Annexure-1

SCOPE OF THE PROJECT

A.	**Construction of 400/220 kV, 2×500 MVA GIS substation Metro Depot (Gr. Noida) with associated lines**
1.	Construction of 400/220 kV, 2×500MVA GIS substation Metro Depot (Gr. Noida) (along with 125MVAR Bus Reactor) • 400 kV, 500 MVA ICT Bays: 02 Nos. • 400 kV Feeder Bays: 02 Nos. • 400 kV Bus Reactor Bays: 01 Nos. • 400 kV Bus Coupler Bay: 01 Nos. • 220 kV, 500 MVA ICT Bays: 02 Nos. • 220 kV Inter Connecting (220kV S/S Metro Depot) Bays: 02 Nos. • 220 kV Future Bays: 02 Nos. • 220 kV Bus Coupler Bay: 01 Nos.
2.	LILO of one ckt. of 400 kV Greater Noida (765 kV) – Pali, Gr. Noida DC line at 400/220 kV GIS substation Metro Depot (Gr. Noida) (LILO Line on 400kV Double Circuit Monopole & Twin Moose HTLS conductor along with OPGW stringing work)
B.	**Construction of 400/220 kV, 2×500 MVA GIS substation Jalpura with associated lines**
1.	Construction of 400/220 kV, 2×500MVA GIS substation Jalpura (Gr. Noida) (alongwith 125MVAR Bus Reactor) • 400 kV, 500 MVA ICT Bays: 02 Nos. • 400 kV Feeder Bays: 02 Nos. • 400 kV Bus Reactor Bays: 01 Nos. • 400 kV Bus Coupler Bay: 01 Nos. • 220 kV, 500 MVA ICT Bays: 02 Nos. • 220 kV Inter Connecting (220kV S/S Jalpura) Bays: 02 Nos. • 220 kV Future Bays: 02 Nos. • 220 kV Bus Coupler Bay: 01 Nos.
2.	400 kV Jalpura – THDC TPS Khurja DC line (Twin Moose HTLS conductor and Monopole/Narrow Base Tower/ Conventional Tower and OPGW stringing work)

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