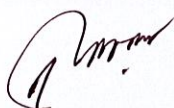


1.3	Type		Post type vertical mounting, Single Phase, Free Standing, Oil immersed / Resin encapsulated	
1.4	Model designation		<i>insert</i>	
1.5	Country of Origin		EU/UK/USA/ Japan/ Turkey or equivalent	
1.6	Standards		IEC 61869-1 IEC 61869-2	
1.7	Quality Control		ISO 9001	
1.8	Installation type		Outdoor	
1.9	Service Condition: Ambient air temperature	°C	-5 to +45	
1.10	Service Condition: Altitude	m	≤1000	
1.11	Service Condition: System Earthing		Effectively earthed	
1.12	Service Condition: Seismic Condition	g	0.1	
2.	Current Transformer- Characteristics			

Sujan



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Sl no.	Particulars	Unit	PGCB's Requirement	Bidder's Guaranteed
1.	Current Transformer-General			
1.1	Manufacturer		<i>insert</i>	
1.2	Country of Manufacturing		Insert	
1.3	Type		Post type vertical mounting, Single Phase, Free Standing, Oil immersed / Resin encapsulated	
1.4	Model designation		<i>insert</i>	
1.5	Country of Origin		EU/UK/USA/ Japan/Turkey or equivalent	
1.6	Standards		IEC 61869-1 IEC 61869-2	
1.7	Quality Control		ISO 9001	
1.8	Installation type		Outdoor Indoor (For Cox's Bazar grid)	
1.9	Service Condition: Ambient air temperature	°C	-5 to +45	

Sigara

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No.	Description	Minimum Requirements		Guaranteed
		Unit	Data	
3.4.4	a. On-load losses at 75°C, with tap changer in nominal position and at rated current of that tap position	kW	Insert	
	b. On-load losses at 75°C, with tap position in plus (+) extreme tap position and at rated current of that position	kW	Insert	
	c. On-load losses at 75°C, with tap position in minus (-) extreme tap position and at rated current of that position	kW	Insert	
	d. average on load losses (this value will be evaluated)	kW	(a+b+c)/3	
3.4.5	On-load losses capitalized value	BDT/kW	As per vol 1 of tender doc	
3.4.6	Tolerance to be applied to on-load losses in % on the guaranteed value	%	10	
3.5	Ancillary equipment (fans, pumps, heaters, etc.)			
3.5.1	Load of ancillary equipment (<u>this value will be evaluated</u>)	kW	Insert	
3.5.2	Capitalized valued of ancillary equipment load	BDT/kW	As per vol 1 of tender doc	
3.5.3	Tolerance to be applied to ancillary equipment load in % of the guaranteed value	%	20	
3.6	Insulation level			
3.6.1	High voltage (HV)		LI 1050 AC460	
3.6.2	Medium voltage (MV)		LI 650 AC 275	
3.6.3	Neutral		LI 325 AC 140	
3.6.4	Low voltage (LV)		LI 170 AC 70	
3.7	The highest voltage for equipment (effective value)			
3.7.1	High voltage (HV)	kV	245	
3.7.2	Medium voltage (MV)	kV	145	
3.7.3	Neutral	kV	72.5	
3.7.4	Low voltage (LV)	kV	36	
3.8	Rated insulation level			
3.8.1	Induced voltage (ACSD, ACLD)	kV	In acc. to IEC 60076-3	
3.9	Efficiencies			
3.9.1	If $\cos\phi = 1.0$ and: • 25 % load of the rated value • 50 % load of the rated value • 75 % load of the rated value • 100 % load of the rated value		Insert Insert Insert Insert	
3.9.2	If $\cos\phi = 0.8$ (inductive) and: • 25 % load of the rated value • 50 % load of the rated value • 75 % load of the rated value • 100 % load of the rated value		Insert Insert Insert Insert	
3.10	Voltage drop at the terminals of secondary winding at rated temperature and at the middle tap changer position			
3.10.1	• $\cos\phi = 1.00$		Insert	
3.10.2	• $\cos\phi = 0.95$ (inductive)		Insert	
3.10.3	• $\cos\phi = 0.90$ (inductive)		Insert	

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	ZnO Block to limit distributed impulse		No.	
3.8	Tap changer			
3.8.1	Manufacturer		MR (Germany), Hitachi (Sweden) make or equivalent	
3.8.1.1	Country of origin		Insert	
3.8.2	Switching technology		Vacuum	
3.8.3	Model designation		Insert	
3.8.4	Type of tap changing		On-load	
3.8.5	Electrical location of Tap winding		HV / Series Winding	
3.8.5.1	Geometric Location of Tap winding		[Insert]	
3.8.6	Type of voltage regulation		Constant Flux Variable Voltage (C.F.V.V.)	
3.8.7	Tapping range	% V	±10	
3.8.7.1	Tapping step/Size of Each tapping step	%	1.25	
3.8.8	Short circuit current - time	kA-s		
3.8.8.1	Rated current	A		
3.8.9	OLTC diverter switch		Separate oil filled Compartment	

Signature

[Handwritten Signature]

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