

# Commodity Description

Item	Vibration Isolator for Seismic Mass
Description	<p>This proposal contain subsection.</p> <p>1) <b>Spring unit (20ea)</b></p> <ul style="list-style-type: none"><li>·5 units should be installed in 4 sides of seismic mass (length: about 6.8m)</li><li>·Dimension : 250mm x 500mm</li><li>·Interface of seismic mass : 220mm x 350mm</li><li>·Each unit should be compressed initially to installed below seismic mass and thereafter each unit can be released to nominal height position</li><li>·Nominal height : 427mm</li><li>·Initial compressed height : 445mm</li><li>·Nominal load capacity : &gt; 17 tons / each</li><li>·Vertical spring rate: 2.2 kN/mm (tolerance +/- 10% )</li><li>·Horizontal spring rate: 0.3 kN/mm (tolerance +/- 10% )</li><li>·Non-slip layer should be attached on the side of interface plane</li><li>·After whole installation, the unit is free to adjust the height</li></ul> <p>2) <b>Viscous Damper (4ea)</b></p> <ul style="list-style-type: none"><li>·4 units should be installed in 4 corner of seismic mass</li><li>·Dimension : 250mm x 250mm</li><li>·Interface of seismic mass : 210mm x 210mm (Fixed by M16 bolts 4EA)</li><li>·Nominal height : 427mm</li><li>·Vertical damping rate: 130 kNs/m (tolerance +/- 10%)</li><li>·Horizontal spring rate: 80 kNs/m (tolerance +/- 10%)</li><li>·Non-slip layer should be attached on the side of interface plane</li><li>·After whole installation, the unit is free to adjust the height</li></ul>