

TECHNICAL SPECIFICATIONS
FOR THE PROCUREMENT OF
INSTRUMENT TRANSFORMER TESTER

A. RATIONALE

The Consumer Affairs Service (CAS) is primarily responsible in handling consumer complaints and ensuring the adequate promotion of consumer interests pursuant to Section 41 of the EPIRA or Republic Act No. 9136. It is also responsible in ensuring the accuracy of instrument transformers used by all distribution utilities under the jurisdiction of the Commission pursuant to Section 16 (d), (e), (f) and (g) of Commonwealth Act No. 146 otherwise known as the Public Service Act, to wit:

(d) To fix just and reasonable standards, classification, regulations, practices, measurements, or service to be furnished, imposed, observed and followed thereafter by any public service.

(e) To ascertain and fix adequate and serviceable standards for the measurement of quantity, quality, pressure, initial voltage and other condition pertaining to the supply of the products or service rendered by any public service, and to prescribe reasonable regulations for the examination and test of such product or service and for the measurement thereof.

(f) To establish reasonable rules, regulations, instructions, specifications, and standards, to secure the accuracy of all meters and appliances for measurement.

(g) To compel any public service to furnish, safe, adequate and proper service as regards the manner of furnishing the same as well as the maintenance of the necessary material and equipment.

Likewise, Section 8.1 of Resolution No. 12, Series of 2009, states that “Instrument transformer shall be tested before being placed in service to determine their compliance with the International IEC Standards or their equivalent”. The stickers attached to the instrument transformer by the ERC is a warranty that the instrument transformer operates within the allowable limits of tolerance and are acceptable to be used in service.

B. OBJECTIVE

The Consumer Affairs Service (CAS) objective is to augment the inventory with the procurement of Instrument Transformer Tester to continue the assurance that (1) the instrument transformer shall be connected only to a revenue meter and (2) the burden of the instrument transformer will not affect the accuracy of the measurement. For this reason, the Meter Division (MD) endeavored to cause the procurement of an equipment that would ensure testing of instrument transformers so the burden in each phase of the instrument transformers shall not exceed its specified burden.

C. RESPONSIBILITIES OF THE WINNING BIDDER

The following are the responsibilities/obligations of the winning bidder:

1. It shall be responsible for the safe-keeping of the items until it reaches the final destination;
2. Provide an updated Calibration Certificate issued by an ILAC-Accredited Testing Laboratory upon delivery;
3. Provide After Sales Service and Technical support;
4. Keep an inventory of consumables/ spare parts and to conduct repairs within seven (7) days from notification for minor issues or those replacements for defective parts that are locally available parts; or within ninety (90) days for major issues or those replacements for defective parts/items sourced outside the country;
5. Hands-on Training to a minimum of five (5) Meter Division Personnel to be conducted in the said site, within one (1) month from delivery, or within Two (2) weeks from the lifting local travel restriction;
6. Coordinate with the ERC General Services Division (GSD), the Meter Division (MD) at least three (3) days before the date of delivery; and
7. Provide Certificate of Warranty for One (1) Year (at least).

D. RESPONSIBILITY OF THE ERC

1. Acknowledge receipt of item including pertinent details such as quantity, date and condition of the items received;

2. Prepare payments due to the Winning Bidder after the delivery to the Main office; and
3. Return the Performance bond to the Winning Bidder after it had complied with the requirements.

E. SCHEDULE OF DELIVERY

The Winning Bidder should deliver the Equipment **within ninety (90) calendar days from receipt of the Notice to Proceed (NTP).**

F. SPECIFICATIONS OF THE INSTRUMENT TRANSFORMER TESTER AND INCLUSIONS

1 set Instrument Transformer Tester with the following specifications:

Power Supply: 85 – 264 VAC, 60Hz
Fusible Power Supply
Current Transformer Ratio Test Accuracy: 0.02%
Potential Transformer Ratio Test Accuracy: 0.02%
Ability to test CT Ratio up to 60,000/5
Ability to test CT Ratio as low as 5/5 and 2.5/5
Ability to test PT Ratio up to 500kV/110
Ability to test PT Ratio as low as 0.24kV/100
VA Rating: 1 – 300 VA
Visible Flashing LED when terminals are live
Audible Warning Sound Error Indicator
Selectable % Burden
Selectable Power Factor
Primary & Secondary Cables & Accessories
Updated Calibration / Traceability Report in accordance with ILAC-Accredited Testing Laboratory (to be provided upon delivery)
Ability to Store and Generate/Print Report of Tests
Built-in Thermal Printer
Instruction Manual (Hard and Soft Copy)
Warranty: At least One Year

G. MODE OF PROCUREMENT

The procurement shall be undertaken through **Competitive Bidding** pursuant to RA No. 9184 and its 2016 Revised IRR.

H. FUND SOURCE and APPROVED BUDGET FOR THE CONTRACT

1. The fund for this engagement shall be sourced from the Continuing Appropriation of the General Appropriations Act (GAA) for the **fiscal year 2020** of the ERC.
2. The Approved Budget for the Contract for the project is **THREE MILLION PESOS (PhP3,000,000.00)**, inclusive of Importation Fees, Freight Forwarding and Delivery Costs, Incidental and Administrative Costs, and Government Taxes and other Tariffs/Fees/ Charges.

I. PAYMENT SCHEME

1. The Total Contract Price which should not exceed the ABC of **THREE MILLION PESOS (Php 3,000,000.00)**. Payment shall be released **within thirty (30) days** after the completion of delivery of the item and final acceptance at the ERC Main office **including the Calibration Certificate issued by an ILAC-Accredited Testing Laboratory**.
2. Since the above payment shall be subject to the usual government accounting and auditing requirements, the Winning Bidder is expected to be familiar with the Government Accounting and Auditing Manual (GAAM).

J. ACCEPTANCE/REJECTION PERIOD

Testing/Inspection and Acceptance or Rejection: Within 15 calendar days from the actual delivery date, the ERC authorized representative shall test and inspect the equipment and issue either an Inspection and Acceptance Report, if equipment is in accordance with the required specifications, or a Notice of Test/Inspection Results, if there are parts or functionalities that need to be replaced or adjusted. The supplier shall be given a reasonable number of days to make the necessary corrective measures. After which, the ERC authorized representative shall test and inspect the equipment again and either issue an Inspection and Acceptance Report, if the equipment is in accordance with the specifications, or Reject if it is not found compliant with the required specifications.

K. LIQUIDATED DAMAGES

1. Where the service provider refuses or fails to satisfactorily complete the work within the specified contract time, plus any extension time duly granted and is hereby in default under the contract, the service provider shall pay ERC for

liquidated damages, and not by way of penalty, an amount, as provided in the conditions of the contract, equal to one tenth (1/10) of one percent (1%) of the cost of the unperformed portion for every day of delay. The maximum deduction shall be ten percent (10%) of the amount of the contract, of which ERC shall have the discretion to terminate the contract without prejudice to any other action or remedy it may take to recover the losses incurred as a result of the service provider's failure/non-performance, including but not limited to forfeiture of performance security and/or blacklisting of the latter.

2. Entitlement to such liquidated damages, ERC need not prove the damages actually incurred. Said damages in any amount shall be deducted from any money due or which may become due the service provider under the Contract and/or collect such liquidated damages from the retention money or other securities posted by the service provider at the ERC's convenience.

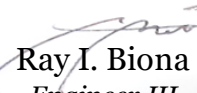
L. RESERVATION CLAUSE

The Energy Regulatory Commission (ERC) reserves the right to reject any and all bids, declare a failure of bidding or not award the contract at any time prior to contract award in accordance with Section 41 of R.A. 9184 and its IRR, without thereby incurring any liability to the affected bidder or bidders.

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