

**Misc. Repair & Replacement of Replacement of Electrical equipment/ accessories of 1500KVA DG auxiliary Panel no-2 located at 33KV substation at IITG campus**

**NIT No: IITG/IPM/NIT/FY22-23/37 Dated 22.11.2022**

<b>Item No.</b>	<b>Item of Work (Grouped under sub-heads and sub-works of estimate)</b>	<b>Unit</b>	<b>Qty.</b>	<b>Rate in fig (Rs)</b>	<b>Rate in words (Rs.)</b>	<b>Amount (Rs.)</b>
1.0	Supply installation of of 80 mm ball valve (make 400 WOG) including cutting, welding and fittings of the valve of MS flange plate & MS nipple complete with connections testing and commissioning etc as required to make it workable as per site requirement (make Zoloto/ SS or equivalent)	each	2			
2.0	Rewinding and servicing of 10 HP monobloc pump & all accessories complete with connections, testing and commissioning etc as required.	each	2			
3.0	Servicing of 10 HP monobloc pump including cleaning greasing and replacement of bearing if required all accessories complete with connections, testing and commissioning etc as required.	each	2			
4.0	Supply,Installation of MN2 Relay Thermal Overload Relay of capacity 9-15A Ambient Temperature Compensated Up To 55 Deg C, Built-In Single Phasing Protection Manual And Auto Reset Mode & all accessories complete with connection testing & commissioning etc as required (Make LT or equiv)	meter	10			
5.0	Supply, Installation of 2 NO+ 2NC add on block & all accessories as specified in IS / IEC 60947-4-1 & IEC 60947-4-1 complete with connections testing and commissioning etc as required. (Make LT or equiv)	each	10			
6.0	Supply installation of of 4 pole power contractor type MCX Wide Operating Band Standards: Is/Iec 60947-4-1 & Iec 60947-4-1 Size: Fr-1 Current Rating: AC 3 phase: 40 Amp & all accessories complete with connections, testing and commissioning etc as required	each	6			
7.0	Supply Installation of Front mounting add on aux contact block & all accessories complete with connections test testing and commissioning etc as required	each	10			
8.0	Supply installation of terminal block 9-16 amp capacity suitable for and all accessories like copper lug etc ( suitable for 6sq mm -10 sq mm) complete with connections testing commissioning etc as required	each	20			
	<b>Total</b>					
	Add GST @18%					
	<b>Grand Total</b>					

**Seal and Signature of Bidder**