DIFM for Tarang/RWR SYSTEM

Sl No	Details	comments
1	Nomenclature/ Part No/ GIG Number	DIFM for Tarang/ RWR SYSTEM/ 110001567369/214672
2	Year of Procurement/ Source	2014 / BEL (BC)
3	Fleet/ Sub System/Wpn System	RWR System
4	Technical Applicability/ Broad Purpose	The DIFM is a DFD (Digital Frequency Discriminator) and its purpose is to measure the frequency of incoming radar signals.
5	Technical Specifications (attach as separate sheets)	Attached
6	Publication Details (attach as separate sheets)	AP 110J-0104-1235F
7	Photograph of Equipment(attach as separate sheets)	Attached
8	Brief Description	DIFM for Tarang is one of the cards fitted in the SRU. The Tarang RWR system operates in the frequency range of 2-18 Ghz. This SRU measures Pulsed & CW signals and outputs frequency data with nominal 12-bit resolution. It is a mission critical and airborne SRU. At present, it is sent to BEL, (BC) the OEM for repair. The Turn Around Time (TAT) is very high (as high as 15 months). Hence, if an alternate source of supply is developed in India, it will help reduce TAT. Also, it will help bring competition in Indian market for supply of subject mission critical SRU.
9	Classification of Equipment- LRU/Testers/ Ground Equipment/ Role Equipment (Electrical, Electronics, Mechanical, Software	Shop Replaceable Unit (Electronics)

	based etc.):	
10	Previous Repair History	Nil
11	Criticality (Priority I, II or III)	Mission Critical, air borne
12	Requirement: Repair or Indigenisation or both?	Indigenisation
13	Quantity Required (One time/ Annual)	05
14	Sample Availability	Yes
15	Scale/ Deficiency	Scaled
16	If deficient - How deficiency is being plugged?	N/A
17	SPOC	SPE Indg , 12 BRD

Photograph