



KAWI Complex - Block B
 Popo Lane, off Red Cross Road, South C
 P. O. Box 34942 - 00100, NAIROBI
 Phone: 020 4956000, 0719018000, 0732128000
 Web: www.ketraco.co.ke - email: info@ketraco.co.ke

ADDENDUM NO. 1

Our ref: KETRACO/PT/026/2025-26

26TH MAY 2026

Notice to all Bidders.

RE: TENDER FOR PROCUREMENT OF A COMPLETE ONLOAD TAP CHANGER (OLTC)
 (TENDER NUMBER KETRACO/PT/026/2025-26)

The following amendments are made to the specified provisions of the TENDER PROCUREMENT OF A COMPLETE ONLOAD TAP CHANGER (OLTC). (TENDER NUMBER KETRACO/PT/026/2025-26). Save where expressly amended by the terms of this addendum, the Principal Tender Document shall continue to be in full force and effect.

Find herein the ADDENDUM, consisting of two (2) pages into the Principal Tender Documents.

Tender Addendum and clarification NO 1

NO	INITIAL REQUIREMENT	AMMENDMENT
1	whether it is permissible to use the parent group for MR in relation to the tap changer, instead of the Easun-MR subsidiary.	KETRACO has specifically requested for the Easun-MR on load tap changer as a spare for existing units in our fleet. Only Easun-MR is acceptable as per the specifications.
2	We kindly request the transformer nameplate details to enable us to recalculate both the transition resistors and the tie-in resistors. Having this information is essential for us to confirm the exact winding arrangement	Find attached the transformer name plate detailing the transformer vector group, connection diagram and Tap variations.

All other terms and conditions of the tender remain the same. Any tender inquiries should be sent to kettenders@ketraco.co.ke to reach the Procuring Entity not later than seven days before the date of tender closing. The tender closing date is 3rd June 2026 at 10.30 AM EAT.

SM SUPPLY CHAIN MANAGEMENT

Tender Addendum No. 1 of Tender No. KETRACO/PT/026/2025-26 has been received and incorporated in the Tender Documents.

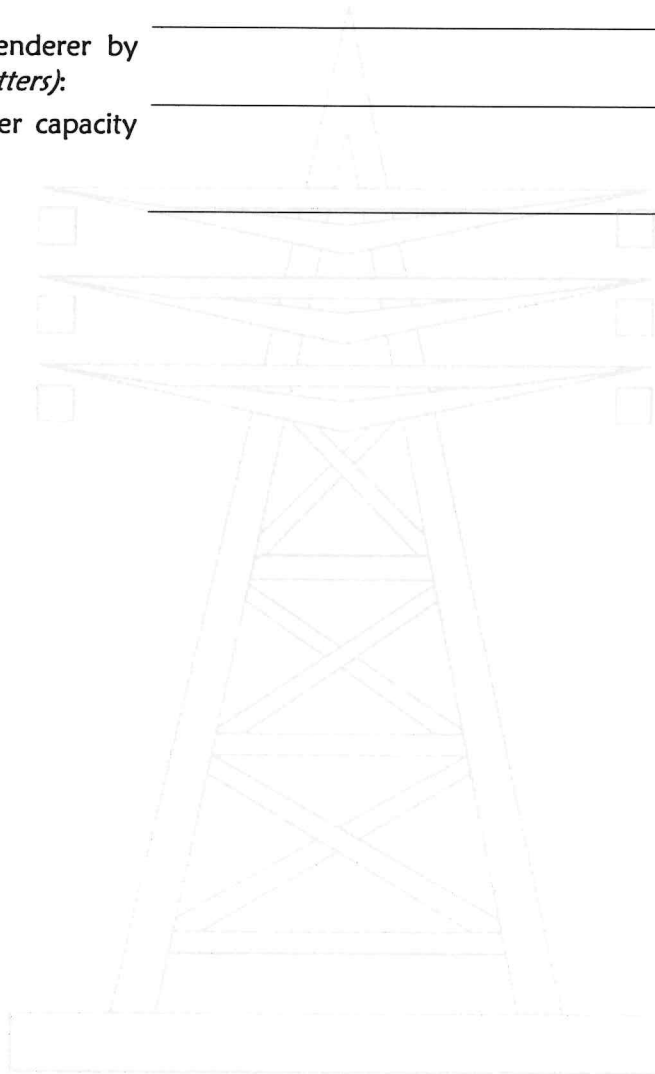
Name of Tenderer (*in block letters*):

Signature:

Date:

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

In the office bearer capacity
of:



305



RATING & DIAGRAM PLATE

MADE IN INDIA BY

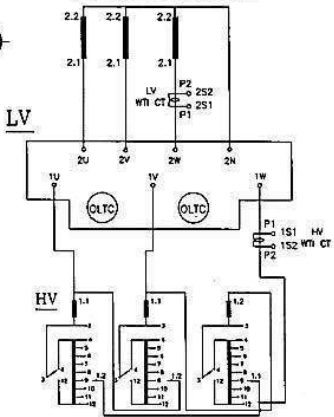
EMCO LTD.

JALGAON, MAHARASHTRA.

POWER TRANSFORMER

SPECIFICATION REF. NO.	IEC 60076		PHASES	THREE		
TYPE OF COOLING	ONAN	ONAF	FREQUENCY	Hz 50		
RATED POWER	HV	kVA 18000	23000	VECTOR GROUP	Dyn1	
	LV	kVA 18000	23000			
RATED VOLTAGE AT NO LOAD	HV	kV 132	132	INSULATION LEVEL	HV	kV LI 650/AC 275
	LV	kV 33	33		LV	kV LI 170/AC 70
RATED LINE CURRENT	HV	A 78.73	100.60	UNTANKING MASS	kg 29150	
	LV	A 314.92	402.40	TANK & FITTING MASS	kg 18000	
GUARANTEED MAX. TEMPERATURE RISE	TOP OIL	°C 55		MASS OF OIL	kg 18750	
	WINDING	°C 60		TOTAL MASS	kg 64900	
REFERENCE AMBIENT TEMP.	°C 40		TRANSPORT MASS (GAS FILLED)	kg 41000		
IMPEDANCE VOLTAGE HV-LV ON 18 MVA BASE	TAP NO.1 (MAX)			VOLUME OF OIL	m ³ 22050	
	TAP NO.9 (NOR)			MAKER'S SERIAL NO.		
	TAP NO.17 (MIN)			YEAR OF MANUFACTURE		
CUSTOMER	M/s. SHYAMA POWER INDIA LIMITED					
CUSTOMER'S REFERENCE	SP: KETRACO/JS/SUPPLY/LOA/001. DATED:17.01.2014.					

DIAGRAM OF CONNECTION

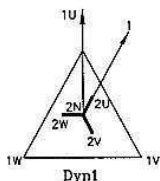


TAPS ON HV FOR HV VARIATION

TAP POSN. NO.	OLTC CONNECTION U & V PHASE	OLTC CONNECTION W PHASE	HV VOLTAGE (VOLTS)	LINE CURRENT (AMPS)	LV VOLTAGE (VOLTS)	LINE CURRENT (AMPS)
1(MAX)	3-4,1,2-12	3-4,1,1-12	149635.2	88.74		
2	3-4,1,2-11	3-4,1,1-11	147430.8	90.07		
3	3-4,1,2-10	3-4,1,1-10	145226.4	91.44		
4	3-4,1,2-9	3-4,1,1-9	143022	92.85		
5	3-4,1,2-8	3-4,1,1-8	140817.6	94.30		
6	3-4,1,2-7	3-4,1,1-7	138613.2	95.80		
7	3-4,1,2-6	3-4,1,1-6	136408.8	97.35		
8	3-4,1,2-5	3-4,1,1-5	134204.4	98.95		
9A(NOR)	3-4,1,2-4	3-4,1,1-4	132000	100.60		
9B(NOR)	3-4, 1,2-3	3-4, 1,1-3	132000	100.60	33000	402.40
9C(NOR)	3-12,1,2-12	3-12,1,1-12	132000	100.60		
10	3-12,1,2-11	3-12,1,1-11	129795.6	102.31		
11	3-12,1,2-10	3-12,1,1-10	127591.2	104.08		
12	3-12,1,2-9	3-12,1,1-9	125386.8	105.90		
13	3-12,1,2-8	3-12,1,1-8	123182.4	107.80		
14	3-12,1,2-7	3-12,1,1-7	120978	109.76		
15	3-12,1,2-6	3-12,1,1-6	118773.6	111.80		
16	3-12,1,2-5	3-12,1,1-5	116569.2	113.92		
17(MIN)	3-12,1,2-4	3-12,1,1-4	114364.8	116.11		

CT DETAILS

LOCATION	CURRENT RATIO	ACCURACY CLASS	BURDEN (VA)	PURPOSE	SECONDARY TERMINALS
LV WTI CT	403/1.8	5	10	WTI	251,252
HV WTI CT	117/1.8	5	10	WTI	151,152



VECTOR SYMBOL

AIR CIRCULATION

RUNNING - 4x7900 m³/Hr.
STANDBY - 2X7900 m³/Hr.

S.O.No. 5000353

DRG. NO. EM09/B11337/R3

DESCRIPTION	LETTER SIZE
EMCO LTD	(B)ROMAN (TRIPLEX)
R & D PLATE & POWER TRAF.	(B)ROMAN (TRIPLEX)
HEADINGS,HV,LV,O & DRG.NO.	(I)ROMAN (COMPLEX)
TAP NO. CT TERMINAL MARKING	(Z)ROMAN (SIMPLEX)
OTHERS	(Z)ROMAN (SIMPLEX)

APPROVAL STATUS: A

Handwritten signature and date: 1-1-15

NOTES FOR PLATE MANUFACTURER:-

- ALL DIMENSIONS ARE IN mm.
- THIS PLATE IS REQUIRED TO BE USED FOR OUTDOOR DUTY.
- PLATE SHOULD BE MADE CHEMICALLY ETCHED AS PER OUR SPEC.NO.12/70/R2.
- SIZE: 305 X 505 LG.
- THK:- 1.6mm THK.(16 SWG.)
- MATL:- STAINLESS STEEL TO AISI-304.
- PERCENTAGE IMPEDANCE FIGURE SHALL BE ENGRAVED AFTER FINAL TESTING. GUAR %Z = 9.8% (+/- IEC TOL) @18MVA BASE TAP N 9.
- * MARKED DETAILS TO BE PROVIDED BY CUSTOMER
- CT MAKE SHALL BE MAHENDRA/PRAGATI/KAPPA/ALPHA.



EMCO LIMITED
JALGAON, INDIA
S.O.:-5000353

REV. NO.	DESCRIPTION	PREPARED	APPROVED	DATE
3	DRAWING REVISED AS PER CUSTOMER COMMENTS DATED:23.12.2014.	KPS	UKR	18.05.14
2	DRAWING REVISED AS PER CUSTOMER COMMENTS DATED:10.07.2014.	KPS	UKR	15.05.14
1	DRAWING REVISED DUE TO CHANGE IN IMPEDANCE & ALTITUDE.	KPS	UKR	15.05.14

SHYAMA POWER		SHYAMA POWER INDIA LTD PLAT NO 431, USVDC VEHAR, PHASE-IV GURGAON-122015	
PROJECT	TRANSMISSION SCALE-UP PROJECT CONTRACT:KETRACO/PT/010/2012 LOT 3b		
OWNER	KENYA ELECTRICITY TRANSMISSION COMPANY LTD		
CONSULTANT	POWER GRID CORPORATION OF INDIA LIMITED.		
LOA NO.			
TITLE	RATING & DIAGRAM PLATE		
DRAWN	ANBU	DATE	10/02/2014
CHECKED	HRK	SCALE	N.T.S.
APPROVED		SHEET NO: 1 OF 1	
DRG. No.	EM09/B11337		REV: 3