

S-370000174

Scope of work for "HF circuit assembly with SMD components".

- 1) Supply of "HF circuit assembly with SMD version components" should be compatible with existing HF circuit with PTH components by keeping parameters such as mechanical dimensions, weight, Functional parameter and test parameter etc. same as per existing PCB assembly.
- 2) HF circuit should have provision of calibration coil for sensitivity adjustment.
- 3) It should pass all test parameters of Before foaming stage ( TP 170 stage ) & After foaming stage (TP: 40 stage).
- 4) If required, firm has to visit MPF to study the existing HF circuit assembly, Assembly process & test process of Fuze FB-40.
- 5) Firm has to provide test/inspection report for 100% HF circuit assembly as per format-1 attached.
- 6) All components used should be MIL grade 202F.
- 7) Firm has to provide test /inspection report from OEM for all bought of items.
- 8) "HF circuit assembly with SMD components" will be tested as per MIL STD 331 B and Quality assurance plan (QAP) of MTPF. which includes all Environmental test like High temp test, Low temp test, Rapid temp cycling, Vibration test, Bump test etc.
- 9) Electronics components used in manufacturing should be from same lot of manufacturing.
- 10) Firm has to provide Gerber, CAD, and BOM after detailed engineering and design.
- 11) Firm has to give unique serial No. to each HF circuit assembly.
- 12) Final acceptance will be given after successful proof trail of Fuze FB-40 lot manufactured using this HF circuit assembly with SMD version components.
- 13) After successful trials and acceptance only, 100% payment will be made within 30 days as per standard payment terms.
- 14) Firm should have equipment / setup for design / development / manufacturing and testing of SMD based PCB assemblies and submit documentary evidence in this regards.
- 15) Firm has to submit documents like Supply Order copies, performance certificates etc. regarding experience in design / manufacture / supply / testing of electronic PCB assemblies for defence / military applications.
- 16) Firm has to provide last three years financial turnover data.
- 17) MPF will hold the Intellectual Property Right (IPR) for the design of "HF PCB with SMD version components".

Format No 1:

Sl No.	Lot No.		Freq.	Vb	Vc	Date:	Remarks
	H.F.No.	Visual					
		Check	400-420MHz	0.7-2.0	7-9.5V		

LF No. - 7113099279

S  
12/05/17  
JWM/STP/EL

AWM/FS

HOS/FS