



GUJARAT STATE ELECTRICITY CORPORATION LIMITED

Wanakbori Thermal Power Station, Taluka:Galteshwar, Dist:Kheda- 388239. Ph. 91-2699-235522
Fax: 91-2699-235607, e-mail: wtps.ceg@gebmil.com; wtps.se-tech@gebmil.com, Website: www.gsecl.in
AN ISO-9001:2008, ISO-14001:2004, OHSAS 18001:2007 Certified Power Plant
CIN: U40100GJ1993SGC019988

RFQ-30752(E): Supply of Measuring instrument for EMD-7 AND CEM AT WTPS.

CHIEF ENGINEER (C&O), GSECL, WANAKBORI THERMAL POWER STATION, INVITES TENDERSFROM INTERESTED BIDDERS, FOR SUPPLY OF ABOVE MATERIAL. THE DETAILS OF THE SAME ARE GIVEN BELOW.

BIDDERS SHOULD SUBMIT THE DOWNLOADED DOCUMENTS, DULY FILLED, STAMPED AND SIGNED, AS PER THE INSTRUCTIONS GIVEN HERE UNDER.

1	ESTIMATED COST RS.	249405
2	LAST DATE OF ISSUE OF TENDER	NA
3	LAST DATE OF SUBMISSION OF COMPLETE TENDER DOCUMENT (BY R.P.A.D./SPEED POST ONLY)	UP TO 3.00 P.M. ON OR BEFORE DUE DATE OF TENDER SUBMISSION AS PER RELEVANT TENDER NOTICE ON OUR WEB SITE
4	DATE OF OPENING (IF POSSIBLE) TECHNICAL BID ONLY	10.30 A.M. ON DUE DATE OF OPENING AS PER RELEVANT TENDER NOTICE ON OUR WEB SITE
5	EARNEST MONEY DEPOSIT RS.	2495.00
6	SECURITY DEPOSIT(TO BE DEPOSITED WITHIN 15 DAYS FROM THE DATE OF LOI)	10% OF THE END COST
7	Tender Fees Amount (Compulsory & Non-Refundable) in form of RTGS/NEFT/Demand Draft in favour of Gujarat State Electricity Corporation Limited, TA-Thasra Dist. - Kheda payable at DENA BANK, WTPS.	500
8	DELIVERY PERIOD	3 MONTHS
9	SAMPLE REQUIRED BEFORE BULK SUPPLY	NO
10	TEST CERTIFICATE REQUIRED	YES
11	VALIDITY OF RATES	120 DAYS FROM THE ACTUAL DATE OF TECH. BID OPENING.

1. Tender Fee (non refundable) will be as per sr. no.7 of above table.

2. **EARNEST MONEY DEPOSIT (refundable)/ SECURITY DEPOSIT:-**

[2.1] Earnest Money Deposit (refundable)/ SECURITY DEPOSIT will be accepted by RTGS/NEFT/Demand Draft in favour of Gujarat State Electricity Corporation Limited, TA-Galteshwar, Dist. - Kheda payable at DENA BANK, WTPS or by Bank Guarantee of any of the nationalized/Approved Bank of GSECL. As mentioned here under:

- All nationalized banks including the public sector bank-IDBI Ltd.
- Private sector banks authorized by RBI to undertake state government business(at present AXIS bank, ICICI bank & HDFC bank)
 - Commercial banks: 1. Kotak Mahindra bank, 2.Yes Bank, 3. Indusind Bank, 4.

BIDDER SIGN WITH COMPANY SEAL

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- Co-operative Banks of Gujarat: 1. The kalupur commercial cooperative bank limited. 2. Rajkot nagrik sahakari bank limited, 3. The Ahmedabad mercantile co. bank limited, 4. The mehsana urban co-operative bank limited 5. Nutan nagrik sahakari bank limited

RTGS/NEFT Bank details.

BANK NAME & BRANCH:-DENA BANK, WANAKBORI, TA: GALTESHWAR, DIST: KHEDA, PIN:388239(GUJ)

ACCOUNT NO.:- 074711001109

MICR NO:- 388018501

IFSC NO:- BKDN 0220747

e-mail:- wtps.ceg@gebmail.com; wtps.coa@gebmail.com

Note : (a) DD No. and Bank Guarantee No. & date should be mentioned on envelope invariably on Technical Bid Cover as well as main Cover.

(b) Copy Of Transaction Acknowledgement Slip Of NEFT/RTGS Should Be Submitted along With Tender.

[2.2] The exemption in payment of EMD shall be given to the small, Cottage & tiny industrial units registered under small scale industries of Gujarat state and holding subsequent registration with CSPO / NSIC / DGS&D registration certificates for manufacturing of item under tender.

[2.3] The payment of S.D./ PBG (where applicable) shall be considered 6% of End cost in case of the small, Cottage & tiny industrial units registered under small scale industries of Gujarat state and holding subsequent registration with CSPO / NSIC / DGS&D registration certificates for manufacturing of item under tender.

3. Please submit TENDER DOCUMENT (this document) along with ANNEXURES filled and signed/stamped in Technical bid cover.
Price Bid (Schedule B) must be kept in separate cover.
Both the above covers (i.e. Technical Bid & Price Bid cover) are to be kept in a Big envelope super scribing the tender number, subject & due date of opening.
4. Vendor registration with GSECL is not compulsory required for submitting the Tender.
5. Bidders are advised to visit our above websites regularly up to opening of bid for corrigendum if any & submit corrected copy of tender (otherwise their offer will not be considered for opening) & extension of due date.
6. NO Security Deposit applicable up to order value (END COST) of RS one lakh.
7. Security Deposit will be released after issuance of NOC from user department.
8. Security Deposit should be paid within 30 days from the date of LOI, otherwise the LOI is liable to be cancelled, EMD paid, if any will be forfeited.
9. The tender document is required in one set only.
10. **Whichever terms conflict with “COMMERCIAL TERMS AND CONDITIONS” the terms mentioned in “TENDER DOCUMENT” will be applicable.**
11. **Successful bidder shall have to enter into agreement with GSECL for order value above 5 lakhs.**
12. GSECL reserve the rights to accept/reject any or all tenders without assigning any reasons thereof.

Yours faithfully

I/C Chief Engineer (C&O)
GSECL, WTPS

ANNEXURE - 1

In connection with the above subject and reference I/ We confirm the following:

I /We, the under signed have read and agreed the required specifications in tender document along with the Commercial terms and conditions except the deviations shown in Annexure of Deviations (ANNEXURE-5).

**Seal of the Firm
Signature of the Authorized
Representatives of the firm**

Date:

Name:

ANNEXURE – 2

1. TENDER FEE: PAID BY DD : INSTRUMENT NO : _____

2. EMD FEE :

PAID BY :

DD: INSTRUMENT NO: _____

SSI : NOTARISED COPY ATTACHED: YES/ NO

RTGS/NEFT: TRANSACTION ID: _____

ANNEXURE - 3

Tenderer may MANDATORILY fill all the details in this form.(These details are necessary to create the database of suppliers)

Within Gujarat / Outside Gujarat

Pvt. Firm / Public Ltd. / State Govt. Under taking
/ Central Govt. undertaking
Supplier Category

CST No. and CST Date

Excise No. and Excise Date

SSI Certificate No. and Date

NSIC Certificate No.(Should be revalidated since last 3 yrs.) NSIC Certificate Date.
Whether under NSIC scheme

Address of Registered Office:	Factory	Works
Aurhtorised representative:		
Contract person name Designation:		
Cit & Pin Code: State:		
Country:		
Phone Nos. (Office): Fax No:		
STD Code: Mobile No:		
Web site address:		

ANNEXURE - 4

1 PRICES: [FIRM ONLY]
(Please Specify YES / NO.)

2 Rates offered FOR: DESTINATION i.e.WTPS/SevaliaRly.Stn./or Godhra at transporter's Godown

3 EXCISE DUTY: [SINGLE SLAB ONLY]
(Please Specify INCUSIVE / EXCLUSIVE / EXEMPTED)

4 SALES TAX: [IN PERCENTAGE]
(Please Specify INCUSIVE / EXCLUSIVE / EXEMPTED)
Please specify CST or VAT

5. FREIGHT CHARGE : INCLUSIVE / EXCLUSIVE

6. PKG & FORWARDING CHARGE : INCLUSIVE / EXCLUSIVE

7. INSURANCE CHARGE : INCLUSIVE / EXCLUSIVE

ANNEXURE – 5

DEVIATION (TECHNICAL / COMMERCIAL)

(Deviations if any to be furnished in this annexure only and to be submitted with technical bid)

DEVIATION MENTIONED ANYWHERE EXCEPT THIS ANNEXURE WILL NOT BE CONSIDERED.

AGREEMENT

THIS AGREEMENT made on this _____ day of _____ two thousand _____

BETWEEN

_____(Name of the company) having Registered Office at _____ and represented by _____ (Name and designation of the Authorized Officer (herein after called "The Supplier", which expression where the context so requires or admits shall include his legal heir, administrators, executors, assignees and legal representatives) of the ONE PART.

AND

_____(Name of the company) having Registered Office at _____ and represented by _____ (Name and designation of the Authorized Officer (herein after called "The Purchaser/Purchaser Company", which expression where the context so requires or admits shall include his administrators, executors, authorized person, assignees and legal representatives) of the OTHER PART.

WHEREAS, the supplier willingly submitted bids for the Tender No _____ of the Purchaseer company for the supply of _____ [Name of the material/ items to be supplied by the supplier] as specified and as per delivery instructions provided in the Acceptance of Tender(AT) / Letter of Acceptance (LOA) issued vide No _____ dtd _____ by the purchaser company at the accepted respective prices or rates mentioned against the said items I materials.

AND WHEREAS THE PURCHASER Company has accepted the tender of the Supplier for the supply for the total sum of Rs. _____ (Rupees _____ only) *including I excluding taxes upon the terms and subject to the conditions herein mentioned in the agreement.

AND WHEREAS, a list is made out in the "SCHEDULE" hereunder written and all of which said documents of the Schedule are deemed to form part of this agreement and included in the expression "the Supply" wherever herein used, upon the terms and subject to the conditions hereinafter mentioned.

NOW THIS AGREEMENT WITNESSES AS UNDER AND IT IS HEREBY AGREED AND DECLARED THAT:-

1. The Supplier has accepted the Terms and Conditions set out in the Tender Notice No _____ dtd. , _____ as well as in the form of Acceptance . Tender (AT) I Letter of Acceptance (LOA) No. _____. dtd. _____, which will hold good & valid during the period of this Agreement.
2. The supplier shall do and perform for all supplies and things in this agreement mentioned and described or which are implied therein or there from respectively or are reasonably necessary for the in-time and in manner supplies as mentioned and subject to the general I commercial terms & conditions and stipulation contained in this agreement.
3. In consideration of the due provision, executions, completion of the Supply, as agreed to by the Supplier as aforesaid, the Purchaser company hereby agrees to pay all the sums of money as and when they become due and payable .to the supplier under the provisions of the agreement and such payment to be made at such times and in such manner as provided in the agreement .
4. In respect of the said Tenders per the terms & . conditions of this Agreement, the Supplier has deposited amount in Cash or DD or has provided valid Bank Guarantee of Rs _____(Rupees _____only).with the Purchaser Company towards performance guarantee of execution period I.e. for security deposit of the supply material / items.
5. Upon breach by the Supplier of any of the conditions of this Agreement, the purchaser Company may give a notice in writing to rescind, determine and put to an end to the A/T without prejudice to the right of the Purchaser' company to claim damages for antecedent. breaches thereof on the part of the Supplier and also to claim reasonable compensation / risk & cost purchase for the loss occasioned by the Purchaser Company due to failure of the Supplier to fulfill the Order as certified in writing by the Purchaser for which Certificate shall be conclusive evidence of the amount of such compensation payable by the Supplier to the Purchaser.
6. The Purchaser Company shall not be bound to take the whole or any part of the ordered quantity herein or therein mentioned in the, LOA I AT and may cancel the contract at any time after giving ONE MONTH'S NOTICE IN WRITING without compensating the Supplier.
7. This Agreement shall remain in force till the expiry of satisfactory performance of the Supply during Guarantee I Warranty period including for the quantity mentioned in the repeat order, if any as per the terms & conditions of the LOA / AT.
8. Any Notice in connection with the Supply including the Notice for termination may be given by the purchaser or any authorized officer for the said purpose as per the commercial terms & conditions of LOA/ AT.
9. If subject to the circumstances beyond control i.e. Force Majeure conditions, the Supplier fails to deliver the materials, the same shall be governed as per the Tender Documents.
10. The agreed value, extent supply, delivery dates, specifications, and other relevant matters may be altered by mutual agreement as per the policy of the purchaser Company and if so altered shall not be deemed or construed to mean or apply to affect alter other general I commercial terms & conditions of

the agreement and the agreement so altered or revised shall be and shall always be deemed to have been adhered subject to and without prejudice to said stipulation.

11. The following is the Schedule forming part of this agreement as provided herein above:

SCHEDULE

List of documents:

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.

In witness whereof the parties hereto have set their hands and seals this day, month and year first above written

Place:

Date:

1. Signed, Sealed and delivered by :

(Signature with Name, Designation & official seal / stamp)

For and on behalf of M/s _____ (supplier)

(Complete Name, Address of the authorized person of the supplier with Authority letter or Board's Resolution in case of company)

In the presence of Name, full Address & Signatures:

i) _____

ii) _____

2. Signed, Sealed and delivered by :

(Signature with Name, Designation & official seal / stamp)

For and on behalf of M/s _____ (purchaser),

(Complete Name, Designation & Location / Address of the authorized officer as per DOP of the purchaser company)

In the presence of Name, full Address & Signatures:

i) _____

ii) _____

Gujarat State Electricity Corporation Limited

Wanakbori Thermal Power Station

TA-Thasra Dist. - Kheda 388239

TECHNICAL BID

Reference No. : WP/SUPPLY/TECH/RFQ-30752E/EMD-7

SUBJECT:- Supply of Measuring instrument for EMD-7 AND CEM AT WTPS.

Sr. No.	Description of Material	Qty. Reqd	Unit
1	DIGITAL INFRARED THERMOMETER (TYPE: PORTABLE NON-CONTACT TYPE THERMOMETER, RANGE: -40 TO 800 DEG.CENTIGRADE, SIGHTING: LASER GUIDED, ACCURACY: +/- 0.5 DEG. CENTIGRADE)	2	Numbers
2	AC/DC MINI CLAMP METER MODEL NO.2010 MAKE: KYORITSU, JAPAN	2	Number
3	DIGITAL CLAMP ON METER LCD DISPLAY WITH BACKLIGHT, 3-3/4 DIGIT.	1	Number
4	DIGITAL INSULATION RESISTANCE MEASURING EQUIPMENT. MAX. RANGE: 1 TERA OHM, SELECTABLE VOLTAGE RANGE: 250/500/1000/2500/5000 V, PORTABLE	1	Number
5	FORCE GAUGE, MEASURING CAPACITY 5 KG, MAKE: LUTRON, MODEL NO. FG-5000A.	2	Number
6	500 VOLT/0-1000 MEGA OHMS, HAND OPERATED INSULATION TESTER	1	Number
7	DIGITAL MEGGER (INSULATION TESTER) DUAL VOLTAGE 500/1000 V 0 TO 2000 MEGAOHMS RESOLUTION OF 1 M? WEGHT: 500 GM APPROX.	1	Number

Note:

1. Please submit entire tender document duly filled signed and stamped.
2. Please offer for our required specification .

TERMS AND CONDITIONS:

All Bidders should be submit along with offer.

- 1) Test certificate should be submitted along with supply.
- 2) The Guarantee / warrantee period of 12 month for offered items from the date of receipt of material.
- 3) Material should be supply as per the given material specification.
- 4) Bidder should submit the LATEST product catalogue & detailed specification of offered materials along with the offer.
- 5) The bidder should be authorized dealer and attach valid latest dealership certificate along with technical bid OR must be attach purchase proof at the time of material supply.

DETAILED SPECIFICATION:

Item sr. no. 1:-

DIGITAL INFRARED THERMOMETER (TYPE: PORTABLE NON-CONTACT TYPE THERMOMETER, RANGE: -40 TO 800 DEG.CENTIGRADE, SIGHTING: LASER GUIDED, ACCURACY: +/- 0.5 DEG. CENTIGRADE)

Make:- Metravi/Testo/Fluke/Flair

1. MODEL: MT-14A
2. TEMP. RANGE: -50 TO 1370 DEG.

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3. RESOLUTION: 0.1 DEG. CENTIGRADE
4. ACCURACY: ± 1.5 PERCENT OF READING ± 3 DEGREE CENTIGRADE
5. RESPONSE TIME: < 1 SECOND
6. DISTANCE TO SPOT SIZE: 30:1
7. OPERATING TEMPERATURE: 0 TO 50 DEG. CENTIGRAD
8. DISPLAY LCD: LCD WITH BACKLIGHT
9. SPECTRAL RESPONSE: 8-14 micro meter
10. TEMP. DISPLAY: DEG. C & DEG. F SELECTABLE SWITCH
11. STANDARD ACCESSORIES TO BE SUPPLIED WITH METER:
 - (a) 9V BATTERY , NEDA 1604A OR IEC 6LR61 OR EQUIVALENT
 - (b) METER CARRYING CASE
 - (c) OPERATING MANUAL
 - (d) K TYPE THERMOCOUPLE BUILT IN

Item sr. no. 2:-

AC/DC MINI CLAMP METER MODEL NO.2010 MAKE: KYORITSU/MECO/MOTWANI

1. AC/DC Mini Clamp Meter Model No. 2010
2. DC CURRENT RANGE: 2A-0-1.999A, ACCURACY $\pm 1.0\%$ rdg ± 2 dgt
20A-0-19.99A ACCURACY $\pm 1.5\%$ rdg ± 4 dgt
3. AC CURRENT RANGE: 200mA -0-199.9mA, ACCURACY $\pm 1.0\%$ rdg ± 2 dgt (50/60 Hz)
4. 2A-0-1.999A ACCURACY $\pm 1.5\%$ rdg ± 2 dgt (50/60 Hz)
5. 20A-0-19.99A ACCURACY $\pm 2.5\%$ rdg ± 5 dgt(40Hz-2kHz)
6. FREQUENCY RESPONSE: 40Hz TO 2KHz
7. CONDUCTOR SIZE: 7.5MM MAX
8. DIMENSION SENSOR 152.2 (L) X 23 (W) X 18 (D) MM
9. DISPLAY UNIT 142 (L) X 64 (W) X 26 (D) MM
10. WEIGHT 220 GRM APPROX (BATTERY INCLUDED)
11. POWER SOURCE 6F22 BATTERY OR EQUIVALENT OR DC 9V EXTERNAL POWER SOURCE
12. ACCESSORIES: CARRYING CASE MODEL 9071, INSTRUCTION MANUAL 6F 22 BATTERY OPTION ACCESSORIES
13. AC ADAPTOR MODEL 8022 OUTPUT LEAD MODEL 7014.

Item sr. no. 3 :-

DIGITAL CLAMP ON METER LCD DISPLAY WITH BACKLIGHT, 3-3/4 DIGIT.

Digital clamp on meter

METREL Make Model: MD 9230 OR Equivalent MOTWANE/RISHABH/MAGGER

1. LCD Display with backlight 3-3/4 digit.
2. DC Current range: 0.1 to 1000 Amp.
3. AC Current range: 0.1 to 800 Amp.
4. DC Voltage: 0.1 mv to 600V
5. AC Voltage: 0.1 mv to 600V
6. Resistance: 0.1 ohm to 40 mega ohm.
7. Capacitance: 500 nenoF to 3000 microF
8. Jaw width 55 mm

Item sr. no. 4 :-

DIGITAL INSULATION RESISTANCE MEASURING EQUIPMENT. MAX. RANGE: 1 TERA OHM, SELECTABLE VOLTAGE RANGE: 250/500/1000/2500/5000 V, PORTABLE 5KV DC Insulation Resistance Tester

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RFQ: 30752E

Make: Megger / Fluke / Motwane / Kyoritsu

Required Features:-

1. Max. Insulation Resistance: 1 T Ohm
2. Test Regimes - Automatic IR, I, PI, DAR, DD, SV & BDV tests
3. It should be operate with battery as well as on line Power / mains.
4. Safety Rating should be: CAT IV 600V
5. LCD Display: Large with automatic Back light, have LCD display visible in all light condition.
6. Test Voltages: 250V, 500V, 1000V, 2500V and 5000V in selectable step.
7. Accuracy: +/- 5% to 100G Ohm, +/- 20% to 1 T Ohm.
8. Ingress Protection: IP65 (lid closed), IP 40 (Lid Open).
9. Complies with latest IEC / IS Standards.
10. High noise immunity

POWER SUPPLY :

AC Mains Voltage- 230V +/- 10%,

Frequency - 50 Hz +/- 10%,

Battery

Internal Rechargeable Battery

Backup : Approx, 6 hours of continuous testing at 5 KV on a load of 10 G ohms.

Charging Time : 4 hours [approx

Kit should includes following accessories free of cost:-

1. User Guide CD / Instruction Manual
2. Power Lead
3. Min. 25ft leads set x 3, test leads for earth, guard and line connection with large insulated clamps.
4. Calibration certificate.
5. Mains Protected fuse
6. Communication lead
7. Carrying Bag

The Insulation Tester should:

1. Measure insulation resistance of all types of electrical equipments.
2. Be capable of measuring insulation resistance in line switch yard up to 420 KV without having effect of electromagnetic induction i.e. kit should have sufficient interference rejection.
3. Have grounding circuit capable of removing surface leakage from the measurement.
4. Have switch able digital filter to remove induced noise.
5. Display results in digital, analog and graphical form.
6. Having battery charging facility and monitoring of charging/discharging on display

INDICATIONS & ANNUNCIATIONS

1. Audio visual Indications for HV presence
2. LED Indications for HV presence
3. Battery status Indications
4. Battery charging Indications
5. Audible discharge Indications
6. Mains / Battery Indications

DATA MANAGEMENT

1. Inter memory storage of 1000 test results
2. Optically isolated RS232 communication port
3. Safety of accessories with IEC 61010-31

Item No. 5

BIDDER SIGN WITH COMPANY SEAL
RFQ: 30752E

FORCE GAUGE, MEASURING CAPACITY 5 KG, MODEL NO. FG-5000A.
MAKE: LUTRON/WINSITH.

1. 5000 g wide capacity, high resolution, accuracy & repeatability.
2. Display unit: gram, Newton & oz.
3. Tension & compression capability.
4. Peak hold (Max. load).
5. Zero button.
6. Full capacity zero (tare) control.
7. Fast/Slow response time push button.
8. Positive or reverse direction select.
9. Full line accessories (Adapters).
10. Hand held & stand mounted available.
11. Microprocessor circuit & exclusive load cell transducer.
12. Over load protection.
13. Force Gauge Size: 650 x 250 x 230 mm.
14. Display LCD (Liquid crystal display). Full Scale Approx. 2.0 mm max.
15. 5 digits, 10 mm (0.4") digit size. Deflection
16. Display Positive or Reverse direction, select by Power Supply 6 x 1.5 V AA (UM-3) size battery
17. Direction the push button on the front panel. or DC 9V adapter (not included).
18. Function Tension & Compression (Push & Pull). Power Approx. DC 24 mA
19. Normal force, Peak hold (Max. load) Consumption
20. Peak hold Will freeze the display value of the Transducer Exclusive load cell.

Item sr. no. 6 :-

Hand operated Insulation Tester

Make:- MECO/MOTWANE/RISHABH/SHANTI

1. Test Voltage Selectable :- 500 /1000 V DC
2. Range:- 0- 1000 M Ohm for 500 V DC
3. 0-2000 M Ohm for 1000 V DC
4. Type:- Hand driven generator type housed in metal body
5. Accessories:- Pair of test lead, Battery

Item No. 7

DIGITAL MEGGER (INSULATION TESTER) DUAL VOLTAGE 500/1000 V 0 TO 2000 MEGA OHMS RESOLUTION OF 1 M? WEGHT: 500 GM APPROX.

Make: MECO/Motwane/Rishabh.

- 1) DIGITAL MEGGER (multi range : 250V, 500V, 1000V & IR value up to 2000 M-ohms)
Model No. AGRONIC - IT2V.
- 2) Resolution: 1.0 M-ohms.
- 3) Accuracy: +/- 3 % of reading +/- 2 % least count
- 4) Display: 3 1/2 digit large LCD type of 25 mm height.
- 5) Dimensions: 175 mm (L) X 115 mm (W) X 55 mm (W) Wight: 0.5 Kgs. (Approx.).

General Specification:

- Weight: Approx 500 gms
- Supplied Accessories: Pair of leads, User manual, Battery installed.
- Safety: In accordance with IEC61010-1 and IEC61010-2- 32, double insulation DC 1000V and AC 750V, CAT-II and pollution degree II.
- (a) Range: 0 to 2000 M ohms

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- {b) Test voltage DC Selectable: 250V/500V/1000V
- (c) Single person operation
- (d) Accessories: Pilot test lead, battery (installed)
- (e) Low battery indication, 3 % Digit LCD.

I/C CHIEF ENGR.(C&O)
GSECL, WTPS



GUJARAT STATE ELECTRICITY CORPORATION LIMITED

Wanakbori Thermal Power Station, TalukaThasra, DistKheda– 388239. Ph. 91-2699-235522

Fax: 91-2699-235607e-mail: wtps.ceg@gebmil.com Website: www.gsecl.in

TA-THASRA DIST. - KHEDA - 388239

Description: Supply of Measuring instrument for EMD-7 AND CEM AT WTPS.

Reference No.: WP/SUPPLY/TECH/RFQ-30752E/EMD-7

E-Urja RFQ No.: 30752

Sr. No.	Description of materials with details of Specifications	Quantity Required	UOM	Quantity Offered by Tenderer	Unit Ex-Work s In Rs.	Packaging and Forwarding Charges per Unit in Rs.	Excise Duty per unit in Rs.	Sales Tax per unit in Rs.	Insurance Charges per unit in Rs.	Freight Charge s per unit in Rs.	Unit End Cost Price in Rs.	Total End Cost Price in Rs.
1	DIGITAL INFRARED THERMOMETER (TYPE: PORTABLE NON-CONTACT TYPE THERMOMETER, RANGE: -40 TO 800 DEG.CENTIGRADE, SIGHTING: LASER GUIDED, ACCURACY: +/- 0.5 DEG. CENTIGRADE)	2	Numbers									
2	AC/DC MINI CLAMP METER MODEL NO.2010 MAKE: KYORITSU, JAPAN	2	Number									
3	DIGITAL CLAMP ON METER LCD DISPLAY WITH BACKLIGHT, 3-3/4 DIGIT.	1	Number									
4	DIGITAL INSULATION RESISTANCE MEASURING EQUIPMENT. MAX.	1	Number									

BIDDER SIGN WITH COMPANY SEAL

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	RANGE: 1 TERA OHM, SELECTABLE VOLTAGE RANGE: 250/500/1000/2500/5000 V, PORTABLE											
5	FORCE GAUGE, MEASURING CAPACITY 5 KG, MAKE: LUTRON, MODEL NO. FG-5000A.	2	Numb er									
6	500 VOLT/0-1000 MEGA OHMS, HAND OPERATED INSULATION TESTER	1	Numb er									
7	DIGITAL MEGGER (INSULATION TESTER) DUAL VOLTAGE 500/1000 V 0 TO 2000 MEGAOHMS RESOLUTION OF 1 M? WEGHT: 500 GM APPROX.	1	Numb er									