

**Pre-Bid Clarification- TPCODL/P&S/156/2020-21 for Kitkat fuses**

Sl. No.	Specification as mentioned in your Tender	Suggestion/ Alternate proposal	TPCODL Reply
1	Dimensions of the Fuse - As per Standard	100A – Dimension as per BIS Standard is available For 200A & 320A – No BIS standard declaration available for reference.	To be as per specification
2	SPRING FOR BASE PHOSPHOR BRONZE CONTACT -		Thickness is Okay, Material to be as per specification
	1). Material Required is Spring Steel	1). Spring used in Kitkat is of Brass.	
	2). Spring thickness required is 1mm.	2). Spring Thickness for 100A is 1.2mm and for 200A & 320A is 1.6mm.	
	Fuse Carrier contacts (Female Contacts) Tinned Brass -	Silver Plated Copper	To be as per specification
3	Fuse Base Contacts (Male Contacts) Tinned Brass with terminal -	200A – Brass with Nickle plated 320A – Copper with Silver plated	To be as per specification
4	Terminal Strip	200A – Brass with Nickle plated 320A – Copper with Silver plated	Tinned Brass is required
5	Name Plate and Marking -	Point 4, 5 & 6 - Will be taken care with Sticker	Embossing to be done
	1. Manufacturer's name		
	2. Rated voltage		
	3. Rated current		
	4. Size of fuse wire		
	5. Property of "TPCODL, BHUBANESWAR"		
	6. Date of Manufacturing		
6	Type Test Certificates	For 100A – IS Standard is available For 200A & 320A - No BIS standard declaration available for reference.	Type test report of higher capacity is accepted

1 IS 2086:1993 standard is applicable for KITKAT Fuses 16A to 100A ONLY. What shall be done for the required ratings of 200A to 500A?

2 TPCODL required technical parameters are **not available** in provided **Technical information** (of tender docs) for 200A to 500A Kit Kat Fuses. We need following details required by Tata Power for the KITKAT Fuses 200A, 300A, 400A & 500A

KITKAT RATING →	200A	400A	500A
Technical details ↓			
Rated Insulation Voltage (Vac)	650	650	650
Rated Impulse Voltage (kVp)	3	3	3
Utilization category	Out-door	Out-door	Out-door
Rated Breaking capacity (kA)	6	8	10
Diameter of Fuse Wire (mm)	To be Furnished by Bidder		