

BOQ FORMAT FOR TRANSMISSION LINE PACKAGE

Annex-A (1/2)

Name of line :

----- KV ----- associated with -----

Sl. No.	Description	Unit	Quantity
1	Line length	KM	
a)	Plain Terrain	KM	
b)	Hilly Terrain		
i.)	Hilly Terrain	KM	
ii.)	Mountainous Terrain	KM	
2	GPS coordinates		
a)	Start point		
b)	End point		
3	Route marked on google earth/ bhuvan map	YES/NO	
4	Detail of wind zone (lengthwise)		
a)	WZ-....	KM	
b)	WZ-.....	KM	
5	States		
a)	KM	
b)	KM	
c)	KM	
d)	KM	
6	Length of RC section	KM	
7	No of Circuits	No.	
8	No. of bundle Conductor	No.	
9	Earthing		
a)	Pipe type		
i)	Normal Earthing	No.	
ii)	Chemical Earthing	No.	
b)	Counterpoise Type	No.	
i)	Normal Earthing	No.	
ii)	Chemical Earthing	No.	
c)	Shieldwire Earthing	No.	
i)	PipeType Earthing	Sets	
ii)	Counterpoise type Earthing	Sets	
d)	Rod type (Qty same as pipe type earthing)	No.	
e)	Earthing for RC Location	No.	
10	Survey		
a)	Detailed survey	KM	
b)	Check Survey	KM	
11	Soil Investigation		
a)	All kind of soil except FR & HR	Loc.	
b)	Fissured rock	Loc.	
c)	Rocky Soil	Loc.	
d)	River Crossing Location	Loc.	

Sl. No.	Description	Unit	Quantity
12	Benching		
a)	All kind of soil except FR & HR	m3	
b)	Fissured rock	m3	
c)	Hard rock	m3	
13	Tower Protection		
a)	Random rubble	m3	
b)	Stone Bound	m3	
c)	Back Filling	m3	
d)	M-15 Cover seal	m3	
14	Aviation Requirements		
a)	Painting of towers	No.	
b)	Unit wt of Towers to be painted	MT	
c)	Span marks	No.	
d)	Aviation Lights		
i)	1 Medium+2 low intensity	No.	
ii)	1 Medium+ 4 low intensity	No.	
15	No. of Transposition towers	No.	
16	River Crossings		
	Name of river		
	Crossing span (Bank-Bank)	M	
	Type of foundation for river crossing tower pile or open		
17	Road/Railway Crossings		
	Road Crossings (NH/SH)	No.	
	Power Line Crossings (132kV & above)	No.	
	Railway Crossing-electrified	No.	
	Railway Crossing-non- electrified	No.	
18	Forest Details:		
	Reserved Forest	kms	
	Protected Forest	kms	
	Social/Revenue Forest	kms	
	Other Area	kms	
19	Power Line Crossings		
	765 KV	No.	
	400 KV	No.	
	220 KV	No.	
	132 KV	No.	
20	Stringing of power line crossing under Live line condition	No.	
21	Pollution details		
	Line stretch in polluted areas/fog prone area/near costal/creeks/backwaters	Kms	
22	Other Important details		

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	Tower Type	Unit	Quantity	Foundation classification												
				Dry	Wet	Wet cultiv	PS	FS	WBC	DFR	WFR	SFR	HR	Sandy	Pile	Well
	A/DA/QA Type tower	Nos.	0	0	0		0	0	0	0	0	0	0	0	0	0
	Normal Tower	Nos	0													
	+3M Extn	Nos	0													
	+6M Extn	Nos	0													
	+9M Extn	Nos	0													
	+18M Extn	Nos	0													
	+25M Extn	Nos	0													
	B/DB/QB Type tower	Nos.	0	0	0		0	0	0	0	0	0	0	0	0	0
	Normal Tower	Nos	0													
	+3M Extn	Nos	0													
	+6M Extn	Nos	0													
	+9M Extn	Nos.	0													
	+18M Extn	Nos	0													
	+25M Extn	Nos	0													
	C/DC/QC Type tower	Nos.	0	0	0		0	0	0	0	0	0	0	0	0	0
	Normal Tower	Nos	0													
	+3M Extn	Nos	0													
	+6M Extn	Nos	0													
	+9M Extn	Nos	0													
	D/DD/QD Type tower	Nos.	0	0	0		0	0	0	0	0	0	0	0	0	0
	Normal Tower	Nos	0													
	+3M Extn	Nos	0													
	+6M Extn	Nos	0													
	+9M Extn	Nos	0													
	+18M Extn	Nos	0													
	+25M Extn	Nos	0													
	Gantry	Nos.	0													
	Total		0	0	0		0	0	0	0	0	0	0	0	0	0

	D/C	M/C	TOTAL
Total suspension Towers	0	0	0
Total Tower Type 'D/DD/QD'	0	0	0
Total Tension Towers	0	0	0
total Normal Towers	0	0	0
Total Anchor Towers			
Total RC Towers			
Total Towers	0	0	0