TECHNICAL SPECIFICATIONS

SECTION- II

Land Scheduling

1. General Information & Scope of Work

1.1. The technical specifications cover Land Scheduling for the transmission lines/ part of the transmission lines under this specification.

2. Land Scheduling.

2.1 Village Identification and Boundary Demarcation: Accurately identify all villages falling within the Transmission Line corridor and delineate their boundaries along the transmission line corridor.

2.2 Cadastral Data Acquisition and Preparation:

a) Obtain Cadastral maps in digital or physical format for each relevant village.

b) In case of physical format, Georeferenced all relevant cadastral maps to align with actual village boundaries and Transmission Line Corridor.

c) Marking of the transmission line route and corridor on the digitized/ georeferenced cadastral maps

2.3 Land Parcel and Ownership Identification:

a) Identify all Khasra numbers (individual field/plot identifiers) falling within the corridor.

b) Ascertain ownership details for each identified Khasra number, categorizing them as Private or Government-owned through Jamabandi/ Khasra-Khatauni copies.

c) For private lands, Complete name of the first land owner in case of Multiple Land owners may be indicated. In case the land parcel is indicated commercial in the nature in the Jamabandi / Khasra-Khatauni copies, the same may also be indicated in the land schedule statement.

d) For government lands, specify the Name of agency/ authority/ utility like Revenue, Railway, Forest, Defence, PSUs, Companies etc.

2.4 **Land Schedule Statement:** Prepare a comprehensive land schedule statement incorporating the following details for each identified Khasra number:

a) Line Section (Angle Point to Angle Point or Tower Number)

b) Ownership Detail.

c) State, District, Tehsil

d) Village/Mouza

e) Khasra No./Survey No./Plot No.

f) Extent of involvement of Khasra no. falling in the Transmission line Corridor (in sq.m.) for forest portion.

g) Land Type Classification like Agricultural, Commercial, forest, defence as per clause 2.3 (d) above.

2.5 **Land Schedule Statement:** Provide a detailed land schedule statement in physical and Excel format encompassing all information as specified in the table below –

S.No.	Angle Point/Section No.	State	District	Tehsil	Village/ Mouza	Ownership Details	Khasra No./Survey No./Plot No.	Extent of involvement in RoW for forest portion (sq.m.)	Land Type as per 2.4 (d)

2.6 **Copies of Jamabandi of all Khasra nos.** or equivalent document falling in the Transmission line corridor obtained through Revenue or Official Portal viz. Bhunaksha etc. to be provided.

2.7 Deliverables:

2.7.1 For forest area, deliver a shapefile and a KML file containing Digitized Cadastral map boundaries of relevant Khasra nos. superimposed on the transmission line corridor. Each Cadastral Boundary polygon of relevant Khasra within the shapefile shall include attributes (Name and type of Forest, village/mouza, Khasra No./Survey No./Plot No.).

2.7.2 The georeferenced cadastral map with the transmission line corridor marked on it for the complete route in soft copy.