

INDIAN INSTITUTE OF TECHNOLOGY KANPUR
Dean of Infrastructure & Planning

NIT No.- QT/29-04-2024-04

N/W Servicing of DG panel ACB'S installed at various substations in IITK

S.No.	Description	Qty	Unit	Rate	Amount
1	Servicing, maintenance, testing, checking, cleaning of PLC panels, AMF panels of DG and its LT distribution panels installed at all the substations and installed at various locations in IIT Kanpur campus. complete Details of PLC panel and AMF panel with its LT panel total 15 no's details as per below.				
a)	SS#1 :1 no. PLC panel with LT distribution of 2x320KVA DG, 1 no. AMF with LT distribution panel of 1x320KVA DG and 1 no. AMF with LT distribution panel of 1x250KVA DG				
b)	SS#2 :1 no. AMF with LT distribution panel of 1x500KVA DG				
c)	SS#3 :1 no. AMF with LT distribution panel of 1x250KVA DG				
d)	SS#4 :1 no. PLC panel with LT distribution of 3x500KVA DG,1 no AMF panel with LT distribution of 3x320KVA DG ,1 no. AMF with LT distribution panel of 1x500KVA DG				
e)	Advance Imaging centre:1 no. AMF with LT distribution panel of 1x250KVA DG				
f)	SS#9 :2 no's AMF with LT distribution panel of 2x750KVADG.				
g)	SS#11 :1 no. PLC panel with LT distribution of 2x500KVA DG				
h)	RA tower:1 no. AMF panel with LT distribution of 1x200KVA DG				
i)	Hall12:1 no. AMF panel with LT distribution of 1x250KVA DG				
j)	Tyep-2 Apatrment:1 no. AMF panel with LT distribution of 1x50KVA DG	15.00	Set	3538.00	53070.00
2	Servicing, maintenance, testing , checking, cleaning of 433 ACB switch gear panel set consisting following ACB rating 800A upto 4000A, 3phase 50HZ beakers, complete with control wiring metering equipment control				

		switches, rectifier unit CT, PT indicating lamps etc.					
	Following ACB's						
	DG House no. 1 2x320KV A	DG1	800Amp	1			
		DG2	800Amp	1			
		Bus cup	1600Amp	1			
		T/R	800Amp	1			
		Animal plant	800Amp	1			
		Spare	800Amp	1			
	DG House no. 4 3x500KV A	DG1	800Amp	1			
		DG2	800Amp	1			
		DG3	800Amp	1			
		DG Main	3200Amp	1			
	T/R-3 panel CC O/G	DG I/c	3200Amp	1			
		Bus cup	4000Amp	1			
		UPS	2500Amp	1			
		T/F i/c	4000Amp	1			
		PAC	2500Amp	1			
		Cap	1600Amp	1			
		CC Basement	800Amp	1			
	DG House no. 4 3x320KV A	DG1	1000Amp	1			
		DG2	1000Amp	1			
		DG3	1000Amp	1			
		Bus cup-1	1000Amp	1			
		Bus Cup-2	1000Amp	1			

	DG House no. 9 2x750KV A	DG1	1600Amp	1				
		DG2	1600Amp	1				
		T/R -1	3200Amp	1				
		T/R- 2	1600Amp	1				
		Bus Cup	1600Amp	1				
	DG House no. 11 2x500KV A	DG1	800Amp	1				
		DG2	800Amp	1				
		Bus cup	2000Amp	1				
		T/R	2000Amp	1				
		Data Centre	2000Amp	1				
		Cap	800Amp	1				
		SS#9	800Amp	1				
		300KVAR Cap panel	800Amp	1	35.00	Each	2882.00	100870.00
	Sub-Total							
	Add_GST@							
	Total							



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