

## CSIR- NATIONAL PHYSICAL LABORATORY

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From: Director, CSIR-NPL  
No. 14-VIII/ASS(48-GTE)25PB/T-32

Dated: 18.08.2026

### **CORRIGENDUM**

With reference to NPL's Global Tender ID: **2026\_CSIR\_847191\_1** for "**Precision Power Analyser**". All the prospective bidders are hereby informed that some changes have been made in the technical specification of captioned tender. Revised specifications are as follows:

| <b>Original Specifications</b> | <b>Final Specifications</b> |
|--------------------------------|-----------------------------|
| As tendered                    | Attached as Annexure 1      |

Revised Technical specifications (Annexure-1) is also ATTACHED with this Corrigendum. Accordingly, all the interested bidders may submit their Offer as per revised technical specification.

Please also note that bids submitted without taking these changes into consideration will be rejected summarily.

All other terms will remain the same. The same is also available on CSIR-NPL official website <http://www.nplindia.in> under Tender link.

  
Sr. Controller of Stores and Purchase

**FORM TO BE FILLED BY IO WHILE CONVENING PRE-BID MEETING OF TSC.****File No. 14-VIII/ASS(48-GTE)25-PB/T-32****Date: 11 August 2026****Pre-bid Meeting (To be typed clearly by the I/O)**

Name of Indentor. \_Atul Suresh Somkuwar

Indent No. 4-VIII/ASS(48-GTE)25-PB/T-32

Item Description: **Precision Power Analyser**

(1) A pre-bid meeting of TSC was held on 12.08.2026 & representatives from M/s Hioki India Pvt Ltd., Rohde & Schwarz India Pvt. Ltd, Yokogawa India Limited and M/s Somdar Instrument Pvt Ltd were present.

(2) Following queries were raised by participating Bidders:

| Name of the Firm               | Queries Raised                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Remarks, if any                                                                                                                                                                                                                                                                                                                                               |
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| Hioki India Pvt Ltd.           | Technical Specifications S/N 7<br>Phase Shift Measurement (0 to $\pm 360.00^\circ$ )<br>0 to $\pm 180.00^\circ$ Amendment required                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Rest all points are satisfactory and complied.                                                                                                                                                                                                                                                                                                                |
| Rohde & Schwarz India Pvt. Ltd | <ul style="list-style-type: none"><li><b>Technical Specifications S/N 16</b><br/><br/>Requires Standard Accessories as Power cord, voltage/current test cable/leads, adapters, carry case and other required accessories used in conducting measurement<br/><br/><b>Query:</b> Inline with overall tender technical specifications, this is Single Channel Precision Power Analyzer, and we shall offer 1 Nos. voltage/current test cable/leads. Please advise if additional are required and its quantity. Additionally, a Carry Case is required. Please advise if this is Soft Carry Bag/Case or Polycarbonate Material Suitcase with Retractable Handle &amp; Wheels is required with cust. foaming and compartments designed for this instrument.<br/><br/>There is cost implication and we shall proceed as per your published clarification.</li></ul> | Equipment standard accessories are required<br>1. Voltage/Current Connections cables/connectors<br>2. Power Cord/Adapter if any<br>3. Data transfer and communication (Kindly refer technical specification serial no 13)<br>4. Considering safety and transportation of instrument to anywhere Polycarbonate Material case with handle & wheels is required. |
| Rohde & Schwarz India Pvt. Ltd | <ul style="list-style-type: none"><li><b>Technical Specifications S/N 19</b></li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Instrument shall be supplied with calibration certificate along                                                                                                                                                                                                                                                                                               |

|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
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|                                | <p>Query: We understand that Calibration Certificate is required to supplied for Single Channel Precision Power Analyzer. Please be kind to advise if we can supply a calibration certificate from India issued via the ERTL / ETDC.</p> <p>Would this be acceptable.</p> <p>Alternatively specify is you need it accredited to DAkkS as also brought out during the pre-bid discussions today. As you are aware, there is a significant difference in performance &amp; cost between the above discussed calibration certificates, your clarification is required for fair comparison of performance and prices by all bidders.</p> <p>As proposed during the pre-bid meeting, we are attaching one certificate and report as a reference only which is</p> <p>accredited to DAkkS, please confirm and clearly advice in the tender technical specifications if this this required.</p> | <p>with document of SI traceability to validate the technical specifications for measurement of following mandatory parameters</p> <ul style="list-style-type: none"> <li>• Voltage (120V, 240V)<br/>@ 45Hz, 52.5Hz, 70Hz and 400Hz.</li> <li>• Current (10mA, 5A, 120A)<br/>@ 45Hz, 52.5Hz, 70Hz and 400Hz.</li> <li>• AC Active Power @ 45Hz, 52.5Hz, 70Hz<br/>@ Voltage (120V,240V)<br/>@Current (10mA, 5A, 120A)<br/>@Power Factor UPF, 0.5 lag/Lead</li> <li>• AC Active Power @ 400Hz,<br/>@ Voltage (120V,240V)<br/>@Current (100mA, 5A, 30A)<br/>@Power Factor UPF, 0.5 lag/Lead</li> </ul> <p>*Note: For calibration of current/power measurement at 120A direct connected CT shall be used.</p> |
| Rohde & Schwarz India Pvt. Ltd | <ul style="list-style-type: none"> <li>• <b>Technical Specifications S/N 5 &amp; S/N 8</b></li> </ul> <p>Current Measurement with Clamp on CT(Current Transformer)</p> <p>Query: Since NPL India is the Indian NMI, your specifications require measurements stated at S/N 5, 8 in two :</p> <p>DIRECT CONNECTED (for Highest Accuracy) and</p> <p>CLAMP ON CT (For Highest Range)</p> <p>Please clarify if Calibration Certificate as per DAkkS</p>                                                                                                                                                                                                                                                                                                                                                                                                                                     | <p>Current Measurement with direct connected CT is required for highest accuracy for measurement of high current range (upto 120A)</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

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|                                | or from ERTL/ETDC is also required for the CT (Current Transformer) as well. Since this will have cost implications, your response will enable vendors to plan the bid accordingly.                                                                                                                                                                                                                           |                                                                            |
| Rohde & Schwarz India Pvt. Ltd | <ul style="list-style-type: none"> <li><b>EMD Exemption:</b><br/><br/>We are registered with DRDO, GEM and similar organizations and a regular supplier to NPL for various Test &amp; Measurement requirements. Please be kind to advise whether EMD Exemption is allowed for us. We are asking this as your tender is not specifying clearly the provisions under which EMD Exemption is allowed.</li> </ul> | As per clause 1.14 of the tender you are not exempted from payment of EMD. |
| Yokogawa India Limited         | <ul style="list-style-type: none"> <li>No Queries Raised at the time of PBC</li> </ul>                                                                                                                                                                                                                                                                                                                        |                                                                            |

### **Indentor's recommendation**

1. The comments, as received from bidders during PBC, and our response is as follows:

| Tender Specification and its number                                                                                                                           | Comment of bidder                                                                                                                                                                                               | Response of Indentor (Accepted/ Not accepted) | Revised specification (If any)                                                                                                                                                                                                                                                                           | Justification for non-acceptance |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|
| <ul style="list-style-type: none"> <li>Technical Specifications S/N 5 &amp; S/N 8</li> <li>Current/AC Power Measurements</li> <li>With Clamp on CT</li> </ul> | <p>Query: Since NPL India is the Indian NMI, your specifications require measurements stated at S/N 5, 8 in two :</p> <p>DIRECT CONNECTED (for Highest Accuracy) and</p> <p>CLAMP ON CT (For Highest Range)</p> | Accepted                                      | <ul style="list-style-type: none"> <li><b>Current Measurements using Direct Connected CT</b><br/><br/>Current Range: upto 120A or higher<br/><br/>Total Current Measurement Accuracy:<br/><br/>0.2% or better @ 40Hz to 400Hz</li> <li><b>AC Power Measurements using Direct Connected CT</b></li> </ul> |                                  |

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|                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          | <p>Current Range: upto 120A or higher</p> <p>Total Power Measurement</p> <p>Accuracy: @UPF</p> <p>0.2% or better @ 40Hz to 400Hz</p>                                                                                                                                                                                                                                                                                              |  |
| <ul style="list-style-type: none"> <li>S/N 7</li> </ul> <p>Phase Shift Measurement (0 to <math>\pm 360.00^\circ</math>)</p>                                                                                                | <p>0 to <math>\pm 180.00^\circ</math></p> <p>Amendment required</p>                                                                                                                                                                                                                                                                                                                                                                              | Accepted | <p>Phase Shift Measurement</p> <p>0 to <math>\pm 360.00^\circ</math> Or</p> <p>0 to <math>\pm 180.00^\circ</math></p>                                                                                                                                                                                                                                                                                                             |  |
| <ul style="list-style-type: none"> <li>S/N 16</li> </ul> <p>Standard Accessories:<br/>Power cord, voltage/current test cable/leads, adapters, carry case and other required accessories used in conducting measurement</p> | <p>Inline with overall tender technical specifications, this is Single Channel Precision Power Analyzer, and we shall offer 1 Nos. voltage/current test cable/leads. Please advise if additional are required and its quantity. Additionally, a Carry Case is required. Please advise if this is Soft Carry Bag/Case or Polycarbonate Material Suitcase with Retractable Handle &amp; Wheels is required with cust. foaming and compartments</p> | Accepted | <p>Equipment standard accessories are required</p> <ol style="list-style-type: none"> <li>Voltage/Current Connections cables/connectors</li> <li>Power Cord/Adapter if any</li> <li>Data transfer and communication (Kindly refer technical specification serial no 13)</li> <li>Considering safety and transportation of instrument to anywhere<br/>Polycarbonate Material case with handle &amp; wheels is required.</li> </ol> |  |

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|                                                                                                                    | designed for this instrument.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| <ul style="list-style-type: none"> <li>Technical Specifications S/N 19</li> <li>Calibration Certificate</li> </ul> | <p>We understand that Calibration Certificate is required to supplied for Single Channel Precision Power Analyzer. Please be kind to advise if we can supply a calibration certificate from India issued via the ERTL / ETDC.</p> <p>Would this be acceptable.</p> <p>Alternatively specify is you need it accredited to DAkkS as also brought out during the pre-bid discussions today. As you are aware, there is a significant difference in performance &amp; cost between the above discussed calibration certificates, your clarification is required for fair comparison of performance and prices by all bidders.</p> | Accepted | <p>Accepted when Instrument shall be supplied with calibration certificate along with document of SI traceability to validate the technical specifications for measurement of following mandatory parameters</p> <ul style="list-style-type: none"> <li>Voltage (120V, 240V) @ 45Hz, 52.5Hz, 70Hz and 400Hz.</li> <li>Current (10mA, 5A, 120A) @ 45Hz, 52.5Hz, 70Hz and 400Hz.</li> <li>AC Active Power @ 45Hz, 52.5Hz, 70Hz @ Voltage (120V,240V) @Current (10mA, 5A, 120A) @Power Factor UPF, 0.5 lag/Lead</li> <li>AC Active Power @ 400Hz @ Voltage (120V,240V) @Current (100mA, 5A, 30A) @Power Factor UPF, 0.5 lag/Lead</li> </ul> <p>*Note: For calibration of</p> |  |

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|  |  |  | current/power<br>measurement at 120A<br>direct connected CT shall<br>be used. |  |
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**FORM TO BE USED BY TSC FOR FINALISING PRE-BID MINUTES****File No. 14-VIII/ASS(48-GTE)25-PB/T-32****Date: 11 August 2026****TSC Minutes (To be typed clearly by the I/O)**

Based on the Pre-bid meeting and recommendation of I/O, following changes have been made in the specifications:

| <b>Sr. No.</b> | <b>Original Specifications</b>                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>Final Specifications</b>                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1              | <p>Serial No. 5 of Technical Specification for Parameter Current</p> <p>Current</p> <p>a. Direct Connected</p> <p>Current Range: 10mA to 30A</p> <p>Accuracy: @5A</p> <p>0.02% of reading +/- 0.04% of range or better @ 45Hz to 55Hz</p> <p>0.04% of reading +/- 0.04% of range or better @ 55Hz to 400Hz</p> <p>b. With Clamp on CT</p> <p>Current Range: upto 120A or higher</p> <p>Total Current Measurement Accuracy: 0.2% or better @ 40Hz to 400Hz</p> | <p>Final specification at Serial No. 5</p> <p>Current</p> <p>a. Direct Connected</p> <p>Current Range: 10mA to 30A</p> <p>Accuracy: @5A</p> <p>0.02% of reading +/- 0.04% of range or better @ 45Hz to 55Hz</p> <p>0.04% of reading +/- 0.04% of range or better @ 55Hz to 400Hz</p> <p>b. <b>Direct Connected CT</b></p> <p>Current Range: upto 120A or higher</p> <p>Total Current Measurement Accuracy: 0.2% or better @ 40Hz to 400Hz</p> |
| 2              | <p>Serial No. 8 of Technical Specification for Parameter AC Power</p> <p>a. Direct Connected</p> <p>Current Range: 5mA to 30A</p> <p>Accuracy: @240V, 5A and UPF and @120V, 5A and UPF</p> <p>0.02% of reading +/- 0.05% of range or better @ 45Hz to 55Hz</p> <p>0.04% of reading +/- 0.05% of range or better @ 55Hz to 400Hz</p>                                                                                                                           | <p>Final specification at Serial No. 8</p> <p>a. Direct Connected</p> <p>Current Range: 10mA to 30A</p> <p>Accuracy: @240V, 5A and UPF and @120V, 5A and UPF</p> <p>0.02% of reading +/- 0.05% of range or better @ 45Hz to 55Hz</p> <p>0.04% of reading +/- 0.05% of range or better @ 55Hz to 400Hz</p>                                                                                                                                     |



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|   | <p>b. With Clamp on CT<br/>Current Range: upto 120A or higher</p> <p>Total Power Measurement</p> <p>Accuracy: @UPF</p> <p>0.2% or better @ 40Hz to 400Hz</p>                                                                                                                                                               | <p>b. <b>Direct Connected CT</b><br/>Current Range: upto 120A or higher</p> <p>Total Power Measurement</p> <p>Accuracy: @UPF</p> <p>0.2% or better @ 40Hz to 400Hz</p>                                                                                                                                                                                                                                                                                                                                                                     |
| 3 | <p>Serial No. 7 of Technical Specification for Parameter Phase Shift Measurement</p> <p>0 to <math>\pm 360.00^\circ</math></p>                                                                                                                                                                                             | <p>Final specification at Serial No. 7<br/>Phase Shift Measurement</p> <p>0 to <math>\pm 360.00^\circ</math> or <b>0 to <math>\pm 180.00^\circ</math></b></p>                                                                                                                                                                                                                                                                                                                                                                              |
| 4 | <p>Serial No. 16 of Technical Specification for Parameter Standard Accessories</p> <p>Power cord, voltage/current test cable/leads, adapters, carry case and other required accessories used in conducting measurement</p>                                                                                                 | <p>Final specification at Serial No. 16 for Standard Accessories</p> <p>Equipment standard accessories are required</p> <ol style="list-style-type: none"> <li>1. Voltage/Current Connections cables/connectors</li> <li>2. Power Cord/Adapter if any</li> <li>3. Data transfer and communication (Kindly refer technical specification serial no 13)</li> <li>4. Considering safety and transportation of instrument to anywhere Polycarbonate Material case with handle &amp; wheels is required.</li> </ol>                             |
| 5 | <p>Serial No. 19 of Technical Specification for Calibration Certificate</p> <p>Instrument shall be supplied with calibration certificate along with document of SI traceability.</p> <p>Calibration Points: Voltage, Current &amp; Power calibration at reference voltage, current, power factors and frequency points</p> | <p>Final specification at Serial No. 19 for Calibration Certificate</p> <p>Instrument shall be supplied with calibration certificate along with document of SI traceability to validate the technical specifications for measurement of following mandatory parameters</p> <ul style="list-style-type: none"> <li>• Voltage (120V, 240V)<br/>@ 45Hz, 52.5Hz, 70Hz and 400Hz.</li> <li>• Current (10mA, 5A, 120A)<br/>@ 45Hz, 52.5Hz, 70Hz and 400Hz.</li> <li>• AC Active Power @ 45Hz, 52.5Hz, 70Hz<br/>@ Voltage (120V, 240V)</li> </ul> |

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|  |  | <p>@Current (10mA, 5A, 120A)<br/> @Power Factor UPF, 0.5 lag/Lead</p> <ul style="list-style-type: none"> <li>AC Active Power @ 400Hz<br/> @ Voltage (120V,240V)<br/> @Current (100mA, 5A, 30A)<br/> @Power Factor UPF, 0.5 lag/Lead</li> </ul> <p>*Note: For calibration of current/power measurement at 120A direct connected CT shall be used.</p> |
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### Technical Specification: Precision Power Analyzer

**Scope:** A Precision Power Analyzer is used for maintaining CMCs of AC power & energy parameter and providing measurement traceability through calibration and testing at apex level.

The power analyzer must be compatible to various power/energy measurement devices as listed below:

- AC Power Source
- Clamp meters

### Technical Specifications

| Sr. No. | Parameter            | Specifications                                                                                                                                                                                                                |
|---------|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.      | Type                 | Power Analyzer                                                                                                                                                                                                                |
| 2.      | Phase                | Single Phase                                                                                                                                                                                                                  |
| 3.      | Measurement Function | Voltage, Current, Watt, Power Factor, kWh, kVAh, kVA, Frequency, Phase angle, Voltage peak, Current peak, Crest factor of Voltage & Current and other electrical related parameter                                            |
| 4.      | Voltage              | Voltage Range: 5V to 550V<br><br>Accuracy:<br>@240V and @120V<br><br>0.02% of reading +/- 0.04% of range or better @ 45Hz to 55Hz<br><br>0.04% of reading +/- 0.04% of range or better @ 55Hz to 400Hz                        |
| 5.      | Current              | <b>a. Direct Connected</b><br><br>Current Range: 10mA to 30A<br><br>Accuracy:<br>@5A<br><br>0.02% of reading +/- 0.04% of range or better @ 45Hz to 55Hz<br><br>0.04% of reading +/- 0.04% of range or better @ 55Hz to 400Hz |

|    |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
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|    |                                                  | <b>b. Direct Connected CT</b><br><br>Current Range: upto 120A or higher<br><br>Total Current Measurement Accuracy:<br><br>0.2% or better @ 40Hz to 400Hz                                                                                                                                                                                                                                                                                                                                              |
| 6. | Frequency Measurement                            | 40.00 to 400.00 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 7. | Phase Shift Measurement                          | 0 to $\pm 360.00^\circ$ or 0 to $\pm 180.00^\circ$                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 8. | AC Power                                         | Active, Reactive and Apparent Power<br><br><br><b>c. Direct Connected</b><br>Current Range: 10mA to 30A<br><br><br>Accuracy:<br><br>@240V, 5A and UPF and<br><br>@120V, 5A and UPF<br><br><br>0.02% of reading +/- 0.05% of range or better @ 45Hz to 55Hz<br><br>0.04% of reading +/- 0.05% of range or better @ 55Hz to 400Hz<br><br><b>d. Direct Connected CT</b><br>Current Range: upto 120A or higher<br><br>Total Power Measurement<br><br>Accuracy: @UPF<br><br>0.2% or better @ 40Hz to 400Hz |
| 9. | Harmonics Measurements<br><br>40.00 to 400.00 Hz | 40 <sup>th</sup> order of voltage/current value or higher                                                                                                                                                                                                                                                                                                                                                                                                                                             |

|            |                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
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| <b>10.</b> | Range Selection                            | Auto Range and Manual mode                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>11.</b> | Display                                    | There must be provision for read & selection of ranges on display                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>12.</b> | PC & Interface                             | <p>There should be provision for continuous monitoring and recording of numerical and waveform data in PC through any mode of communication cable.</p> <p>Computer Specification</p> <ul style="list-style-type: none"> <li>a. CPU Processor: Intel Core 7 processor</li> <li>b. Speed&gt;2.8GHz</li> <li>c. Memory: minimum 16 GM RAM or higher</li> <li>d. Storage: SSD 1TB</li> <li>e. Graphics Card</li> <li>f. Operating System: latest version of Microsoft Windows</li> <li>g. Microsoft Office: latest version with perpetual license permanent (lifetime)</li> <li>h. Antivirus latest version</li> <li>i. Separate Monitor Screen Size: 32 inch</li> <li>j. Keyboard</li> <li>k. Mouse</li> </ul> |
| <b>13.</b> | Data Transmission / Communication Protocol | There should be provision for Data Transmission / Communication open-source protocol using Ethernet, USB, GPIB, or RS232 or by any means to control the power analyzer.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>14.</b> | Power Supply                               | Indian Electricity Requirements                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>15.</b> | Safety Standard                            | As per Indian/International Standard                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>16.</b> | Standard Accessories                       | <p>Equipment standard accessories used in conducting measurement</p> <ul style="list-style-type: none"> <li>5. Voltage/Current Connections cables/connectors</li> <li>6. Power Cord/Adapter if any</li> <li>7. Data transfer and communication (Kindly refer technical specification serial no 13)</li> <li>8. Considering safety and transportation of instrument to anywhere Polycarbonate Material case with handle &amp; wheels is required.</li> </ul>                                                                                                                                                                                                                                                 |
| <b>17.</b> | Warranty                                   | 1 year                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>18.</b> | Installation and Commissioning             | Supplier/ Manufacturer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>19.</b> | Calibration Certificate                    | Instrument shall be supplied with calibration certificate along with document of SI traceability to validate the technical specifications for measurement of following mandatory                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

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|  |  | <p>parameters</p> <ul style="list-style-type: none"> <li>• Voltage (120V, 240V)<br/>@ 45Hz, 52.5Hz, 70Hz and 400Hz.</li> <li>• Current (10mA, 5A, 120A)<br/>@ 45Hz, 52.5Hz, 70Hz and 400Hz.</li> <li>• AC Active Power @ 45Hz, 52.5Hz, 70Hz<br/>@ Voltage (120V,240V)<br/>@Current (10mA, 5A, 120A)<br/>@Power Factor UPF, 0.5 lag/Lead</li> <li>• AC Active Power @ 400Hz<br/>@ Voltage (120V,240V)<br/>@Current (100mA, 5A, 30A)<br/>@Power Factor UPF, 0.5 lag/Lead</li> </ul> <p>*Note: For calibration of current/power measurement at 120A direct connected CT shall be used.</p> |
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