## BOQ (Package-B) Various types of O&M works in Substations

SI. I	No	Description of Work	Unit	Rate( Excl. GST)
1		Replacement of damaged clamp of CT		
	а	For 33kV Level		
	b	For 132kV Level	Per Job	
	С	For 220kV Level		
2		Replacement of damaged clamp of PT		
	а	For 33kV Level		
	b	For 132kV Level	Per Job	
	С	For 220kV Level		
3		Replacement of damaged clamp of Isolator		
	а	For 33kV Level		
	b	For 132kV Level	Per Job	
	С	For 220kV Level		
4		Replacement of damaged clamp of Breaker		
	а	For 33kV Level		
		For 132kV Level	Per Job	
		For 220kV Level		
5		Replacement of damaged clamp of LA		
	а	For 33kV Level		
	b	For 132kV Level	Per Job	
		For 220kV Level	<del></del>	
6	Ť	Replacement of damaged clamp of CVT		
	а	For 33kV Level		
		For 132kV Level	Per Job	
		For 220kV Level		
7	Ť	Replacement of damaged clamp of Transformer		
l <sup>*</sup>	а	For 33kV Side		
		For 132kV Side	Per Job	
		For 220kV Side	——————————————————————————————————————	
8	-	Replacement of damaged clamp of Bus/etc		
		For 33kV Level		
		For 132kV Level	Per Job	
		For 220kV Level	1 61 300	
9	Ū	Replacement of Jumper/Drop of CT	+	
"		For 33kV Level	+	
		For 132kV Level	Per Drop/Jumper	
	-	For 220kV Level	rei Diop/Jullipei	
10	С	Replacement of Jumper/Drop of PT	+	
۱"		For 33kV Level	+	
		For 132kV Level	Per Drop/Jumper	
	-	For 220kV Level	Pel Diop/Jullipel	
44	С	Replacement of Jumper/Drop of Isolator		
11		For 33kV Level		
			Dor Drog / Issues a	
	-	For 132kV Level	Per Drop/Jumper	
<u> </u>	С	For 220kV Level		
12		Replacement of Jumper/Drop of Breaker		
		For 33kV Level	<u> </u>	
	b	For 132kV Level	Per Drop/Jumper	

l	С	For 220kV Level		
13		Replacement of Jumper/Drop of LA		
١.٠	а	For 33kV Level		
	a b	For 132kV Level	Per Drop/Jumper	
	-	For 220kV Level	r er Drop/Jumper	
44	С	Replacement of Jumper/Drop of CVT		
14		For 33kV Level		
			D D / I	
	b	For 132kV Level	Per Drop/Jumper	
<u> </u>	С	For 220kV Level		
15		Replacement of Jumper/Drop of Transformer		
	а	For 33kV Side	,,	
	b	For 132kV Side	Per Drop/Jumper	
	С	For 220kV Side		
16		Replacement of Jumper/Drop of Bus/etc		
	а	For 33kV Level		
	b	For 132kV Level	Per Drop/Jumper	
<u> </u>	С	For 220kV Level		
17		Dismantling of CT in the Substation (including all necessary		
		associated works)		
		For 33kV Level (Without Structure)	D 11-24	
		For 132kV Level (Without Structure)	Per Unit	
	С	For 220kV Level (Without Structure)		
18		Dismantling of CT in the Substation (including all necessary associated works)		
	а	For 33kV Level (With Structure)		
		For 132kV Level (With Structure)	Per Unit	
		For 220kV Level (With Structure)	1 Ci Oliit	
	·	Dismantling of PT in the Substation (including all necessary		
19		associated works)		
	а	For 33kV Level (Without Structure)		
		For 132kV Level (Without Structure)	Per Unit	
	С	For 220kV Level (Without Structure)		
		Dismantling of PT in the Substation (including all necessary		
20		associated works)		
	а	For 33kV Level (With Structure)		
	b	For 132kV Level (With Structure)	Per Unit	
	С	For 220kV Level (With Structure)		
21		Dismantling of LA in the Substation (including all necessary		
-		associated works)		
		For 33kV Level (Without Structure)		
		For 132kV Level (Without Structure)	Per Unit	
<u> </u>	С	For 220kV Level (Without Structure)		
22		Dismantling of LA in the Substation (including all necessary		
	_	associated works)		
		For 33kV Level (With Structure)	Dan Hait	
		For 132kV Level (With Structure)	Per Unit	
$\vdash$	С	For 220kV Level (With Structure)		
23		Dismantling of CVT in the Substation (including all necessary associated works)		
	а	For 33kV Level (Without Structure)		
		For 132kV Level (Without Structure)	Per Unit	
		For 220kV Level (Without Structure)	i di Offit	
$\vdash$	U	Dismantling of CVT in the Substation (including all		
24		necessary associated works)		
			1	

I	а	For 33kV Level (With Structure)	1	
		For 132kV Level (With Structure)	Per Unit	
		For 220kV Level (With Structure)	i ei oiiit	
	С	,		
25		Erection of CT in the Substation (including all necessary associated works)		
	а	For 33kV Level (Without Structure)		
		For 132kV Level (Without Structure)	Per Unit	
		For 220kV Level (Without Structure)	i ei oiiit	
-	С	,		
26		Erection of CT in the Substation (including all necessary associated works)		
	2	For 33kV Level (With Structure)		
		For 132kV Level (With Structure)	Per Unit	
		,	Per Offic	
-	С	For 220kV Level (With Structure)		
27		Erection of PT in the Substation (including all necessary		
	_	associated works) For 33kV Level (Without Structure)		
		,	Don Unit	
		For 132kV Level (Without Structure)	Per Unit	
	С	For 220kV Level (Without Structure)		
28		Erection of PT in the Substation (including all necessary		
		associated works) For 33kV Level (With Structure)		
			Dan Hait	
		For 132kV Level (With Structure)	Per Unit	
	С	For 220kV Level (With Structure)		
29		Erection of LA in the Substation (including all necessary		
		associated works)		
		For 33kV Level (Without Structure)		
		For 132kV Level (Without Structure)	Per Unit	
	С	For 220kV Level (Without Structure)		
30		Erection of LA in the Substation (including all necessary		
		associated works)		
		For 33kV Level (With Structure)	Dec Heit	
		For 132kV Level (With Structure)	Per Unit	
	С	For 220kV Level (With Structure)		
31		Erection of CVT in the Substation (including all necessary		
		associated works)		
		For 33kV Level (Without Structure)	Dan Hait	
		For 132kV Level (Without Structure)	Per Unit	
	С	For 220kV Level (Without Structure)		
32		Erection of CVT in the Substation (including all necessary		
		associated works)		
		For 33kV Level (With Structure)	Dan Heit	
		For 132kV Level (With Structure)	Per Unit	
	С	For 220kV Level (With Structure)		
33		Dismantling of Circuit Breaker (including all necessary		
	_ ا	associated works)		
		For 33kV Level (Without Structure)		
		For 132kV Level (Without Structure)	Per Set	
	С	For 220kV Level (Without Structure)		
34		Dismantling of Circuit Breaker (including all necessary		
		associated works)		
		For 33kV Level (With Structure)		
		For 132kV Level (With Structure)	Per Set	
	С	For 220kV Level (With Structure)		
35		Erection of Circuit Breaker (including all necessary		
1		associated works)		

1	а	For 33kV Level (Without Structure)		
	b	For 132kV Level (Without Structure)	Per Set	
		For 220kV Level (Without Structure)	1 61 061	
	С	Erection of Circuit Breaker (including all necessary		
36		associated works)		
	а	For 33kV Level (With Structure)		
		For 132kV Level (With Structure)	Per Set	
		For 220kV Level (With Structure)	1 01 000	
	U	Dismantling of Isolator (Tandem Type) (including all		
37		necessary associated works)		
	а	For 132kV Level (Without Structure)		
		For 220kV Level (Without Structure)	Per Set	
		Dismantling of Isolator (Tandem Type) (including all		
38		necessary associated works)		
	а	For 132kV Level (With Structure)		
		For 220kV Level (With Structure)	Per Set	
		Erection of Isolator with (Tandem Type)(including all		
39		necessary associated works)		
	а	For 132kV Level (Without Structure)	D 0 1	
	-	For 220kV Level (Without Structure)	Per Set	
<u> </u>	_	Erection of Isolator (Tandem Type) (including all necessary		
40		associated works)		
	а	For 132kV Level (With Structure)	Day Cat	
	b	For 220kV Level (With Structure)	Per Set	
14		Dismantling of Isolator (including all necessary associated		
41		works)		
	а	For 33kV Level (Without Structure)		
	b	For 132kV Level (Without Structure)	Per Set	
	С	For 220kV Level (Without Structure)		
42		Dismantling of Isolator (including all necessary associated		
42		works)		
		For 33kV Level (With Structure)		
	b	For 132kV Level (With Structure)	Per Set	
	С	For 220kV Level (With Structure)		
43		Erection of Isolator (including all necessary associated		
📆		works)		
		For 33kV Level (Without Structure)		
		For 132kV Level (Without Structure)	Per Set	
	С	For 220kV Level (Without Structure)		
44		Erection of Isolator (including all necessary associated		
		works)		
		For 33kV Level (With Structure)		
		For 132kV Level (With Structure)	Per Set	
	С	For 220kV Level (With Structure)		
45		Dismantling of CR Panel (including all necessary associated		
•		works)		
	٠.	For 33kV Level		
		For 132kV Level	Per Unit	
	С	For 220kV Level		
46		Erection of CR Panel without SAS (including all necessary		
		associated works)		
	٠.	For 33kV Level		
		For 132kV Level	Per Unit	
	С	For 220kV Level		
		Jointing works of 33 KV power cable (Without supply)	Den laint	
47			Per Joint	

48	Replacement of control cable.	Per Mtrs	
49	Laying of replaced power cable	Per Mtrs	
50	Recovery of Old Cable	Per Mtrs	
51	Attending emergency hot spot in the Sub Station.	Per Job	
52	Unskilled labour for jungle cleaning or other works.	Mandays	
53	Supply of Skilled labour /Fitter	Mandays	
54	Dismantling of Wave Trap 132/220kV	Per Job	
55	Erection of Wave Trap 132/220kV	Per Job	
56	Replacement of Transformer Bushing (Including all associated works)		
а	At 132kV Level	Per Bushing	
b	At 220kV Level	Per Bushing	
57	Switchyard Earthing		
а	Earthmat (With supply of earthing materials)	Per SQM	
b	Laying of GI Flat Strip with connection to existing earthing system ( Supply of Standard GI Strip)	Per Mtrs	
С	Rod Electrode (With supply)	Per Unit	
d	Pipe electrode with earthpit (Incl supply)	Per Unit	
58	Transportation of Equipment/Panel/Etc	QTL/KM	
	Total Amount (Excluding GST)		

Bidder Name and Address →	
Seal & Signature	