



Uganda Railways Corporation

SUPPLY AND FABRICATION OF 150 SADDLES

PROC REF NO: URC/SUPLS/2025-26/00292

ADDENDUM No.1

APRIL, 2026

AMMENDMENTS TO BIDDING DOCUMENT

S/N	Original Text In document	Amendments in the Bidding document
1	<p>ITB 24.1</p> <p>For Bid submission purposes only, the Employer's address is:</p> <p>Head Procurement & Disposal Unit First Floor, Headquarters Building, Plot 57, Nasser Road, First Floor, Room 9, Headquarters Building Kampala Uganda</p> <p>The deadline for Bid submission is: Date 21st April, 2026 Time: 11.00 am (East African Standard Time).</p>	<p>ITB 24.1</p> <p>For Bid submission purposes only, the Employer's address is:</p> <p>Head Procurement & Disposal Unit First Floor, Headquarters Building, Plot 57, Nasser Road, First Floor, Room 9, Headquarters Building Kampala Uganda</p> <p>The deadline for Bid submission is: Date: 12th May, 2026 Time: 11.00 am (East African Standard Time).</p>
2	<p>ITB 27.1</p> <p>The Bid opening shall take place at: URC Main Station Building Main Boardroom.</p> <p>Plot 57, Nasser Road, Kampala Uganda.</p> <p>Date: 21st April, 2026</p> <p>Time: 11.30 am (East African Standard Time).</p>	<p>ITB 27.1</p> <p>The Bid opening shall take place at: URC Main Station Building Main Boardroom.</p> <p>Plot 57, Nasser Road, Kampala Uganda.</p> <p>Date: 12th May, 2026 Time: 11.30 am (East African Standard Time).</p>
3	<p>Changes in the Terms of Reference</p> <p>4.4. Fatigue Life Analysis</p> <p>The saddle is a critical component subjected to millions of load cycles. Therefore, a fatigue analysis is mandatory. The Contractor shall perform and submit a fatigue life assessment demonstrating that the saddle design achieves a minimum service life of 25 years.</p> <ul style="list-style-type: none"> ● Standard: The analysis shall be conducted in accordance with a recognized international standard 	<p>Deleted</p>

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	<p>for fatigue design of welded structures, such as BS 7608:2014+A1:2015 or Eurocode 3 (EN 1993-1-9).</p> <ul style="list-style-type: none"> ● Load Spectrum: The analysis must use a realistic load spectrum that accounts for the varying loads experienced during typical service, including dynamic effects. ● Focus Areas: The fatigue assessment must pay special attention to all welded joints, particularly the connections between the stiffeners and the base plate, and areas of high-stress concentration. 	
4	<p>4.6.3. Load and Proof Testing</p> <ul style="list-style-type: none"> ● Factory Proof Test (Mandatory): A Factory proof test shall be conducted on the prototype and 10% of the production units. A load of 25 tonnes (125% of SWL) shall be applied. The load shall be held for a minimum of 10 minutes. Acceptance Criteria: No permanent deformation, cracking, or weld failure. The maximum allowable permanent set after load removal is 2.0 mm. It shall be carried out under the supervision of an independent competent inspection body, and a signed test certificate/report shall be issued ● Dynamic/Impact Test: The prototype shall be subjected to a bump test simulating a 3g shunting impact to verify the integrity of the securing systems. <p>Material certs: EN 10204 3.1 or equivalent for all steel.</p>	<p>4.6.3. Load and Proof Testing</p> <p>Factory Proof Test (Mandatory): A Factory proof test shall be conducted on the prototype. A load of 25 tonnes (125% of SWL) shall be applied. The load shall be held for a minimum of 10 minutes. Acceptance Criteria: No permanent deformation, cracking, or weld failure. The maximum allowable permanent set after load removal is 2.0 mm. Material certs: EN 10204 3.1 or equivalent for all steel</p>

1. Material Inspection		
Purpose: Ensure materials meet strength and quality requirements.		
Item	Inspection/Standard	Acceptance Criteria
Structural Steel	IS 2062 E250/E350 or equivalent	Check grade certificate, heat number traceability

Welding Electrodes/Wires	IS 814 / AWS A5.1	Verify manufacturer test certificates
Bolts/Nuts/Washers	IS 1367/IS 3757	Mechanical properties and zinc coating verified
Rubber or Wooden Liners (if used)	IS 937 or equivalent	Visual check, hardness, proper bonding
2. Dimensional and Fabrication Inspection		
Purpose: Ensure correct geometry and workmanship.		

Check	Method	Tolerance/Requirement
Base plate length, width, height	Tape/steel rule	As per approved drawing (± 3 mm typical)
Curvature radius (coil seat)	Template or gauge	Matches coil diameter (e.g. 1600–1800 mm)
Saddle alignment	Spirit level, straight edge	Even seating on wagon deck
Weld size and profile	Visual and gauge	As per WPS; smooth fillets, no undercut, overlap
Surface finish	Visual	No burrs, sharp edges, rust, or oil

3. Weld Quality Tests

Purpose: Verify weld integrity and workmanship quality.

Test	Method	Acceptance
Visual Examination	100% of welds	No cracks, porosity, spatter
Magnetic Particle or Dye Penetrant Test	On critical joints	No surface cracks
Ultrasonic or Radiographic Test	On full-penetration welds	As per AWS D1.1 limits
Macro Etch Test (sample weld)	Random	Proper fusion and penetration

4. Load and Proof Tests

Purpose: Confirm load-carrying capacity and deformation limits.		
Test	Procedure	Acceptance Criteria
Factory proof Load Test	Apply 1.25 × rated load (i.e. 25 tonnes) on saddle	No permanent deformation or weld cracks
Dynamic/Impact Test (Simulated Shock)	Drop or bump test simulating shunting impact (e.g. 3g)	No visible damage, cracks, or loosening
Factory Proof Test	Conducted before delivery	Verified by inspection authority (proof load maintained for 10 min)

5. Fitment and Functional Tests		
Purpose: Ensure correct mounting and function on wagon.		
Check	Method	Requirement
Wagon deck interface	Trial fitting	Proper contact and secure bolting/welding
Coil seating test	Place trial coil	Coil sits snugly without rocking or slip
Securing arrangement Compatibility with wagon securing system	Check chain (wirerope) Trial placement on wagon	Adequate and positioned correctly. Saddle shall not obstruct, interfere with, or reduce effectiveness of existing wagon lashing points

NB. The information crossed out was removed from the bidding document