

**ANNEXURE-1**

**LIST OF EQUIPMENT LOT-12**

<b>Sl. No.</b>	<b>Description</b>	<b>Quantity Nos</b>	<b>Recommended Make</b>
1	Digital Earth clamp tester	1	Motwane/Kyoritsu/Hioki

## ANNEXURE-24

### 1. TECHNICAL SPECIFICATION FOR DIGITAL EARTH CLAMP TESTER

Sr. No.	Specification	Yes/No
1	The Digital Earth Clamp Tester is required for the measurement of Resistance of Earth under the following conditions: <ul style="list-style-type: none"><li>➤ To measure earth resistance, earth bond &amp; leakage current measurement</li><li>➤ Measures Earth Resistance of the electrical ground rod and grid.</li><li>➤ To test the quality of the grounding without disconnecting the ground rod under test.</li></ul>	
2	Digital Earth Tester shall be robust, compact instrument designed for measuring electrode resistance.	
3	The instrument shall have recording facility to analyze the results later.	
4	Minimum Resistance measurement range	0.01 $\Omega$ to 1200 $\Omega$
5	Minimum current measurement range	0 to 20 A
8	Single Measurement Time	0.5 Second or better
9	Resistance Measurement Frequency	> 1 KHz or better
10	Current measurement Frequency	50Hz
11	Protection Level	Double Insulation