

**APPENDIX
(See Rule 6)
FORM-'A'**


**Form for seeking prior approval under section 2 of the proposals by the
state
Government and other authorities
PART-1
(TO BE FILLED BY USER AGENCY)**

1.		Project details:	
	(i)	Short narrative of the proposal and project/scheme for which the forest land is required.	<p>The present proposal is for prior approval for diversion of 29.6878 ha of the Forest Land under F (C) Act 1980 and W(P)Act,1972 for the purpose of Erection of 400 KV QMDC line (in Forest Areas) from the proposed 1x800 MW Power Plant at KTS Paloncha to the proposed 400/220 kV SS at Padamati Narsapuram (V) Julurupadu (M) Khammam (Dist) as a part of KTS Thermal Power Transmission Scheme.</p> <p>Out of this, length of the line passing through the forest is 6453.91 m (4170.91 m in Chatakonda RF of Kothagudem Forest Division; and 2283 m in Chatakonda RF of Paloncha Wild Life Forest Division. The 400 KV DC line requires forest width of 46 m.</p> <p>Hence, the forest areas proposed for diversion are 19.186 ha in Kothagudem Forest Division and 10.5018 ha in Paloncha Wild Life Forest Division.</p> <p>Already proposals for Kothagudem and Paloncha Divisions submitted. During inspection, it is found that additionally 10.5018 ha in Paloncha Wild Life Forest Division is also required. Hence, submitted additional proposals.</p> <p style="text-align: center;">Detailed note on the project enclosed.</p>
	(ii)	Map showing the required forest land, boundary of adjoining forest on a 1:50,000 scale map.	<p>Map showing the reserve forest and adjacent forest is enclosed.</p> <p>The ETS & DGPS/GNSS Survey data map authenticated by the Forest Department enclosed.</p>
	(iii)	Cost of the project	Rs.63.25.00 Crores
	(iv)	Justification for locating the project in forest area	<p>At present TSTRANSCO transmitting power from power plants and various sub-stations to various consumers, DISCOMS at 132KV, 220KV & 400KV level voltages depend upon the capacity of generation of power plants and requirement by consumer. The Telangana State Government has taken decision to supply the power to the people of Telangana uninterruptedly. Accordingly, establishment of new power generation stations and laying of new power lines have been proposed and approved.</p> <p>One of the important approved power generation plant is KTS Thermal Power Plant with capacity of 1X800MW (800 MW) is approved at Paloncha in Khammam District.</p> <p>This power has to be transmitted at 400 KV level only (as per norms) to the National Grid for further distribution. For this, it is proposed to construct a 400/220 KV Substation at Julurupadu for transmitting the power at 400 KV level to the</p>

		<p>national grid by constructing other sub-stations at Jangaon(Warangal District) at 400/220 kV SS level and connecting to existing 400/220 KV SS at Suryapeta in Nalgonda District and to cater the power at 220 KV level to various sub-stations for maintaining uninterrupted power supply and to meet the loads in Telangana State.</p> <p>Duly considering the above facts, the proposed 400 KV QMDC line from the proposed 1X800MW KTS Thermal Power Plant at Paloncha to the proposed 400/220 kV SS at Padamati Narsapuram (V) in Julurupadu (M) of Khammam (Dist), which is of Bee line length of 26Km. But as Bee line is passing completely through heavy forest it is proposed to avoid the forest of about 12km. It is a well-known fact that the power losses will be more at low voltages and for long distances also. However, to avoid the forest areas to minimum, it was decided to increase the bee line length upto 38.601 km against Bee line length of 26 km as normally which should not exceed 10%. But at some stretches it is must cross the forest as there is no corridor. By this the length of the alignment from 12 km inside forest is reduced to about 8.2 km i.e., about 80% is reduced. The details of forest area required are as follows:</p> <table><tr><th>Division</th><th>RF</th><th>Status</th><th>Length in m</th><th>Width in m</th><th>Area in ha</th></tr><tr><td>Kothagudem</td><td>Non-RF</td><td>ESZ</td><td>9516.0</td><td>46</td><td>43.7736</td></tr><tr><td>Kothagudem</td><td>Chatakonda RF</td><td>ESZ</td><td>4170.91</td><td>46</td><td>19.186</td></tr><tr><td>Paloncha WLM</td><td>Non-RF</td><td>Enclosure in WLS</td><td>1781.0</td><td>46</td><td>8.1926</td></tr><tr><td>Paloncha WLM</td><td>Chatakonda RF</td><td>WLS</td><td>2283.0</td><td>46</td><td>10.5018</td></tr><tr><td>Paloncha</td><td>Non-RF</td><td>ESZ</td><td>7534.0</td><td>46</td><td>34.6564</td></tr></table> <p>The abstract is as follows:</p> <table><tr><th>Description / Division</th><th>Length in m</th><th>Width in m</th><th>Area in ha</th></tr><tr><td>Passing through RF (excluding WLS & ESZ)</td><td>0.0</td><td>46</td><td>0.0000</td></tr><tr><td>Passing through WLS with RF / Paloncha WLM</td><td>2283.0</td><td>46</td><td>10.5018</td></tr><tr><td>Passing through ESZ with RF / Kothadudem</td><td>4170.91</td><td>46</td><td>19.186</td></tr><tr><td>Passing through Enclosure in WLS without RF / Paloncha WLM</td><td>1781.0</td><td>46</td><td>8.1926</td></tr><tr><td>Passing through ESZ without RF / Kothagudem & Paloncha</td><td>17050.0</td><td>46</td><td>78.4300</td></tr></table> <p>Detailed note on the project enclosed.</p>	Division	RF	Status	Length in m	Width in m	Area in ha	Kothagudem	Non-RF	ESZ	9516.0	46	43.7736	Kothagudem	Chatakonda RF	ESZ	4170.91	46	19.186	Paloncha WLM	Non-RF	Enclosure in WLS	1781.0	46	8.1926	Paloncha WLM	Chatakonda RF	WLS	2283.0	46	10.5018	Paloncha	Non-RF	ESZ	7534.0	46	34.6564	Description / Division	Length in m	Width in m	Area in ha	Passing through RF (excluding WLS & ESZ)	0.0	46	0.0000	Passing through WLS with RF / Paloncha WLM	2283.0	46	10.5018	Passing through ESZ with RF / Kothadudem	4170.91	46	19.186	Passing through Enclosure in WLS without RF / Paloncha WLM	1781.0	46	8.1926	Passing through ESZ without RF / Kothagudem & Paloncha	17050.0	46	78.4300
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	(v)	Cost-benefit analysis (to be enclosed).	Statement enclosed.																																																											
	(vi)	Employment likely to be generated	During construction of this project 150 persons will get benefited, after completion of project 10 No's regular staff is required for maintenance works.																																																											
2.		Purpose-wise break-up of the total land required.	After working out various alternative Alignments, the diversion of forest land to the minimum requirement is worked out. This forest land is proposed to be utilized for laying of 400 KV QMDC line from the proposed 1X800MW KTS																																																											

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3.		Details of displacement of people due to the project, if any:						
	(i)	Number of families.	Does not arise as there are no displacement of the people for the project					
	(ii)	Number of Scheduled Casts/ Scheduled Tribe families.						
	(iii)	Rehabilitation plan (To be enclosed)						
4.		Whether clearance under Environment (Protection) Act, 1986 required? (Yes/No)	Doesn't arise.					
5.		Undertaking to bear the cost of raising and maintenance of compensatory afforestation and/or penal compensatory afforestation as well as cost for protection and	Enclosed.					

	regeneration of Safety Zone, etc., as per the scheme prepared by the State Government	
6.	Details of Certificates/ documents enclosed as required under the instructions.	<ul style="list-style-type: none"> ❖ Justification for locating the Project inside the Forest Land ❖ Undertaking for depositing the funds towards raising and maintenance of Compensatory afforestation. ❖ Undertaking for depositing the funds towards payment of Net Present Value (NPV) and Additional NPV. ❖ Undertaking for depositing the funds towards payment of extraction of tree growth. ❖ Certificate of Area Minimum. ❖ Detailed statement requirement of forest land. ❖ Map in SI sheet showing the forest land ❖ ETS & DGPS/GNSS survey data for forest land proposed for diversion. ❖ Certificate for non-violation of Forest (Conservation) Act, 1980..... etc


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