



**Pre-Bid Queries**  
**TPNODL/OT/2021-22/47**

**Tender Description: RATE CONTRACT FOR AUDIT OF GRIDS (PRIMARY SUBSTATIONS) in Pan TPNODL Area**

| S. No.     | Tender Reference   | Bidder's Pre-Bid Query   | TPNODL's Response  |
|------------|--|--|--|
| <b>01.</b> | 5.1 Checking & Testing of Power Transformer (PTR), Page no – 21/148<br><br>m) Fire prevention and fire-fighting arrangements etc.  | Please describe the details scope of work.   | Already mentioned on page -21/22.<br><br>m) Status of Fire prevention & Protection sys etc to be mentioned   |
| <b>02.</b> | 5.2 Checking & Testing of 33 kV & 11 kV Circuit Breaker, Page no – 22/148<br><br>h) Vermin proofing of outdoor and indoor switchgear                                       | Please describe the details scope of work. Understands all the spare, consumables etc. shall be provide by TPNODL.   | Scope is already mentioned; however, the rectification of observed defect has not been included in this scope. Spare / consumables are not required                          |
| <b>03.</b> | 5.9 Checking & Testing of Battery and Battery Charger, Page no – 25/148<br><br>Checking & Testing of Battery and Battery Charger   | Please update whether authorized service personnel is required for this activity or not.<br><br>is Repairing, Rectification work included?<br>Actually it is suggest to having authorized person to do the maintenance work for chargers.  | Skilled person should carry out Specific gravity / battery voltage measurements as per scope.<br>Repairing and rectification is not included in this scope                   |
| <b>04.</b> | 5.11 Switchyard, Page no – 25/148<br><br>a) Measurement of earth mat and individual earth pit resistance if feasible   | In-case of excavation work / civil work, same shall be supported by TPNODL.  | OK   |
| <b>05.</b> | 6. Timelines, Page no – 26/148<br><br>The entire substation audit work to be completed in three phases spread over seven months as mentioned in table-1 and Table-2 below: | Please update, whether compete job (three phase - 217 nos of substation) needs to complete within 7 month or 6+6+6 = 18 Month.<br><br>Please update the no of substation shall be given for testing and maintenance per month.<br><br>Duration of shutdown time for each substation.<br><br>Please also update whether part bay shutdown or complete substation shutdown shall be taken. | Minimum 7 months and maximum 10 months<br><br>We would like to complete GRID AUDIT as earliest as possible of all PSS .<br>4hrs - 6hrs<br><br>Yes both option are available. |



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| 06.    | Additional       | <p>Please confirm the followings are included in the scope of work or not.</p> <ul style="list-style-type: none"> <li>- Cleaning of insulators of individual equipment.</li> <li>- Replacement of spares parts</li> <li>- Any kindly of supply of spare Consumable in TPNODL scope</li> <li>- Repairing, servicing of retrofitting is excluded.</li> <li>- Technicians and Helps support for execution time are in Vendor scope.</li> <li>- Historic logbook for preparation for each equipment's (substation wise)</li> <li>- TPNODL shall provide the previous testing data for Trend analysis and bar chart preparation for each equipment's.</li> <li>- Preparation of maintenance check list for ach equipment's.</li> <li>- Oil testing (IS 1866 and DGA) shall be carried out at NABL aggregate lab.</li> </ul> | <p>Cleaning and insulators of individual equipment, Replacement of spare parts are not in vendor scope.</p> <p>We don't have past testing records.</p> <p>Vendor has to submit all testing records.</p> <p>Oil testing (IS 1866 and DGA) shall be carried out at NABL aggregate lab.</p> |
| 07.    | Additional       | <p>Please confirm the exclusions,</p> <p><b>Exclusions</b></p> <ul style="list-style-type: none"> <li>▪ Supply of any kind of spares / parts, consumables &amp; special Tools etc.</li> <li>▪ Arrangement of Ladder/ man Lifter/ scaffolding etc.</li> <li>▪ Overhauling, repair &amp; rectification work any kind.</li> <li>▪ Erection and commissioning support of any-kind.</li> <li>▪ Charging clearance &amp; statutory approval any kind.</li> <li>▪ Connection &amp; Disconnection any kind.</li> <li>▪ Arranging gate pass, work permit and maintain</li> <li>▪ Isolation of HT line</li> <li>▪ Arrangement of power Supply, sufficient illumination and all other necessary arrangements for execution.</li> </ul> <p>Any other measurement not mentioned in the scope of work documents.</p>                 | <p>Handing over the equipment will be given by Divisional engg to BA for required testing job.</p> <p>Arrangement of Power Supply will be provided by TPNODL.Extension board to be bring by BA.</p>  |



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| <b>08.</b>    | 7. Annexure-1 :<br>List of TPNODL substations (PSS) for detailed technical audit.<br><br>List of TPNODL substations (PSS) for detailed technical audit  | Please share the list. Attachment is missing.   | OK, Attachment will be shared                                      |
| <b>09.</b>    | 8. Annexure-2 : Bidder (BA) Qualification Requirement: Page No – 27/148<br><br>4. BA shall deploy Diploma / BE electrical engineers for overall audit job who shall be supported by ITI certified electricians & skilled helpers. | Understand helper and Technicians shall for testing and maintenance work shall be provided by TPNODL.<br>Contract shall depute only Engineer with test kit for measurement purpose. | Helper and Technicians will be provided by BA along with engineer. |
| <b>10.</b>    |   |   |  |
| <b>11.</b>    |   |   |  |

**Note: - This document shall form an integral part of tender and should be submitted along with the tender document.**