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## JUSTIFICATION FOR LOCATING THE PROJECT IN FOREST AREA

The government of Telangana state has taken up Kaleshwaram Lift Irrigation project as prestigious project and is spread over mostly in erstwhile Karimnagar, Adilabad and Nizamabad districts under different packages.

Under package-22 of Kaleshwaram lift irrigation project a pump house in Yacharam Thanda in Kamareddy district is proposed to lift the 15 TMC of water from Kondem cheruvu to feed the 2 Lakh acers of cultivation land and for drinking water as well.

As it is necessary to extend the power supply to newly proposed Yacharam thanda pump house, the TSTRANSCO technical committee after exploring all alternatives has finalized the connectivity from 400/220 KV Dichpally Substation to the newly proposed 220/11 KV Yacharam thanda Substation with 220KV Double circuit transmission line of length 26.85 KM.

After connectivity is finalized the route proposal for line was sent to technical committee for approval with two alternatives i.e route-1 and route-2.

**Route-1:** the length of transmission line is 26.85Km in which about 1.8Km line length has to pass through Manchippa Reserved forest.


**Route-2:** the length of transmission line is 32.6 Km in which about 2.8Km line length has to pass through Manchippa Reserved forest.

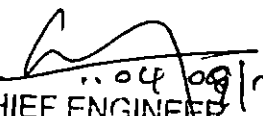
Out of total length of line 1.8 Km of line length is causing least damage to the forest land among two alternatives. Hence Committee has approved route-1 for laying line. The TOPO Map showing the Bee line, Route-1, and Route-2 is also attached here.

As per guidelines mentioned in forest (conservation) act, 1980, the width for laying 220KV line is taken as 35 mtr. As such the, the total forest area required for diversion comes to 6.0860 Ha.

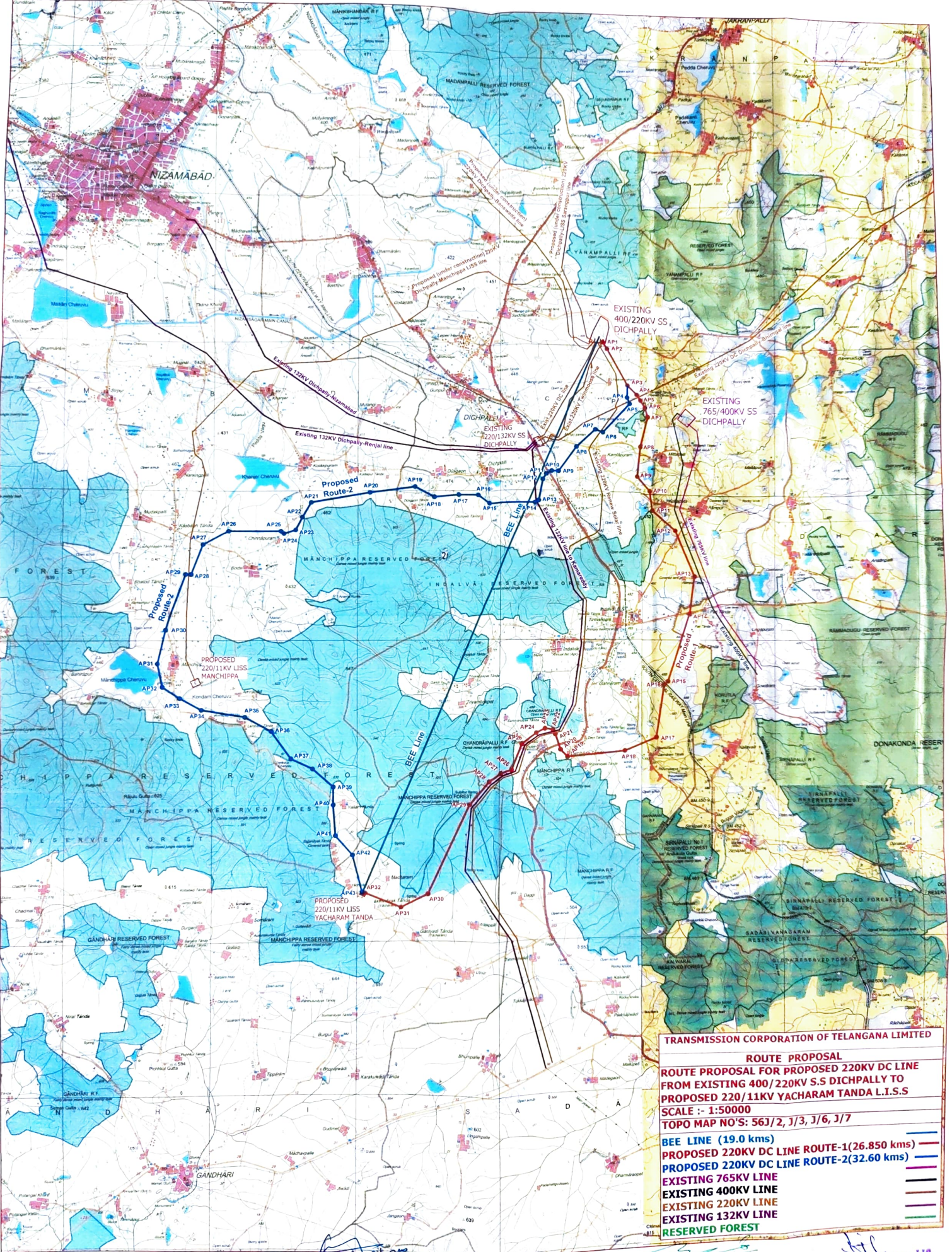
As there is no alternative to that of utilization of the forest land, the proposal is submitted for diversion of least effected forest land with route-1.

  
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**TRANSMISSION CORPORATION OF TELANGANA LIMITED**

**ROUTE PROPOSAL**

**ROUTE PROPOSAL FOR PROPOSED 220KV DC LINE FROM EXISTING 400/220KV S.S DICHPALLY TO PROPOSED 220/11KV YACHARAM TANDA L.I.S.S**

**SCALE :- 1:50000**

**TOPO MAP NO'S: 563/2, 1/3, 1/6, 1/7**

**BEE LINE (19.0 kms)**

**PROPOSED 220KV DC LINE ROUTE-1(26.850 kms)**

**PROPOSED 220KV DC LINE ROUTE-2(32.60 kms)**

**EXISTING 765KV LINE**

**EXISTING 400KV LINE**

**EXISTING 220KV LINE**

**EXISTING 132KV LINE**

**RESERVED FOREST**

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