**Ref No. 188 (PR No.1000017796)**                    **(Rfx No.6100000734)**

## Technical Specification for Raspberry Shake Seismograph/Accelerograph or substantially equivalent

1. All-in-one Raspberry Shake 3D (**RS3D | all weather**) seismograph which comprises a 3-component velocity geophones, 24-bit ADC Sigma-Delta digitizer with essential accessories.

**Number of seismographs**: 15

2. All-in-one Raspberry Shake 4D (**RS4D | all weather**) vertical velocity and triaxial (east, north, and vertical) MEMS sensors along with 24-bit ADC Sigma-Delta digitizer and essential accessories.

**Number of seismographs:** 02

3. **Raspberry Shake Bundle 2**, one RS1D (indoor Vertical Axis Seismograph), one RS4D (indoor Vertical velocity and triaxial (east, north, and vertical) MEMS sensors), cut open geophone for demonstration purposes, 16-port Ethernet switch, and Raspberry Pi Starter Kit (Includes screen, keyboard, mouse, power supply, and more! Everything to utilize Raspberry Pi to the fullest).

**Number of seismographs:** 01