Comparison of alternate Routes for Route Selection

A Name of Line :

Sl NO	Details	Unit	Routes		
			Route 1	Route 2	Route 3
1	**Bee Line Length**	kms			
2	**Route Length**	kms			
3	**Windzone**				
(i)	Wind Zone 1	kms			
(ii)	Wind Zone 2	kms			
(iii)	Wind Zone 3	kms			
(iv)	Wind Zone 4	kms			
(v)	Wind Zone 5	kms			
(vi)	Wind Zone 6	kms			
4	**Terrain**				
(i)	Coastal Area	kms			
(ii)	Plain Area	kms			
(iii)	Hilly Area	kms			
(iv)	Mountain Area	kms			
(v)	Snow Bound	kms			
(vi)	Altitude				
(a)	0m to 1000m	kms			
(b)	1000m to 2000m	kms			
(c)	2000m to 3000m	kms			
(d)	3000m to 4000m	kms			
(e)	4000m to 5000m	kms			
5	**Angle points**	nos.			
(a)	Normal Lattice Towers	nos.			
(b)	Multi-circuit Towers	nos.			
(c)	Monopole	nos.			
(d)		nos.			
6	**ForestLand & Protected Area**				
(i)	Reserve/Protected/Notified Forest	kms			
(ii)	Revenue/Social/Deemed, etc.	kms			
(iii)	Protected Area i.e. National Park/Wildlife Sanctuary/ Biosphere Reserve/ Tiger Reserve/Tiger Corridor/Any Other Conservation Reserve	kms			
(iv)	Elephant Corridor/Reserve	kms			
(v)	Eco-Sensitive Areas	kms			
(vi)	Coastal Regulatory Zone	kms			
(vii)	GIB (Priority/Potential Area)/ Any other endangered species	kms			
(viii)	Avifauna Area/Bird Sanctuary	kms			
7	**Major River Crossing**	Nos.			
(i)	River Name				
(ii)	Section length	kms			

Sl NO	Details	Unit	Routes		
			Route 1	**Route 2**	**Route 3**
(iii)	Number of Pile locations anticipated	Nos.			
8	**Creak Area/Marshy Area/Water-logged area**	kms			
9	**Airport /Aerodrome/Airstrip (within 10kms radii of Route)**				
(i)	Civil Aviation	nos.			
(ii)	Defence Aviation & Other Facility viz Training	nos.			
(iii)	Emergency Landing Airstrips	nos.			
(iv)	Rifle ranges/ Air to Ground Firing Ranges	nos.			
(v)	Helipads	nos.			
(vi)	Radar stations	nos.			
(vii)	Water Aerodromes	nos.			
10	**Roads**				
(i)	NH/Expressway	nos.			
(ii)	SH	nos.			
(iii)	MDR	nos.			
11	**Railway Crossings**	nos.			
12	**Powerline crossings**				
(i)	400 kV and Above	nos.			
(ii)	110kV Up to 400kV	nos.			
(iii)	66 KV	nos.			
13	**Wind Mill Area**	kms			
14	**Mines**				
(i)	Major Mines	kms			
(ii)	Minor Mines/Quarry Sites	kms			
15	**Orchards/Plantations/Tea Garden**	kms			
16	**Economic Corridor/Industrial Area/Corridor/City Master Plan area**	kms			
17	**RoW constraint area requiring special structures like monopoles**	kms			
18	**Ease for maintenance**				