

**TECHNICAL SPECIFICATION**

P.R.No. 142388758 Dt. 09.06.2025

**K-Type Thermocouple 1.5mm diameter x 7meter length**

S.No.	BHEL'S Specification		Vendor's Confirmation	Deviation If Any
1	ELEMENT	:Chromel Alumel - 'K' Type		
2	SIZE	:1.5mm Diameter x 7 meter length		
3	CONFIGURATION	:Simplex		
4	SHEATH	:SS sheath, Mgo filled, Grounded junction		
5	END CONNECTION	:Sub miniature flat pin yellow connector. Male/Female set to be given. Thermocouple end should have male connector installed. Thermocouple to connector joint should be shock, vibration and temperature resistant.		
6	GRADE	:Premium grade		
7	LIMITS OF ERROR	:0 °C To 277 °C, Error $\pm 1.1$ °C (maximum) 277 °C To 1260 °C error $\pm 3/8\%$ (maximum)		
8	TEST CERTIFICATE	:Required		
9	SAMPLE	:Sample to be submitted for quality testing prior to bulk supply		
10	WARRANTY	Supplier should provide warranty for K-Type Thermocouple for its performance for a minimum period of 12 months from the date of commissioning/ acceptance at BHEL works.		
11	MAKE	Bidder to specify the make of quoted item.		
12	QUANTITY	1000 nos.		

  
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