

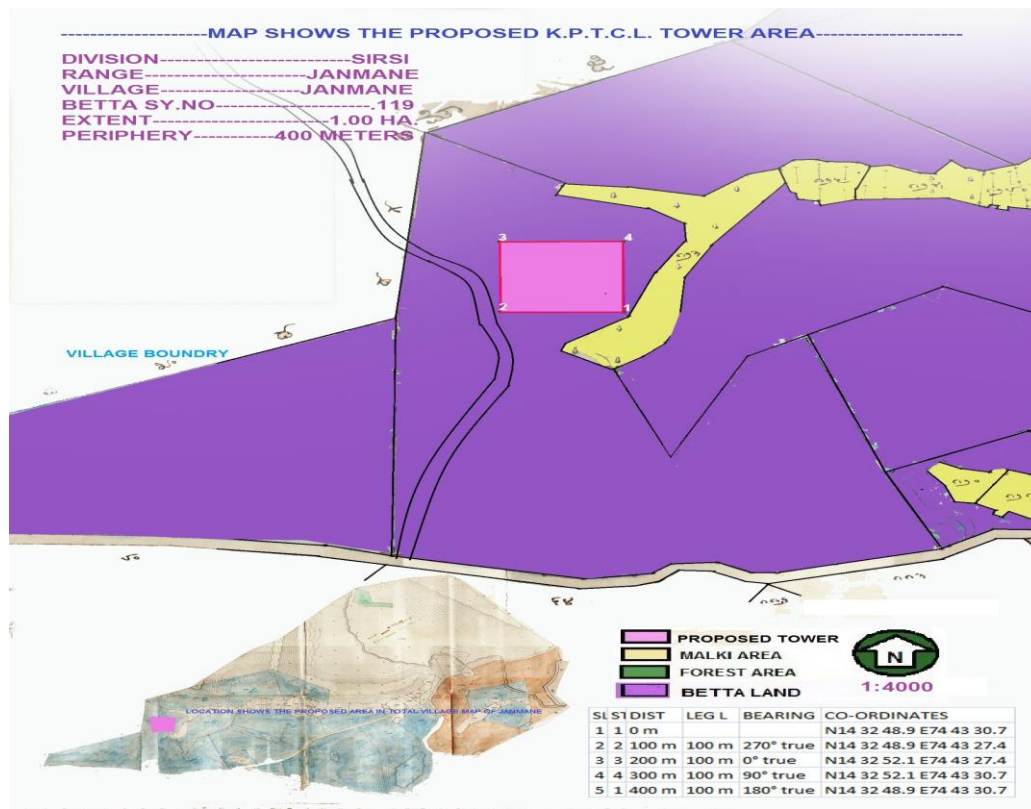
**KARNATAKA POWER TRANSMISSION CORPORATION LTD.**

No . : 605/EEE/MWD/UKD/AEE(O)/HBL/21-22/  
Enclosure:



Office of the  
Executive Engineer (Ele),  
Major Works Division (UK District),  
KPTCL, Vidhyuth Nagar  
Karwar Road, **Hubballi-24**

Registered office of the Company: Corporate Office, Kaveri Bhavan, KPTCL, KG Road, Bengaluru-09.  
Corporate Identity Number (CIN) :U40109KA1999SGC025521

**JUSTIFICATION NOTE****Alternative-1**

Station land required: 1.00 Ha (JANMANE VILLAGE, HATTARGI CROSS SY NO: 119

Length of line =150 mtrs

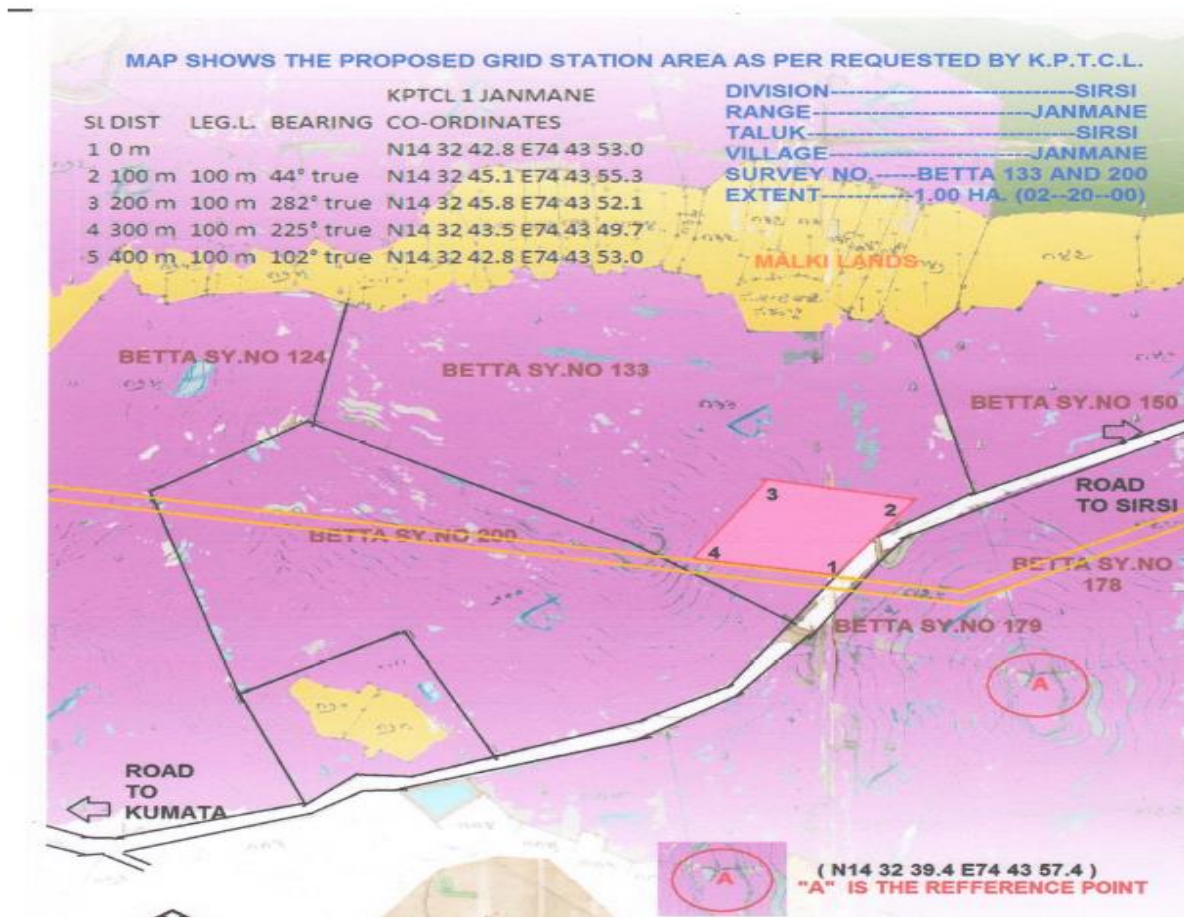
Length of line passing through forest= 150mtrs

Extent of forest land required for construction of line = (150mtrs x 22mtrs)/10000= 0.33 Ha

Total Forest Land required= 1.33 Ha

The land identified for the construction of Sub Station is forest land to an extent of 1Ha. The line length required for construction of 110kV line is 150 mtrs which passes through forest land. Hence, extent of land required for diversion for construction of 110kV line is 0.33 Ha. The total extent of forest land required is 1.33 Ha. The identified land is being Government Betta land which comes under protected forest category. The Regional Commissioner Belgavi requested to obtain NOC from forest authorities for the proposal of handing over the Govt Betta Land to KPTCL. However, the proposed forest land being protected forest category, the proposed forest land cannot be diverted and hence NOC was rejected. Further the proposal for establishing 110kV S/S Hattargi at Janamane Village Hattargi Cross SY No: 119 was dropped.

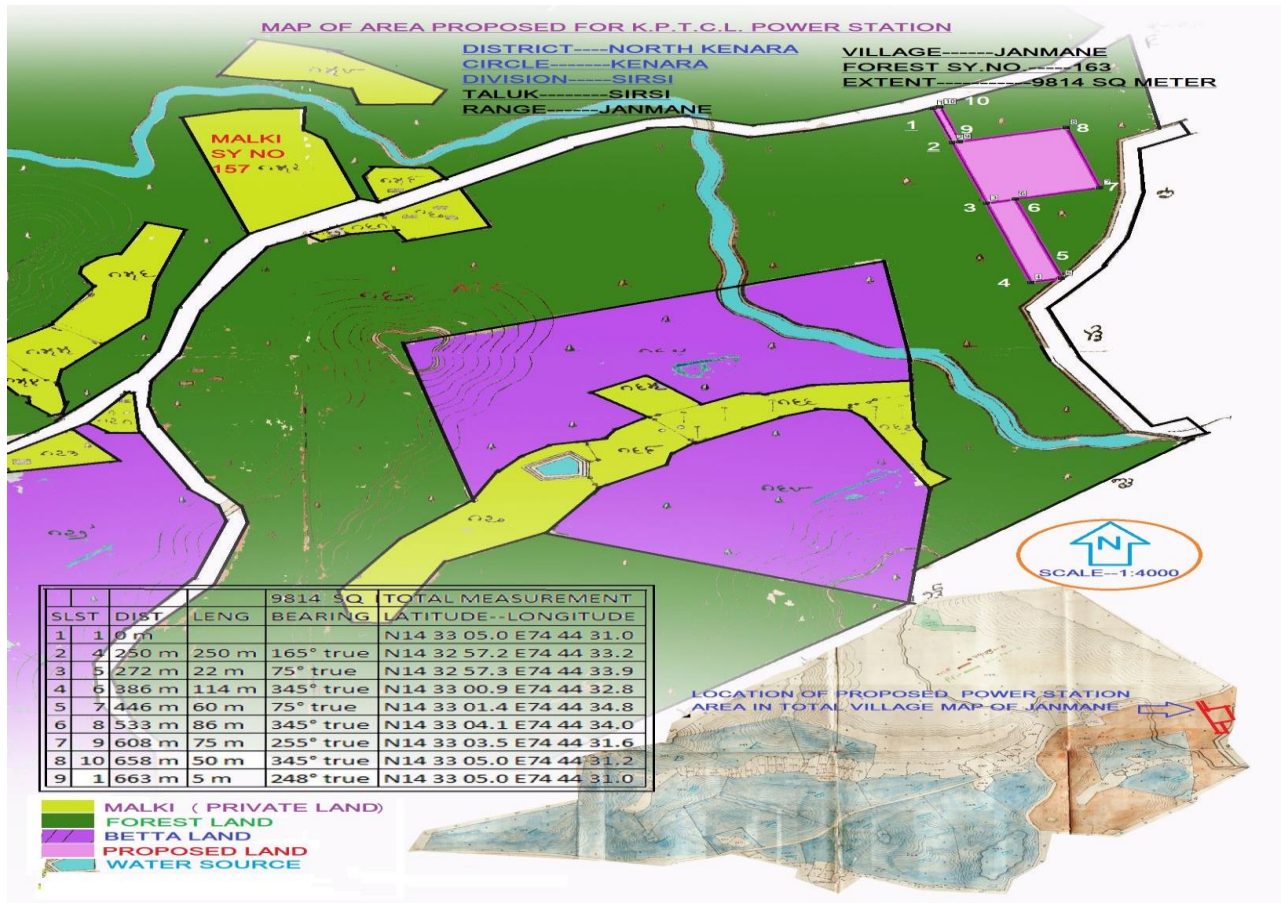
## Alternative-2



Station land required: 1.00 Ha (JANMANE VILLAGE SY No: 133 & 200)  
Length of line =NIL (The proposed station is adjacent to existing 110kV line  
Length of line passing through forest= NIL  
Extent of forest land required for construction of line = NIL  
Total Forest land required= 1 Ha

The alternate land identified for the construction of Sub Station is also forest land to an extent of 1Ha. Construction of separate 110kV line is not required since the proposed 110kV Sub station is proposed adjacent to existing 110kV Kumta-Sirsi line corridor. But the owners of Government Betta land denied to handover the land. Hence the proposal for establishing 110kV S/S Hattargi at Janamane Village SY No: 133 & 200 was dropped.

### Alternative-3



Extent Station land required: 0.70 Ha (JANMANE VILLAGE SY No: 163)

Length of line = 113.60 Mtrs

Extent of forest land required for construction of line =  $113.6 \text{ mtrs} \times 22 \text{ mtrs} / 10000 = 0.25 \text{ Ha}$

Extent of land required for construction of Road= 0.0331 Ha

Total extent of forest land= 0.9831 Ha

The land identified for the construction of Sub Station is forest land to an extent of 0.70Ha.

Proposed line corridor required for construction of 110kV line is 114 Mtr. Considering 22 Mtrs line corridor, the extent of forest land required for construction of 110kV lines is 0.25 Ha & extent of forest land for construction of proposed road is 0.0331 Ha. Hence the total extent of land required for diversion is 0.9831 Ha.

From the above, it is concluded that the land identified in Alternative-3 is technically feasible as the extent of forest land required for diversion is less compared to Alternative-1 & Alternative-2. The number of trees to be felled is also less compared to Alternative-1 & 2. Moreover, the proposed site in alternative-3 is at the load centre for easy distribution of load.

Hence, land identified in alternative-3 i.e F SY No: 163 is considered for establishing 110kV S/S Hattargi.

C/s

*[Signature]*

Assistant Engineer(Ele)  
MWSD, KPTCL, Sirsi

*[Signature]*

Assistant Executive Engineer (Ele)  
MWSD, KPTCL, Sirsi

*[Signature]*

Executive Engineer (Ele)  
Major Works Division(UK District)  
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