


 <b>BHEL-EMRP</b> <b>MUMBAI</b>	<b>TECHNICAL SPECIFICATION PART-II</b> <b>FOR</b> <b>ELECTRICAL WORKSHOP EQUIPMENTS</b> <b>TESTING DEVICES</b>	<b>SPECIFICATION NO.</b> <b>EM-VYASI-EWS-PTS-50</b>	
		<b>Rev. No.</b>	<b>00</b>
	<b>2 x 60 MW VYASI HEP</b>	<b>Date</b>	<b>29.06.2022</b>

**PARTICULAR TECHNICAL SPECIFICATIONS**

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<b>PREPARED BY</b>	<b>CHECKED &amp; APPROVED BY</b>

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### (1) Details of Equipments

**Bidder must quote the make, model No, material description & quantity offered in their quotation /bid, as specified below. Bidder's alternate description can also be given in separate column.**

#### Completeness of Equipment

Each of the equipment listed shall be complete with applicable accessories like power supply main leads, screened guard leads, screened line test leads, earth leads, connectors and clips, leather carrying case and any other accessories required for completing the equipment. Bidder has to mention technical details & quantity of each item under this category along with offer.

Sl. No	Item / Technical Details	Qty	Details of Equipment offered by the Bidder	
			Make	Model & Catalogue No.
1	<p><b>Primary current injection set</b></p> <ul style="list-style-type: none"> <li>➤ The equipment offered shall be trolley mounted and shall consist of double wound transformer having primary winding rated for 230 V, 20kVA and eight secondary windings each rated for 500 A, 5V. By connecting secondary windings in series, parallel and in series parallel, current range of 500A, 1000A, 2000A, 3000A and 4000A shall be obtainable.</li> <li>➤ All the secondary shall be brought out which shall be selectable by means of links for the above arrangement. Oil cooled type continuous rated Auto Transformer of 20 KVA rating for obtaining stepless variation on output shall be provided. Unit shall be supplied with first filling of oil plus 10% extra oil and output connecting cable suitable for 4000 Amps and of 15m length. The cable should</li> </ul>	1 No.	RE, Ajit, Udeyraj, ETM, Programma OR Any other reputed make	

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	<p>have two cores and should be provided with suitable clamps at both the end of the cable for testing of any outdoor EHV equipment.</p> <p>➤ Technical Parameter</p> <ul style="list-style-type: none"> <li>• I/P – 230V, 1 ph, AC 50Hz</li> <li>• O/P: 500A, 1000A, 2000A, 3000A, 4000A</li> <li>• Duty cycle: intermittent</li> <li>• Accuracy: ± 1%</li> </ul>			
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