

SECTION-I

1. General Information and Scope

M/s Teestavalley Power Transmission Ltd. (TPTL) is a Joint Venture between M/s Teesta Urja Ltd. (TUL) and M/s Power Grid Corporation of India Ltd. (POWERGRID) for construction, operation & maintenance of 400 kV D/C Transmission Line from Teesta III Hydro Electric Project (1200 MW) of M/s Teesta Urja Ltd in the State of Sikkim to Kishanganj Pooling Station of POWERGRID in the State of Bihar of length 215 km. Route alignment of the transmission line passes through North Sikkim, East Sikkim, South Sikkim, West Bengal Hills (Darjeeling Hills), West Bengal Plains and Bihar.

Construction of aforesaid Transmission Line in South Sikkim is in advanced stage of completion. Out of a total of 65 locations, foundation works at 63 locations and erection works at 60 locations have already been completed. Also, 18 km out of a total 20.7 km of stringing in the above section have been completed.

However, after the stringing works were carried out, it was found that statutory electrical clearances at a few sections were not present. Hence it is necessary to carry out Earth Cutting Works in South Sikkim to maintain the statutory electrical clearances.

1.1 Scope

Scope of work includes but not limited to providing of all services necessary for the execution of Earth Cutting Works to maintain statutory electrical clearances for 400kV D/C Quad Teesta III HEP – Kishanganj Transmission Line inter-alia, including transportation, provide & transport all materials & other related works including disposal of excavated muck at suitable locations, insurance to your men, materials & equipment, insurance covering physical loss or damage to the Facilities or any third parties at the Site, occurring prior to Completion of the Facilities as indicated in conditions of contract and also put up detailed proposals for protection walls, required after Earth Cutting. However, construction of the protection walls will not be in the scope of the contractor

The tentative quantity of excavation at various locations is tabulated below:

Sl. No.	Span	Unit	Volume of Earth Cutting Required
1	90/0 – 91/0	Cu.m	1540
2	91/1 – 93/0	Cu.m	2250
3	102/0 – 104/0	Cu.m	475
4	110A/0 – 111/0	Cu.m	8300
5	112/0 – 113/0	Cu.m	690
6	140/1 – 140/2	Cu.m	60
7	144/0 – 144/1	Cu.m	800
	Total	Cu.m	14115