


The benefit from these Transmission line is more than Rs. 106.59168 Cr per year to the Nation or Rs. 5329.584 Cr. in fifty years if flow of power is continued through this transmission system whereas the cost of project including the compensation against forest area involved and also interest during construction and other misc. expenditure is Rs.63.25 Cr which is very less as compared to profit from this Transmission Line Project. So pay back to period of the project is 8 months. The rest of the period is the profit which is added to the national income.

  
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400KV/Construction Circle  
TS TRANSCO, Warangal.

  
Executive Engineer  
400KV/Construction  
TS TRANSCO, Warangal

**Undertaking**  
**to Pay cost of raising and maintenance of Compensatory Afforestation**


We hereby undertake to pay the cost of raising and maintenance of compensatory afforestation (including raising and maintenance of plantations, aided natural regeneration, SMC works etc.,) over non-forest land offered to forest department, as and when demanded by the forest authorities and also undertake to pay the additional amount if any due to escalation or any other charges at a later date as per the demand raised by the forest authorities in respect of "proposed diversion of 29.6878 ha of forest land for Erection of 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)".

**Division-wise and Package-wise Break up of forest land required:**

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

**The abstract is as follows:**

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
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Passing through ESZ without RF / Kothagudem & Paloncha	17050.0	46	78.4300

  
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**Undertaking for unqualified commitment from project authority  
to Pay cost of extraction of tree growth**


We hereby undertake to pay the cost of exploitation of tree growth of the forest land proposed for diversion under the project as and when demanded by the forest authorities and also undertake to pay the additional amount if any due to escalation or any other charges at a later date as per the demand raised by the forest authorities in respect of in respect of "proposed diversion of 29.6878 ha of forest land for Erection of 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)".

**Division-wise and Package-wise Break up of forest land required:**

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Kothagudem	Non-RF	ESZ	9516.0	46	43.7736
Kothagudem	Chatakonda RF	ESZ	4170.91	46	19.186
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**Undertaking**  
**to Pay Net Present Value**


We hereby undertake to pay Net Present Value (NPV) as per guidelines under Forest (Conservation) Act, 1980 and Wildlife (Protection) Act, 1972 in accordance with the orders of the Hon'ble Supreme Court of India/ State Govt and MoEF in respect of "proposed diversion of 29.6878 ha of forest land for Erection of 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)". We also hereby undertake to pay differential NPV amount, if any, due to escalation or revision of NPV, as and when demanded by the Forest Department.

**Division-wise and Package-wise Break up of forest land required:**

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
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**Undertaking**  
**to pay Addl. Cost of Net Present value (NPV)**


We hereby undertake to pay Addl. Cost of Net Present Value (NPV) as per guidelines under Forest (Conservation) Act, 1980 and Wildlife (Protection) Act, 1972 in accordance with the orders of the Hon'ble Supreme Court of India/ State Govt and MoEF in respect of "proposed diversion of 29.6878 ha of forest land for Erection of 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)". We also hereby undertake to pay differential additional NPV amount, if any, due to escalation or revision of NPV, as and when demanded by the Forest Department.

**Division-wise and Package-wise Break up of forest land required:**

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### **AREA MINIMUM CERTIFICATE**

Certified that the proposed 29.6878 ha forest area for diversion is the minimum and essentially required for the purpose of Erection of 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). Also certified that any other forest land has not taken for this project. We also hereby undertake that no taking of fresh forest land shall be carried out during execution of the Project.


The details of the Forest Lands required are as follows:

#### **Division-wise and Package-wise Break up of forest land required:**

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### **NON VIOLATION CERTIFICATE**


Certified that no work has been carried out in violation of F©Act,1980 and W(P)Act,1972 in the proposed forest area for diversion of 29.6878 ha for Erection of 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).

#### **Division-wise and Package-wise Break up of forest land required:**

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### CERTIFICATE


It is certified that, all the possibilities to avoid forest land for the project have been explored and it is found that no alternative suitable non-forestland is technically feasible and viable to that part of the work for which diversion has been proposed for diversion of 29.6878 ha for Erection of 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).

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## UNDERTAKING


The user agency is hereby undertake that no labour camp shall be established on the forest lands during the construction of the work in the proposed forest area for diversion of 29.6878 ha for Erection of 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).

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**Model and Make of the ETS & DGPS/ GNSS Instruments**

It is certified that the ETS & DGPS/ GNSS Survey was carried out through an outsourcing agency. Make and Model of the ETS Instruments are Topcon hiper sr and Leica 1200 series. The make and model of the DGPS/ GNSS instruments are Trimbl and Leica 1200 series.

  
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