

ANNEXURE - I

Ref. No.: OED0312

Date: 21.11.12

DUE DATE: 10.12.12

SL. NO.	DESCRIPTION	QUANTITY
1	<p>Hydraulic pump: Minimum pressure of 1 bar to maximum pressure of 1000 bar medium water. The pressure inside the pump should be able to control along with correct digital indication.</p> <p>For measuring the pressure the pressure sensors and strain gauges along with software for measuring the variations directly should be provided.</p> <p>Dimension of the samples used in testing: 20mm to 200~300mm in diameters and length of the sample 40mm to 120~200mm. A suitable casing should be provided for holding the sample firmly figure attached for reference.</p> <p>A privilege for placing the sample in flexible gasket should be provided and it should be movable.</p> <p>Work table construction is shown in the figure below; it should be made with high quality fabrication techniques using mild steel with powder coating.</p> <p>Care should be taken such that in future the accessories shown below must be easily mounted</p> <p><u>Accessories:</u></p> <ol style="list-style-type: none"> 1. Device for introducing proppant like sands, ceramics and gels along with water in hydraulic pump. 2. Strain gauges on sample for measuring the deflections. 3. One furnace for heating of samples 	1

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