GTP TO BE FILLED UP BY BIDDER



LOT 1: XLPE Cable

			Bidders to fill up
SL#	Parameters	Units	Arm, Al. cable, XLPE Insulated, 11 kV
			1C x 630 sq.mm
1	Manufacturer		
2	Applicable Standards		
3	Rated voltage	kV	
4	System Voltage	kV	
5	Maximum current carrying capacity	A	
	Buried direct in the ground (Trefoil)		
	In duct (Trefoil)		
	In Air (Trefoil)		
6	Short circuit capacity of conductor	kA	
	Conductor		
	Material		
7	Crossectional Area		
	Whether Stranded?		
	Insulation		
8	Material		
Ö	Thickness	mm	
	Inner Sheath		
9	Material		
•	Whether Extruded or Wrapped?	:	
<u> </u>	Thickness	mm	
	Outer sheath		
10	Material		
<u> </u>	Thickness	mm	
	Armour		
11	Material		
12	Thickness Details of screen, if any	mm	
13	Total overall diameter		
	Test Voltage	mm	
14	Five minute power frequency withstand voltage	kV/5min	
15	Type of cable end sealing		
	<u>Cable drums</u>		
1.0	Dimensions	mm	
16	Weight	kg	
	Nominal length per drum	mtr	Courement Division

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Lot 2: Polymer Insulators

_			Bidde	Bidders to fill up
SL#	Parameters	Unit	Item#1	Item#2
			220 kV, 120 kN	132 kV, 90 kN
1.	Name of the manufacturer			
2	Standard applicable to manufactured and tested			
ω	Size and Designation of Ball & Socket assembly	mm		
4	Core diameter	mm		
ъ	Tolerance on Core Diameter	±mm		
6	Nominal length (Section Length)	mm		
7	Tolerance on Nominal Length	mm∓		
8	Dry Arcing distance	mm		
9	Shed Profile			
10	Shed Profile (Regular alternating)			
11	Shed Diameter-Big/Small	mm		
12	Tolerance on Shed Diameter	unin		
13	Minimum Creepage distance	mm		
14	Tolerance on Creepage distance	mm		
15	Guaranteed mechanical strength	kN		The second secon
16	Routine mechanical load	kN		Total Property Control of the Contro
17	System nominal Voltage	kV		
18	Highest System Voltage	kV		
19	System frequency	Hz		
20	Material			
	a) FRP Rod			, White transmitted in the control of the control o
	b) Sheds with % contents of silicone			
	c) Housing			
	d) End Fittings- Ball		1	
	e) End Fittings- Socket			
	f) Grading Rings			
21	Minimum thickness of sheath covering over the core	mm		
22	Power Frequency withstand voltage (Wet/ Dry)	kV (rms)	The state of the s	
23	Impulse Withstand Voltage (Dry)			
	Positive	kV (Peak)		The state of the s
	Negative	kV (Peak)		
24	Galvanising-Minimum mass of zinc coating	gms/sq. mt.		
25	Parking			

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Lot 3: CTPT Combined Unit

			Bidders to	filled up
Sl. No.	Description	UoM	Item#1	Item#2
			200-100/1A, 33 kV/110V	100-50/1A, 33 kV/110V
1	Manufacturer's type, designation & make			
2	System Voltage.	kV		
3	Highest System voltage.	kV		
4	Frequency	Hz		
5	Thickness of the M.S. sheet.	112		
	Top -	mm		
	Side -			
6	Base Channel.	mm x mm		
7	Painting.(Paint Colour As per IS - 5)			
8	Lifting Arrangement. (No of Hooks -)	Y/N		
9	Cable entry hole diameter for secondary box	mm		
	Creepage Distance	mm		
	Provision of Pressure relief device/explosion	Y/N		
	vent on CT/PT unit	1/11		
12	Temperature rise above ambient	°C		
13	Maximum Dimensions of CT/PT unit			
		mm x mm x mm		
14	Maximum transportation dimensions	mm x mm x mm		200
15	Maximum weight of CT/PT unit	kgs		
16	Window for Meter Box.	Y/N	Dimension -	Dimension -
	Oil as per specification	IS 355		Difficusion
-18	Terminal Connector suitable for conductor size	Mm		
			· ·	
19	Terminal connector Bimetallic	Y/N		
20	Bushing Stud Diameter and material	- 4.5		
	CT SPECIFICATIONS			
	System Voltage	1 77		
	Highest System voltage.	kV		
	CT Ratio	kV		
	Burden	-		
5	Accuracy Class			
6	One minute power frequency dry withstand	kV (rms)		
U	voltage on primary side	KV (rms)		
7	1.2/50µs impulse withstand Voltage	kV (peak)		
	One minute power frequency dry withstand	kV (rms)		
U	voltage on secondary side	KV (IIIIS)		
9	Primary Winding	· · · · · · · · · · · · · · · · · · ·		
	No of Primary turns			
	Primary amp turns	·		
	Current density			
	Area of cross-section			
	Secondary Winding			
	No of Primary turns			
	Primary amp turns			
	Current density			
d)	Area of cross-section		<u> </u>	
	PT SPECIFICATIONS			
1	System Voltage	kV	· · · · · · · · · · · · · · · · · · ·	
	Highest System voltage.	kV kV		
	Voltage Ratio	AL V		
	Burden			
5	Accuracy Class			
	One minute power frequency dry withstand	kV (rms)		
3	voltage on primary side	va (rms)		
7	1.2/50µs impulse withstand Voltage	kV (peak)		
	One minute power frequency dry withstand	kV (rms)		ocurement of
	AMMAGE POWER REQUERTED UIV WILLISTALIO	EALITIE AS	1	1

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Lot 3: CTPT Combined Unit

				Bidders to filled up	
Sl. No.	Description	UoM	Item #3	Item #4	Item# 5
			100-50/1A, 11 kV/110V	75-50/1A, 11kV/110 V	75-25/1A, 11kV/110V
1	Manufacturer's type, designation & make				
2	System Voltage.	kV			
3	Highest System voltage.	kV			the state of the s
4	Frequency	Hz			
5	Thickness of the M.S. sheet.				
	Top -	mm			
	Side -				
6	Base Channel.	mm x mm			
	Painting (Paint Colour As per IS - 5)				
8	Lifting Arrangement. (No of Hooks -)	Y/N			
	Cable entry hole diameter for secondary box	mm			
10	Creepage Distance	mm			
11	Provision of Pressure relief device/explosion vent on CT/PT unit	Y/N			
12	Temperature rise above ambient	⁰ С			
13	Maximum Dimensions of CT/PT unit	mm x mm x mm			
14	Maximum transportation dimensions	mm x mm x mm			
15	Maximum weight of CT/PT unit	kgs			
16	Window for Meter Box.	Y/N	Dimension -	Dimension -	Dimension -
17	Oil as per specification	IS 355	Difficusion	Difficusion	Difficusion -
18	Terminal Connector suitable for conductor size	Mm			
19	Terminal connector Bimetallic	Y/N			
20	Bushing Stud Diameter and material				
	CT SPECIFICATIONS				
1	System Voltage	kV			
2	Highest System voltage.	kV			
3	CT Ratio				
4	Burden			:	
5	Accuracy Class				
6	One minute power frequency dry withstand voltage on primary side	kV (rms)			
7	1.2/50µs impulse withstand Voltage	kV (peak)			
8	One minute power frequency dry withstand	kV (rms)			
	voltage on secondary side				
9	Primary Winding			1	
<u>a)</u>	No of Primary turns			<u> </u>	
b)	Primary amp turns Current density				
<u>c)</u> d)	Area of cross-section				
10	Secondary Winding				
a)	No of Primary turns				
b)	Primary amp turns			1	
c)	Current density				
d)	Area of cross-section				
	PT SPECIFICATIONS				
1	System Voltage	kV	·		
2	Highest System voltage.	kV			
3	Voltage Ratio				
4	Burden				
5	Accuracy Class				
6	One minute power frequency dry withstand voltage on primary side	kV (rms)			
7	1.2/50µs impulse withstand Voltage	kV (peak)	Swement Division		
<u> </u>		kV (rms)	1 2 16/4 Ed 1 1 1 7 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1		

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