

## TECHNICAL SPECIFICATIONS AND OTHER ALLIED REQUIREMENT

---

SI No.	Description of items	Quantity
PUR/393/SIP/AM/E/2019-20/RET		
1	SUPPLY TESTING INSTALLATION AND COMMISSIONING VIBRATION ANALYSER	1

### 1. INSTALLATION, COMMISSIONING AND TRAINING

- 1.1. The ordered goods are required to be installed and commissioned within 15 days of receipt of goods at final destination. Installation should be carried out only by expert engineers of Supplier / Manufacturer. During the course of installation, necessary training on operation and maintenance of the goods shall be imparted to Institute's Scientist / Engineers/Technicians.

### 2. WARRANTY

- 2.1. Comprehensive on-site warranty for a period of TWO YEARS must be provided to be effective from the date of successful completion of the job and final acceptance of the items / equipment at the user's laboratory / Institute.

Equipment details:

Sl. No.	Details of items	Qty.
1.	<b><u>Vibration Analyser with necessary accessories</u></b>  <b>Specifications:</b> <ul style="list-style-type: none"> <li>• Stand-alone 4-ch. simultaneous data acquisition</li> <li>• Bandwidth: DC to 20 kHz or higher</li> <li>• Sampling rate: more than 80 kHz</li> <li>• Power: AC/DC with battery backup</li> <li>• USB connectivity with PC/Laptop</li> <li>• Accelerometer sensor 4Nos. along with necessary accessories</li> <li>• Sensor sensitivity: 100mV/g or better</li> <li>• Sensor measuring range: <math>\pm 50g</math> or more</li> <li>• Sensor frequency range: 0.1Hz to 6kHz</li> <li>• External 17" prominent display capable of doing detail analysis for onsite</li> <li>• Suitable software for data acquisition, analysis and reporting</li> <li>• Time domain analysis, batch processing of multiple sets of time recordings</li> <li>• Stationary and non-stationary FFT analysis</li> <li>• Warranty for 2 years or more</li> <li>• Demonstration &amp; Training</li> </ul>	1No.