

		<ul style="list-style-type: none"> <li>○ HV spray system on transformers</li> <li>○ Portable extinguishers</li> <li>○ Mobile firefighting system</li> </ul>
<b>28</b>	<b>Hazardous Area</b>	<p>Electrical equipment shall meet the selection requirements of the Indian standards IS: 16724/IEC: 60079 and its part.</p> <p>All electrical equipment for hazardous area shall be certified by PESO, ATEX, UL for the service and the area in which it is to be used.</p> <p>All indigenous flameproof equipment shall have BIS license.</p> <p>PESO approval shall be obtained for equipment installed in hazardous area for both indigenous and imported equipment's.</p>
<b>29</b>	<b>Type, Routine &amp; Acceptance Test</b>	<p>All equipment's to be supplied shall be of type tested design. The Contractor shall submit for owner's approval the reports of all the type tests as per relevant IS/IEC Standard and carried out not earlier than ten years prior to the date of bid opening. These reports should be for the tests conducted on the equipment similar to those proposed to be supplied under this contract and the test should have been either conducted at an independent laboratory or should have been witnessed by a client.</p> <p>In case the Contractor is not able to submit report of the type test conducted not earlier than ten years prior to the date of bid opening, or in case the type test report are not found to be meeting the requirements, the Contractor shall conduct all such tests under this contract at no additional cost either at third party lab in presence of client/owner's representative and submit the reports for approval.</p> <p>All routine &amp; acceptance tests as per the relevant standards shall be carried out.</p>
<b>30</b>	<b>Field Testing &amp; Commissioning</b>	<p>Contractor shall carry out the installation, field testing and commissioning of all items of electrical equipment. Further appropriate test and commissioning reports and as-built documentation as necessary for all electrical equipment shall be provided.</p> <p>Obtaining clearance for energizing the complete electrical facilities covered under this tender and approval of installation / drawings from central electrical inspector and any other concerned approving authority e.g. CEA, TAC, CCE, DGFASLI etc. is in contractor scope.</p>
<b>31</b>	<b>Guarantee</b>	<p>The contractor shall guarantee the installation for satisfactory operation against any defects of workmanship and materials (supplied by the contractor) for a period as specified elsewhere. Any damage or defect connected with the erection of materials, equipment or fittings supplied by the contractor that may be discovered at the time of issue of the completion certificate, or arise or come to light thereafter, shall be rectified or replaced by the contractor at his own expense as deemed necessary and as per the</p>