

## REQUEST FOR QUOTATION LOCAL PURCHASE SECTION

**RFQ NUMBER** : 2492500466  
**DATE** : 14.08.2025  
**REQ No** : 1172500602  
**REQ TITLE** : Multifunction Transformer  
**DELIVERY LOCATION** : 0051 - CENTR STROE(TRN)  
**CLOSING DATE** : 22.08.2025  
**CLOSING TIME** : 10:00:00

SL NO	ITEM CODE	SERVICE ID	DESCRIPTION	QTY	UOM	BRAND/ORIGIN	WARRANTY	UNIT PRICE	TOTAL PRICE
1	7000000013		MULTIFUNCTION TRANSFORMER TESTING KIT SPECIFICATION.1. PURPOSE THE TRANSFORMER TESTING KIT WILL BE USED FOR COMPREHENSIVEON-SITE TES TING OF POWER AND DISTRIBUTION TRANSFORMERS, ENSURINGRELIABLE PERFORMANCE DIAGNOSTICS, FAULT DETECTION, AND CONDITIONASSESSMENT.2. SCOPE OF SUPPLY THE KIT MUST INCLUDE ALL INSTRUMENTS AND ACCESSORIESREQUIRED TO PERFORM THE FOLLOWING TESTS:# INSULATION RESISTANCE (IR)# TRANSFORMER TURNS RATIO (TTR)# WINDING RESISTANCE# DYNAMIC RESISTANCE MEASUREMENT FOR OLTC TESTING.# SHORT-CIRCUIT IMPEDANCE / LEAKAGE REACTANCE.# EXCITATION CURRENT AND CORE LOSS# POWER FACTOR (TAN DELTA)# SWEEP FREQUENCY RESPONSE ANALYSIS (SFRA)# FREQUENC Y RESPONSE ANALYSIS (FRA)# DEMAGNETIZATION OF CORE# PARTIAL DISCHARGE TESTING (OPTIONAL)3. TECHNICAL REQUIREMENTS#	1	EA				

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			<p>MEASUREMENT ACCUR            ACY <math>\pm</math>0.1%: ACROSS INSULATION, WINDING            RESISTANCE, ANDCORE LOSS MEASUREMENTS.#            HIGH-VOLTAGE OUTPUT: 0 ... 12 KV AC - 300 MA            3600 VA &gt;            2 MIN - 100 MA1200 VA &gt; 60 MIN# CAPACITANCE            RANGE: 0 TO 100 #F, 0.01 PF RESOLUTION.#            DISSIPATION FACTOR: 0 - 100, 0.001%.# WATT LOS            S: +/- (1% OF READING) + 1MW# TURNS RATIO            MEASUREMENT: ACCURACY <math>\pm</math>0.1%, RANGE UP TO            10,000:1# WINDING RESISTANCE: UP TO 1000 #,            TEST            CURRENT UP TO 50 A DC# INSULATION            RESISTANCE: UP TO 10 T#, TEST VOLTAGES 250 V            TO 5 KV# THREE-PHASE TEST CAPABILITY:            SIMULTANEOUS T            ESTING OF ALL PHASES.3-PHASE TRANSFORMER            TURNS RATIO WITH 400 V L-L &gt;3-PHASE WINDING            RESISTANCE WITH 33 A &gt;3-PHASE SHORT-CIRCUIT            IMP            EDANCE / LEAKAGE REACTANCE &gt;FAST            DEMAGNETIZATION WITH 16 A# DISPLAY: MINIMUM            7" SUNLIGHT-READABLE COLOUR TOUCHSCREEN#</p>						

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			<p>MEMORY: MINIMU  M 32GB INTERNAL MEMORY, WITH USB AND SD  CARD PORTS# COMMUNICATION PORTS: USB,  ETHERNET, WI-FI, BLUETOOTH# DATA FORMAT:  SUPPORT FOR C  SV, PDF, XML FOR REPORT GENERATION# POWER  SUPPLY: 100#240V AC, 50/60HZ WITH  RECHARGEABLE BATTERY BACKUP(MIN. 4  HOURS).# ENVIRONMENTA  L CONDITIONS:O OPERATING TEMPERATURE:  #10°C TO +55°C O HUMIDITY: UP TO 95%  NON-CONDENSING.O STORAGE TEMPERATURE - 0  TO 70 °C O IP RATI  NG: IP54 OR HIGHER4. SOFTWARE AND  INTERFACE# PC SOFTWARE FOR DATA ANALYSIS,  REPORT GENERATION, AND FIRMWARE  UPDATESEXECUTION OF DIAG  NOSTIC TEST:CUSTOMIZED TEST  PLANS.AUTOMATIC TEST EXECUTIONRESULTS  ANALYSIS AND REPORTINGCOMPARISON TOOLS  FOR DETAILED ANALYSIS  CUSTOMIZED, INDIVIDUAL REPORTS#  COMPATIBILITY WITH WINDOWS AND ANDROID</p>						

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			<p>SYSTEMS# MULTILINGUAL SUPPORT INCLUDING ENGLISH AND ARABIC5. SAFETY AND COMPLIANCE# IEC 61010-1 SAFETY COMPLIANCE# CE MARKING OR EQUIVALENT INTERNATIONAL CERTIFICATION# OVER-VOLTAGE AND THERMAL PROTECTION FEATURES.# SAFETY SWITCHES / STROBE LIGHTS AND BUZZER TO BE PROVIDED6. ACCESSORIES# HV AND LV TEST CABLES-20 METERS# GROUNDING KIT.# PROVIDED WITH INTERFERENCE SUPPRESSORS FOR USING AT HV SUBSTATIONS# TRANSPORTATION CASE: CARRYING CASE WITH WHEELSINSTRUMENT SHALL BE SUPPLIED IN A RUGGED TRANSPORT CASE TO PROTECT ITFROM DAMAGES WHILE TRANSPORTING TO FIELD, CABLES &amp; ACCESSORIES SHALL BESUPPLIED IN SEPARATE SOFT CARRYCASES# INSTRUCTION MANUALS AND CALIBRATION CERTIFICATES# OPTIONAL: RUGGED FIELD LAPTOP OR TABLET WITH PRE-INSTALLED SOFTWARE7.</p>						

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			WARRANTY AND SUPPORT# 3 YEARS (2 YEARS + 1-YEAR EXTENDED WARRANTY)# LOCAL CALIBRATION AND REP AIR FACILITY IN THE UAE# ON-SITE TRAINING AND TECHNICAL SUPPORT8. MANUFACTURER CREDENTIALS# PROVEN TRACK RECORD (MINIMUM 5 YEARS IN TRANSFORMER TESTING EQUIPMENT)# AT LEAST 3 LOCAL REFERENCES FROM UTILITY OR INDUSTRIAL CLIENTS9. ON SITE DEMONSTRATION						

TOTAL AMOUNT IN WORDS:

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**SPECIAL NOTES / INSTRUCTIONS:**

Multifunction Transformer

**STANDARD TERMS & CONDITIONS**

- 1) Prices should be 'DDP' delivery duty paid at DEWA stores.
- 2) Quotation to be submitted only in local currency U.A.E Dirhams
- 3) DEWA Standard payment terms is '30 days credit' from the date of acceptance of material

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4) No DEWA staff or his or her relatives up to third degree should have ownership or partnership in your company, and your participation in DEWA tenders / RFQs should not constitute a Conflict or perceived Conflict of Interest.

5) The offered product and/ or services in the Quotation, shall be conforming and in accordance with DEWA Energy Management Policy & EnMS Manual.

**SUPPLIER'S REMARKS :**

**SUPPLIER'S SIGNATURE AND STAMP**