

**TECHNICAL SPECIFICATION**

P.R.No.147623755 Dt. 09.06.2026

**K-Type Thermocouple 1.5mm diameter x 7 meter 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 ± 1.1 °C (maximum) 277 °C To 1260 °C, error ± 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 2000 nos.		

  
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