



**THANTHAI PERIYAR GOVERNMENT INSTITUTE OF TECHNOLOGY,
VELLORE-632002.
DEPARTMENT OF CIVIL ENGINEERING**

Tender Reference No: TPGIT/VELLORE/CIVIL/01/A3/2020

Purchase of Linear Actuators of 10 Ton Capacity

Description & Specifications of the Linear Actuators to be purchased:

S. No.	Name & Description	Quantity Required												
1	<p>This system can be effectively used to test lighter and smaller equipment for seismic loading in one axis at a time.</p> <table><tr><td>Force rating</td><td>10 Tonnes</td></tr><tr><td>Frequency range</td><td>0.1 to 150 Hz</td></tr><tr><td>Displacement</td><td>+ 50 mm</td></tr><tr><td>Accuracy</td><td>+ 1%</td></tr><tr><td>Operating pressure</td><td>280 bars</td></tr><tr><td>Types of Vibration</td><td>Sine, Random, Sweep</td></tr></table> <p>A complete servo-actuator assembly includes the actuator, servo valve, load cell, and swivels. The load cell and rod end swivel require attachment kits for connecting these components to the actuator. Servo valves, load cells, rod end swivels, and attachment kits for an actuator assembly are to be supplied with it.</p>	Force rating	10 Tonnes	Frequency range	0.1 to 150 Hz	Displacement	+ 50 mm	Accuracy	+ 1%	Operating pressure	280 bars	Types of Vibration	Sine, Random, Sweep	01
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