



KENYA ELECTRICITY TRANSMISSION CO.

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Our Ref: KETRACO-PT-004-2025

10th March, 2025

Notice to all Bidders

RE: TENDER ADDENDUM AND CLARIFICATION 1 TO TENDER NUMBER , KETRACO-PT-004-2025

The following amendments are made to the specified provisions of **SUPPLY OF SPECIALIZED STORAGE SOLUTIONS, LABELING AND IDENTIFICATION SYSTEMS, AND WAREHOUSE LAYOUT MAPPING FOR THE KETRACO APEX STORAGE FACILITY MODERNIZATION PROJECT, INCLUDING:**

i.SPECIALIZED STORAGE SOLUTIONS (VARIOUS TYPES OF RACKING, SHELVING, AND CABINET SYSTEMS)

ii.COMPREHENSIVE LABELING AND IDENTIFICATION SYSTEM

iii.WAREHOUSE LAYOUT MAPPING

iv.INSTALLATION AND SETUP SERVICES (Tender Number KETRACO-PT-004-2025).

Save where expressly amended by the terms of this clarification, the Principal Tender Document shall continue to be in full force and effect.

Find herein a ADDENDUM AND CLARIFICATION No. 1, consisting of two (2) pages into the Principal Tender Documents as attached. This document should be returned along with dully filled Form of Tender.

No	Clause	Clarification	KETRACO Response
1	Tender Description	SUPPLY OF SPECIALIZED STORAGE SOLUTIONS, LABELING AND IDENTIFICATION SYSTEMS, AND WAREHOUSE LAYOUT MAPPING FOR THE KETRACO APEX STORAGE FACILITY MODERNIZATION PROJECT, INCLUDING. i.SPECIALIZED STORAGE SOLUTIONS (VARIOUS TYPES OF RACKING, SHELVING, AND CABINET SYSTEMS) ii.COMPREHENSIVE LABELING AND IDENTIFICATION SYSTEM iii.WAREHOUSE LAYOUT MAPPING iv.INSTALLATION AND SETUP SERVICES Tender No. KETRACO-PT-004-2025	TENDER FOR SUPPLY AND INSTALLATION OF MODERN STORAGE SYSTEM FOR APEX GO-DOWN FACILITY, Tender No. KETRACO-PT-004-2025. Bidders are expected to conform to this clarification , failure to which would lead to disqualification of the bid.
2	Scope	Clarification on scope	Zones 1 , 2 , 6 , 7,9,10 ,11 and 12 have been descoped , leaving zones 3, 4,5,7,8 as per the updated GTP , price schedule and schedule of requirements .

No	Clause	Clarification	KETRACO Response
			Bidders are required to use the updated schedules , failure to which the bid will be termed as non responsive .

Bidders are expected to fill and return this addendum 1 alongside with the form of tender.

All other terms and conditions of the tender document remains the same.

USER REPRESENTATIVE:

SIGNATURE:



APPROVED BY:

<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>



SENIOR MANAGER, SUPPLY CHAIN

Tender Addendum and Clarification No. 1 of Tender No. **KETRACO/PT/004/2025** has been received and incorporated in the Tender Documents.

Name of Tenderer (in block letters):

Signature:



Date:

Signed for the Tenderer by (Name in block letters):

In the office bearer capacity of:

GUARANTEED TECHNICAL PARTICULARS (GTP)

A1. INSTRUCTIONS FOR FILLING THE GTP

1. The GTP must be filled in on a clause-by-clause basis
2. Deviations must be clearly stated with technical justification
3. Alternative specifications must be supported by technical documentation
4. "Compliant" statements must be supported by relevant technical documentation

COMPLIANCE CODES:

- C: Fully Compliant
- PC: Partially Compliant
- NC: Non-Compliant

EVIDENCE REFERENCE:

- Specify document name, page number, and paragraph

A2. CLAUSE BY CLAUSE COMPLIANCE STATEMENT

Clause No.	Specification Requirement	Compliance (C/PC/NC)	Bidder's Specification	Evidence Reference	Remarks
1	FOREWORD				
2	SCOPE				
2.1	System Zones				
2.2	System Components				
3	REFERENCE STANDARDS				
3.1	EN 15635 Compliance				
3.2	EN 15629 Compliance				
3.3	ISO 9001 Compliance				
3.4	SEMA Guidelines Compliance				
3.5	OSHA 1910.176 Compliance				
3.6	ANSI Z535 Compliance				

Clause No.	Specification Requirement	Compliance (C/PC/NC)	Bidder's Specification	Evidence Reference	Remarks
3.7	ISO 3864 Compliance				
4	INSTALLATION				
5	TERMS AND DEFINITIONS				
6	SERVICE CONDITIONS				
6.1	Altitude (up to 1800m)				
6.2	Operating Temperature (0°C to +45°C)				
6.3	Relative Humidity (10% to 90%)				
6.4	Installation Environment (Indoor)				
6.5	Dust Conditions (Moderate)				
7	TECHNICAL SPECIFICATIONS				
7.1.1	General Description				
7.1.2	Specialized Storage Solutions				
7.1.3	Labeling and Identification System				
7.1.4	Warehouse Layout Map				

Clause No.	Specification Requirement	Compliance (C/PC/NC)	Bidder's Specification	Evidence Reference	Remarks
8	MANDATORY ACCESSORIES				
8.1	Installation Hardware				
8.2	Safety Equipment				
8.3	Assembly Tools				
9	TESTING AND ACCEPTANCE				
9.1	Type Tests				
9.2	Routine Tests				
10	DOCUMENTATION				
10.1	Installation and Maintenance Manuals				
10.2	Assembly Instructions				
10.3	Inventory Management Guide				
11	TRAINING				
11.1	3-Day Training Program				
11.2	Classroom and Hands-on Training				
12	WARRANTY				
12.1	24-Month Warranty				
12.2	48-Hour Response Time				
12.3	7-Day Repair Time				

Clause No.	Specification Requirement	Compliance (C/PC/NC)	Bidder's Specification	Evidence Reference	Remarks
12.4	5-Year Spare Parts Availability				

A3. ZONE-SPECIFIC EQUIPMENT SPECIFICATIONS

A3.3 ZONE 3: CIRCUIT BREAKERS AND LARGE EQUIPMENT

Parameter	Bidder's Specification	Evidence Reference	Remarks
Heavy-Duty Pallet Racking			
Dimensions			
Material			
Upright Thickness			
Beam Thickness			

Parameter	Bidder's Specification	Evidence Reference	Remarks
Load Capacity			
Accessories			
Cantilever Racking			
Height			
Column Profile			
Arm Thickness			
Arm Load Capacity			
Column Load Capacity			

Parameter	Bidder's Specification	Evidence Reference	Remarks
Base			

A3.4 ZONE 4: CABLES AND CONDUCTORS

Parameter	Bidder's Specification	Evidence Reference	Remarks
Cable Reel Storage Rack			
Dimensions			
Material			
Spindle			
Spindle Load Capacity			
Adjustability			
Total Load Capacity			
Accessories			

A3.5 ZONE 5: TRANSMISSION LINE EQUIPMENT

Parameter	Bidder's Specification	Evidence Reference	Remarks
Heavy-Duty Shelving Units			
Dimensions			
Material			
Shelf Quantity			
Shelf Load Capacity			
Vertical Storage Rack			
Dimensions			
Material			
Dividers			
Load Capacity			

A3.7 ZONE 7: CONSUMABLES AND SMALL PARTS

Parameter	Bidder's Specification	Evidence Reference	Remarks
Small Parts Bin Shelving			
Dimensions			
Shelving Material			
Bin Material			
Bin Quantity			
Shelf Load Capacity			
Drawer Cabinet System			
Dimensions			
Material			
Drawer Quantity			
Drawer Slides			
Locking Mechanism			

A3.8 ZONE 8: SPECIALIZED EQUIPMENT

Parameter	Bidder's Specification	Evidence Reference	Remarks
Secure Cage System			

Parameter	Bidder's Specification	Evidence Reference	Remarks
Dimensions			
Material			
Shelving			
Shelf Size			
Shelf Capacity			
Door			
Heavy-Duty Workbenches			
Dimensions			
Frame Material			

Parameter	Bidder's Specification	Evidence Reference	Remarks
Worktop			
Storage			
Load Capacity			

A4. LABELING AND IDENTIFICATION SYSTEM SPECIFICATIONS

A4.1 ZONE LABELING

Parameter	Bidder's Specification	Evidence Reference	Remarks
Main Zone Signs			
Size			
Material			

Parameter	Bidder's Specification	Evidence Reference	Remarks
Design			
Format			
Installation			
Sub-Zone Signs			
Size			
Material			
Design			

Parameter	Bidder's Specification	Evidence Reference	Remarks
Format			
Floor Markings			
Material			
Design			
Application			
Compliance			

A4.2 STORAGE SYSTEM LABELING

Parameter	Bidder's Specification	Evidence Reference	Remarks
Cabinet Labels			
Format			
Size			
Material			
Shelf Labels			
Format			
Size			
Rack Labels			
Format			
Size			
Material			
Bin Labels			
Format			
Size			
Durability			

A5. WAREHOUSE LAYOUT MAP SPECIFICATIONS

Parameter	Bidder's Specification	Evidence Reference	Remarks
Overall Layout Maps			
Size			

Parameter	Bidder's Specification	Evidence Reference	Remarks
Material			
Features			
Location			
Zone-Specific Maps			
Size			
Location			
Content			
Grid System			
Type			
Visibility			
Integration			
Legend			
Content			
Readability			

A6. INSTALLATION, TRAINING, AND WARRANTY

Parameter	Bidder's Specification	Evidence Reference	Remarks
Installation			
Floor Anchoring			
Wall Anchoring			
Leveling			
Safety Features			
Training			
Duration			
Personnel			
Content			

Parameter	Bidder's Specification	Evidence Reference	Remarks
Materials			
Warranty			
Period			
Coverage			
Response Time			
Repair Time			
Spare Parts			

I/We declare that the information provided in this GTP is true and correct, and all supporting documents are authentic and valid.

Signature: _____ Name: _____

Position: _____ Company: _____

Date: _____ Company Seal: _____

PRICE SCHEDULE

Instructions to Bidders:

1. All prices should be quoted in Kenya Shillings (KES)
2. Prices should be inclusive of delivery, installation, and commissioning at KETRACO APEX facility
3. Include all necessary hardware, accessories, and installation materials as specified in technical specifications
4. Warranty period for all items shall be 24 months from date of commissioning

PART 1: SPECIALIZED STORAGE SOLUTIONS

Item	Description	Unit	Qty	Unit Price (KES)	Total Price (KES)
1.3	ZONE 3: CIRCUIT BREAKERS AND LARGE EQUIPMENT				
1.3.1	Heavy-duty pallet racking (20'H x 8'W x 4'D), including uprights, beams, wire decking, row spacers, upright protectors, min. 3,000kg per level	Bay	20		
1.3.2	Cantilever racking (12'H with 5' arms), I-beam profile, min. 1,000kg per arm	Unit	10		
1.4	ZONE 4: CABLES AND CONDUCTORS				
1.4.1	Cable reel storage rack (8'H x 6'W x 4'D), 11-gauge steel, adjustable spindles, min. 2,000kg capacity	Unit	25		
1.5	ZONE 5: TRANSMISSION LINE EQUIPMENT				
1.5.1	Heavy-duty shelving units (8'H x 4'W x 2'D), 14-gauge steel, 5 adjustable shelves	Unit	20		

Item	Description	Unit	Qty	Unit Price (KES)	Total Price (KES)
1.5.2	Vertical storage rack with dividers (12'H x 8'W x 3'D), 12-gauge steel	Unit	5		
1.7	ZONE 7: CONSUMABLES AND SMALL PARTS				
1.7.1	Small parts bin shelving (75"H x 36"W x 18"D), 18-gauge steel, min. 100 plastic bins per unit	Unit	15		
1.7.2	Multi-drawer parts cabinet (60"H x 30"W x 28"D), 18-gauge steel, min. 30 drawers	Unit	10		
1.8	ZONE 8: SPECIALIZED EQUIPMENT				
1.8.1	Wire mesh security cages (8'H x 8'W x 4'D), 10-gauge welded wire mesh, with 4 shelves and locking door	Unit	5		
1.8.2	Heavy-duty workbenches (6'L x 3'W x 3'H), steel frame, 1.5" thick top, storage drawers	Unit	5		
SUBTOTAL PART 1: SPECIALIZED STORAGE SOLUTIONS					

PART 2: LABELING AND IDENTIFICATION SYSTEM

Item	Description	Unit	Qty	Unit Price (KES)	Total Price (KES)
2.1	Main zone signs (36"x24"), durable plastic/metal with anti-glare coating	Each	12		

Item	Description	Unit	Qty	Unit Price (KES)	Total Price (KES)
2.2	Sub-zone signs (18"x12"), color-coded to match main zone	Each	50		
2.3	Floor marking system including zone boundaries and walkway markings, industrial-grade paint/tape	Lot	1		
2.4	Storage system labels (various sizes) for all cabinets, shelves, racks, and bins as specified	Lot	1		
2.5	Safety and navigation signs including aisle markers, emergency exits, fire extinguishers, first aid stations, and PPE requirements	Lot	1		
SUBTOTAL PART 2: LABELING AND IDENTIFICATION SYSTEM					

PART 3: WAREHOUSE LAYOUT MAP

Item	Description	Unit	Qty	Unit Price (KES)	Total Price (KES)
3.1	Large overall layout maps (48"x36"), durable fade-resistant material	Each	3		
3.2	Smaller overall layout maps (24"x18")	Each	10		
3.3	Zone-specific maps (24"x18")	Each	11		
SUBTOTAL PART 3: WAREHOUSE LAYOUT MAP					

PART 4: INSTALLATION, TRAINING, AND DOCUMENTATION

Item	Description	Unit	Qty	Unit Price (KES)	Total Price (KES)
4.1	Complete installation of all storage systems, including assembly, anchoring, and alignment	Lot	1		

Item	Description	Unit	Qty	Unit Price (KES)	Total Price (KES)
4.2	Training program for 15 KETRACO personnel (3 days) including classroom and hands-on training	Lot	1		
4.3	Comprehensive documentation including installation manuals, maintenance guides, and inventory management procedures	Lot	1		
SUBTOTAL PART 4: INSTALLATION, TRAINING, AND DOCUMENTATION					

SUMMARY

Section	Description	Amount (KES)
Part 1	Specialized Storage Solutions	
Part 2	Labeling and Identification System	
Part 3	Warehouse Layout Map	
Part 4	Installation, Training, and Documentation	
	Subtotal	
	VAT (16%)	
	GRAND TOTAL	

Declaration

We confirm that our bid complies with all requirements as specified in the tender document. All prices include delivery, installation, and commissioning at KETRACO APEX facility.

Company Name: _____

Authorized Signatory: _____

Position: _____

Date: _____

Company Stamp: _____

SCHEDULE OF REQUIREMENTS

Description	Delivery Schedule (Weeks)
Zone 3	
Zone 4	
Zone 5	
Zone 7	
Zone 8	

Delivery schedule is in weeks from contract signing date

Signature: _____ Name: _____

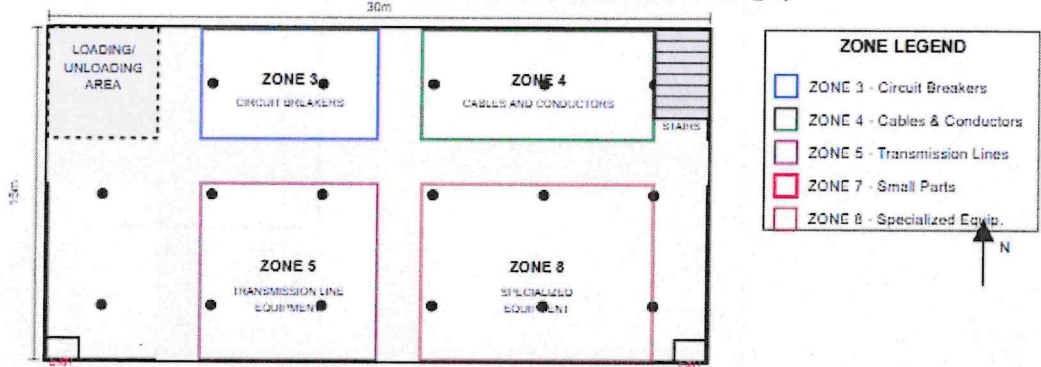
Position: _____ Company: _____

Date: _____ Company Seal: _____

APEX STORE FLOOR PLANS - ZONES 3, 4, 5, 7, 8

Prepared by Eng. James Wairia

LOWER GROUND FLOOR (30m x 15m x 20m height)



RECEPTION AREA (5m x 5m x 3m height)

