

## SCHEDULE OF REQUIREMENT AND TECHNICAL SPECIFICATIONS

SI No.	Description of items	Quantity
<b>PUR/589/ERT/SB/E/2019-20</b>		
SUPPLY AND INSTALLATION OF		
1	MINI SHAKER WITH INTEGRATED POWER AMPLIFIER	1
2	HORIZONTAL SLIP TABLE [ SIZE : 12" X 12" OR MORE ] AND VERTICAL HEAD EXPANDER SUITABLE FOR THE ABOVE SAID VIBRATION SHAKER	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 installation and commissioning and final acceptance of the items / equipment at the user's laboratory / Institute.

### 3. QUALIFICATION CRITERIA

- 3.1. BIDDER MUST BE THE ORIGINAL EQUIPMENT MANUFACTURER [ OEM ] OF THE ITEM(S) BEING OFFERED OR THE AUTHORISED DEALER / DISTRIBUTOR OF THE OEM WHOSE ITEM(S) IS /ARE BEING OFFERED. THE OEM MUST FURNISH NECESSARY DOCUMENTS TO DEMONSTRATE THAT THEY ARE THE MANUFACTURERS OF THE ITEM (S) OFFERED WHILE THE AUTHORISED DEALER/DISTRIBUTOR/SUPPLIER NEEDS TO FURNISH A TENDER SPECIFIC AUTHORISATION FROM THE OEM. SUCH AUTHORISATION MUST BE FURNISHED BY THE OEM IN THE FORMAT [ MANUFACTURER'S AUTHORISATION FORM ] PRESCRIBED IN THE TENDER DOCUMENT. IN CASES WHERE BOTH THE OEM AND THE AUTHORISED DEALER/DISTRIBUTOR/SUPPLIER HAVE SUBMITTED BIDS IN THE SAME TENDER, THE BID OF THE AUTHORISED DEALER/DISTRIBUTOR/SUPPLIER WILL BE SUMMARILY REJECTED.

***[N.B. The definition of Bidder wherever appearing in the Tender Document shall be as mentioned above]***

Sl. No.	Details of Items*	Quantity
1.	Mini shaker with integrated power amplifier: Specifications: Frequency: DC-10KHz or more, Acceleration: 35g or more, Sine force: 150N or more, Random force: 5 lbf or more, Shock: 15 lbf or more, Displacement: 25mm pk-pk or more, Low cross motion and low distortion, Protection against short circuit and excessive heat, Low distortion over wide frequency variable, Customised gain controller, Required necessary accessories for successful functioning of the setup, Warranty: 02Years / More, Installation and demonstration	01 No.
2.	Horizontal slip table (Size:12"x12"or more) and vertical head expander suitable for above said vibration shaker arrangement with two years warranty	01 No.