



**REPLIES TO PRE-BID QUERIES ("SITC OF METER TEST BENCH" - Tender no. TPCODL/P&S/29/2020-21)**

S. no.	Tender Clause	Query / Clarification required	Bidder Suggestion	TPCODL Reply
<b><i>For Specification of fully Automatic Twenty position Meter Test bench for Single Phase Meters</i></b>				
6	Clause no. 5.3 point no 8 Current Amplifier  VA rating not less than 600VA	VA rating not less than 1200VA	It may be noted that the asked VA rating for testing of 20 single phase meters are not sufficient hence with the asked VA rating the test bench will not be able to work with its full loading.	Accepted
7	Display – The reference meter shall have following display parameters (All the parameters also required in actual graphical mode with waveform with THD% value.)	Display – The reference meter shall have following display parameters (All the parameters also required in actual graphical mode with waveform with THD% value on associate PC software)	It may be noted that complete test bench will be used using associate PC software, on which the asked parameter in actual graphical mode is required, and no any human interface to any device is required hence graphical data shall be asked on associate PC software.	Accepted
8	Clause no. 5.5 Specification of Multi secondary Voltage transformer/ICT  ICT is required for test of MAIN & NEUTRAL Element test together. For 20 position test bench 4 Numbers of ICT would be required and delivered.	It shall be clarified that  If 4 nos. of ICT required with test bench which will be sufficient to test 6 nos. of Single phase meters with neutral and phase element together but In case of testing of 20 Single phase meters with main and neutral element together 14 Numbers of ICT would be required, accordingly the VA rating of current amplifier also shall be increase to at least 2800VA	It may be noted that the asked Nos. of ICT are not sufficient to test 20 nos. of Single phase meters with main and neutral element testing together. It shall be clarified that what nos. of ICTs are required to be supplied. In view of the same the VA rating of Current amplifier also shall be defined.	As per technical specification
9	Clause no.7.1 & Clause no. 8.0 Type test  Bidder must submit type test certificate of similar model fully automatic test system as per IS12346	For such system calibration certificate of ERSS shall be asked.	Calibration certificate asked in lieu of type test.	As per technical specification
10	Clause no. 8.0  .... For Communication testing any approved laboratory or international acclaimed lab or equivalent will also suffice at the discretion of TPODCL	It is asked for communication test from national /international accredited laboratory but no whereas it is asked for communication testing in the test bench specification. Details of tests to be conducted on meter communication shall be mentioned in the specification.	We understand that communication testing from approved laboratory asked in view of Testing of smart communicable meters with test bench.  Please clarify that testing of smart meters and its communication is required in this test bench or not.  If it is required the specification then the test details shall be elaborated. We are attaching herewith specification from other utilities where-in they have asked facility and test for the smart meters testing as per Is15959 and IS16444.	As per technical specification
11	Clause no. 11.0 Guarantee: ....for a period of at least 60 months....  Bidder shall further be responsible for free replacement at Site for another period of three years from the end of guarantee period for any "latent defects" if noticed and reported by purchaser.	There requirement is not clear, is that asked for another warranty for three years.	Already guarantee asked for 60/66 months, requirement for further free replacement for "latent defects" are not clear. It shall be clarified.	As per technical specification



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17	<p>Clause no. 5.9</p> <p>Point no. 8</p> <p>Accuracy test for Three phase Meter for phase &amp; Neutral channel for same magnitude of current.</p> <p>Accuracy test for Three phase Meter in case of reverse power for phase &amp; Neutral channel for same magnitude of current.</p>	<p>The requirement is not clear since in three phase meters Accuracy for neutral Element is not applicable. Please clarify if the functionality required for single phase meters testing in three phase test bench.</p>	<p>The requirement shall be clarified.</p>	<p>Accuracy for neutral Element is not applicable.</p>
18	<p>Clause no.7.1 &amp; Clause no. 8.0</p> <p>Type test</p> <p>Bidder must submit type test certificate of similar model fully automatic test system as per IS12346</p>	<p>For such system calibration certificate of ERSS shall be asked.</p>	<p>Calibration certificate asked in lieu of type test.</p>	<p>As per technical specification</p>
19	<p>Clause no. 8.0</p> <p>.... For Communication testing any approved laboratory or international acclaimed lab or equivalent will also suffice at the discretion of TPODCL</p>	<p>It is asked for communication test from national /international accredited laboratory but no whereas it is asked for communication testing in the test bench specification.</p>	<p>We understand that communication testing from approved laboratory asked in view of Testing of smart communicable meters with test bench.</p> <p>Please clarify that testing of smart meters and its communication is required in this test bench or not.</p> <p>If it is required the specification then the test details shall be elaborated. We are attaching herewith specification from other utilities where-in they have asked facility and test for the smart meters testing as per Is15959 and IS16444.</p>	<p>As per technical specification</p>
20	<p>Clause no. 11.0</p> <p>Guarantee: ....for a period of at least 60 months....</p> <p>Bidder shall further be responsible for free replacement at Site for another period of three years from the end of guarantee period for any "latent defects" if noticed and reported by purchaser.</p>	<p>There requirement is not clear, is that asked for another warranty for three years.</p>	<p>Already guarantee asked for 60/66 months, requirement for further free replacement for "latent defects" are not clear. It shall be clarified.</p>	<p>As per technical specification</p>
21	<p>7.1. Special Conditions of Contract</p> <p>Performance Bank Guarantee</p>	<p>PBG applicable shall be 10% of Order Value. PBG submitted, shall be released after completion of applicable guarantee period plus one month.</p>	<p>As per GCC, PBG for Rate Contract shall be 5% of the order value. Kindly confirm.</p>	<p>PBG applicable shall be 5% of Rate Contract Value. PBG submitted, shall be released after completion of applicable guarantee period plus one month.</p>