

Appendix E: Bills of Materials

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1	5-6K Interface Evaluation module: 5-6K-interface for TMS320 series of TI DSP
2	Fabrication of Panel/Cabinet for active power filters with specification as per the diagram-enclosed.
3	TLV 2553/56 EVM Board for the TLV2553/56,12-bit, 11-channel ADC for TI C6000 DSK platform
4	ADS-8364 EVM Board for the ADS 8364, 250 KHz., 16-bit, 6-channel ADC for TI C6000 DSK platform
5	Software Interface for ADS-8364 EVM Board for the TI C6000 DSK kit
6	Wiring and assembly of components CT, PT, Capacitors, Power devices, control cards in the active power filter cabinet (diagram with size specification enclose) with wiring and assembly materials
7	Fixing of meter on the front panel of the active power filter cabinet (a/a)
8	TLV 5614-10-30 EVM Board for the TLV5416A 12-bit, 4-channel DAC for TI C6000 DSK platform
9	Software Interface for TLV253/56 EVM Board for the TI C6000 DSK kit
10.	IGBT Semikron Make(SKM50GB123D
11	Driver IC- Mitsubishi make(MM57962L)
12	3- ϕ Diode Bridge –Semikron Make(SKD 30/13
13	Analog Multiplier (AD633JN)
14	Transistors: TL082
15	DC Capacitors(4700 μ F/450 V
16	Heat Sink (80 AD AFCOSET)
17	CT: 25-12.5-5 // 1 Amp
18	3- ϕ Transformer: 415/500-600V, 5 kVA
19	3- ϕ Transformer: 415 // 415V, 5 kVA
20	Fuse: GSG 1000/16
21	Inductor: 5 mH
22	PCBN for the driver and Interface Circuits
23	Accessories: wires, screws, Connectors
24	Accessories: 10K Ω / 1k Ω resistors, Sockets, Pins etc.