Foundation design to be done by the bidder

ANNEXURE-2

Tower Type	Soil type	Fdn Qnty / Category
A	**A. Anwara-Cox's Bazar (North) 230 kV double circuit transmission line (Initially charged at 132 kV): 109 km with 0.49 km river crossing portion (using twin ACSR mallard Conductor)**	
4D1	Pile Foundation for any Soil Category	2
4D1	Pile Foundation with (1.0/2.0/3.0 meter raised chimney) for any soil category	2
2DL	Pile Foundation (1.0 meter raised chimney) for soil category-2	7
2DL	Pile Foundation (1.0 meter raised chimney) for soil category-3	8
2DL	Pile Foundation (1.0 meter raised chimney) for soil category-4	7
2DL	Pile Foundation (2.0 meter raised chimney) for soil category-2	7
2DL	Pile Foundation (2.0 meter raised chimney) for soil category-3	8
2DL	Pile Foundation (2.0 meter raised chimney) for soil category-4	7
2DL	Pile Foundation (3.0 meter raised chimney) for any soil category	6
2D1	Pile Foundation (1.0 meter raised chimney) for any soil category	4
2D1	Pile Foundation (2.0 meter raised chimney) for any soil category	4
2D1	Pile Foundation (3.0 meter raised chimney) for any soil category	4
2D25	Pile Foundation (1.0 meter raised chimney) for any soil category	4
2D25	Pile Foundation (2.0 meter raised chimney) for any soil category	4
2D25	Pile Foundation (3.0 meter raised chimney) for any soil category	4
2DT6	Pile Foundation (1.0 meter raised chimney) for soil category-2	3
2DT6	Pile Foundation (1.0 meter raised chimney) for soil category-3	3
2DT6	Pile Foundation (1.0 meter raised chimney) for soil category-4	3
2DT6	Pile Foundation (2.0 meter raised chimney) for soil category-2	3
2DT6	Pile Foundation (2.0 meter raised chimney) for soil category-3	3
2DT6	Pile Foundation (2.0 meter raised chimney) for soil category-4	3
2DT6	Pile Foundation (3.0 meter raised chimney) for any soil category	3
2D9	Pile Foundation for Soil Category-2	1
2D9	Pile Foundation for Soil Category-3	1
2D9	Pile Foundation for Soil Category-4	1
2D9	Pile Foundation (1.0 meter raised chimney) for any soil category	1
2D9	Pile Foundation (2.0/3.0 meter raised chimney) for any soil category	1
2QL	Pile Foundation (1.0 meter raised chimney) for any soil category	1
2QL	Pile Foundation (2.0 meter raised chimney) for any soil category	1
2Q1	Pile Foundation (1.0 meter raised chimney) for any soil category	1

Foundation design to be done by the bidder

ANNEXURE-2

Tower Type	Soil type	Fdn Qnty / Category
2Q1	Pile Foundation (2.0 meter raised chimney) for any soil category	1
2Q15	Pile Foundation (1.0 meter raised chimney) for any soil category	1
2Q15	Pile Foundation (2.0 meter raised chimney) for any soil category	1
2Q30	Pile Foundation (1.0 meter raised chimney) for any soil category	1
2Q30	Pile Foundation (2.0 meter raised chimney) for any soil category	1
2QT6	Pile Foundation (1.0 meter raised chimney) for any soil category	1
2QT6	Pile Foundation (2.0 meter raised chimney) for any soil category	1
2DR	Pile Foundation for Tower type 2DR Standard (River Crossing Foundation)	1
2DR	Pile Foundation for Tower type 2DR M20 (River Crossing Foundation)	1
2DR	Pile Foundation for Tower type 2DR Standard (Non-River Crossing Foundation)	1
2DAX	Pile Foundation for Tower type 2DAX Standard (River Crossing Foundation)	2
2DAX	Pile Foundation for Tower type 2DAX Standard (Non-River Crossing Foundation)	1
2DT6	River Crossing Foundation for Normal (Non-River Crossing) Tower	2
2D1	River Crossing Foundation for Normal (Non-River Crossing) Tower (Any Extension)	2
4D1	River Crossing Foundation for Normal (Non-River Crossing) Tower (Any Extension)	2
B	**Bangabandhu Hi-Tech City-Kaliakoir 230 kV double circuit transmission line: 4.88 km (using Twin ACSR Mallard conductor)**	
2DL	Pile Foundation (1.0/2.0 meter raised chimney) for any soil category	1
2D1	Pile Foundation (1.0 meter raised chimney) for any soil category	1
2D1	Pile Foundation (2.0 meter raised chimney) for any soil category	1
2D25	Pile Foundation (1.0 meter raised chimney) for any soil category	1
2D25	Pile Foundation (2.0 meter raised chimney) for any soil category	1
2DT6	Pile Foundation (1.0 meter raised chimney) for any soil category	1
2DT6	Pile Foundation (2.0 meter raised chimney) for any soil category	1
2QL	Pile Foundation (1.0/2.0 meter raised chimney) for any soil category	1
2Q1	Pile Foundation (1.0/2.0 meter raised chimney) for any soil category	1
2Q15	Pile Foundation (1.0/2.0 meter raised chimney) for any soil category	1
2Q30	Pile Foundation (1.0/2.0 meter raised chimney) for any soil category	1
2QT6	Pile Foundation for any Soil Category with any chimney height	1
2QT6	River Crossing Foundation for Normal (Non-River Crossing) Tower	1

Foundation design to be done by the bidder ANNEXURE-2

Tower Type	Soil type	Fdn Qnty / Category
C	**C. Cox's Bazar (North)-Teknaf 132 kV double circuit transmission line: 65 km (using Single ACSR Grosbeak Conductor)**	
1DL	Pile Foundation (1.0 meter raised chimney) for soil category-2	7
1DL	Pile Foundation (1.0 meter raised chimney) for soil category-3	8
1DL	Pile Foundation (1.0 meter raised chimney) for soil category-4	7
1DL	Pile Foundation (2.0 meter raised chimney) for soil category-2	7
1DL	Pile Foundation (2.0 meter raised chimney) for soil category-3	8
1DL	Pile Foundation (2.0 meter raised chimney) for soil category-4	7
1D1	Pile Foundation (1 meter raised chimney) for any soil category	1
1D1	Pile Foundation (2 meter raised chimney) for any soil category	1
1D25	Pile Foundation (1 meter raised chimney) for any soil category	6
1D25	Pile Foundation (2 meter raised chimney) for any soil category	5
1DT6	Pile Foundation (1 meter raised chimney) for any soil category	5
1DT6	Pile Foundation (2 meter raised chimney) for any soil category	5
1QL	Pile Foundation (1 meter raised chimney) for any soil category	1
1QL	Pile Foundation (2 meter raised chimney) for any soil category	1
1Q15	Pile Foundation (1 meter raised chimney) for any soil category	1
1Q15	Pile Foundation (2 meter raised chimney) for any soil category	1
1Q30	Pile Foundation (1 meter raised chimney) for any soil category	1
1Q30	Pile Foundation (2 meter raised chimney) for any soil category	1
1QT6	Pile Foundation (1 meter raised chimney) for any soil category	1
1QT6	Pile Foundation (2 meter raised chimney) for any soil category	1
1DT6	River Crossing Foundation for Normal (Non-River Crossing) Tower	2
1D1	River Crossing Foundation for Normal (Non-River Crossing) Tower	2
D	**D. 132 kV Line-In-Line-Out (LILO) at Cox's Bazar (North) substation from Dohazari - Cox's Bazar 132 kV double circuit transmission line: 1.55 km (using Single ACSR Grosbeak equivalent ACCC conductor)**	
1DT6	Pile Foundation for any soil category with (1.0/2.0 meter raised chimney)	1
1QL	Pile Foundation for any soil category with (1.0/2.0 meter raised chimney)	1
1Q15	Pile Foundation for any soil category with (1.0/2.0 meter raised chimney)	1
1Q30	Pile Foundation for any soil category with (1.0/2.0 meter raised chimney)	1
1QT6	Pile Foundation for any soil category with (1.0/2.0 meter raised chimney)	1