

S.No		Qty Required
1	2	3
1	<u>1,000kgf Medium Force Vibration Testing System with GT Series, 800 × 800mm Slip Table</u> Part # MPA403.M124M/GT800M.AP	01
2	800mm× 800 mm Square Head Expander Part # HE800SQM-240.AP	01
3	<u>VEN-880 Vibration Controller Hardware Box,</u> Part # VEN-880-8.AP 8 Analog Input Channels 1 Drive Channel, 24-bit ADC/DAC, 450MHz DSP Processing 100 BASE-T Network Port, 1GB Internal Flash Memory Stores Test Configuration, Isolated Analog Circuit Design Reduces Ground Loop Problems,	01
3.1	Random, SoR, RoR, SROr, Sine, RSTD, Classical Shock, SRS, TTH, FDR (VEN-88B5.AP)	01
3.2	Real Time Data recorder & Playback Analysis (VEN-8830.AP)	01
3.3	Notching & Limiting Control (VEN-8826.AP)	01
4	<u>Sensors</u>	04
4.1	Accelerometer, IEPE: 500g range, 10 mV/g, , isolated, 10g, ø13*20 (mm), 10-32 side connector, 1Hz ~10 kHz, BNC 6 m cable (722A10.AP)	06
4.2	General purpose Accelerometer, IEPE: 50g range, 100 mV/g, 0.5 Hz ~ 8kHz, -40 ~ 121 °C, 25 g, ø15*25 (mm), 10-32 side connector, 10-32 mounting hole, BNC 6 m cable (721A100.AP)	06
5	<u>Spares</u>	01
5.1	Servo Control Console (M124M-SCC.AP)	08
5.2	PP Flexures (M124M-ARM-PPF.AP)	04
5.3	Upper Guidance Rollers (M124M-ARM-UGR.AP)	04
5.4	Upper Roller Support Block (M124M-ARM-URSB.AP)	06
5.5	Lower Guidance Bearings (M124M-SH-LGB.AP)	03
5.6	Lower Guidance Shaft (M124M-SH-LGS.AP)	03
5.7	Lower Guidance Blue Wheel (M124M-SH-LGBW.AP)	01
5.8	Load Support Diaphragm (M124M-SH-LSD.AP)	01
5.9	Load Support Guidance Shaft (M124M-SH-LSGS.AP)	02
5.10	Over Travel Switch (M124M-ARM-OTS.AP)	02
5.11	Optical Sensor (M124M-ARM-OS.AP)	01
5.12	Air Pipe (ø6mm,6m) (M124M-SH-AP.AP)	

5.13	Fuse 30A/250V (MPA403-PM-FS1-1.AP)	02
5.14	Fuse 32A/600V (MPA403-PM-FS1.AP)	02
5.15	Fuse LF 10A (MPA403-PM-FS2.AP)	20
5.16	Fuse 5A/250V 5*20 (MPA403-PS-FS1.AP)	10
5.17	Fuse 2A/250V 5*20 (MPA403-PS-FS2.AP)	10
5.18	Power Module (12KVA) (MPA403-PM-102.AP)	01
5.19	Logic Module (MPA403-LM.AP)	01
6	<u>100N Vibration System with 200VA Amplifier</u> (VT100-ST200.AP)	01
7	<u>VEN-880 Vibration Controller Hardware Box</u> (VEN-880-2.AP) 2 Analog Input Channels 1 Drive Channel, 24-bit ADC/DAC, 450MHz DSP Processing 100 BASE-T Network Port, 1GB Internal Flash Memory Stores Test	01
	Configuration, Isolated Analog Circuit Design Reduces ground Loop Problems	01
7.1	Sine Vibration Control (VEN-8822.AP)	01
7.2	Random Vibration Control (VEN-8821.AP)	01
8	<u>Operational Training and Functional Testing at</u> <u>Vendors Site of 02 CVCM Officials for 07 days</u> <u>(Boarding & Lodging will be borne by CVCM)</u>	02
9	<u>Installation Support by Vendor in Pakistan</u>	