

## Undertaking

We here by 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 Construction of 220 KV Multi Circuit Line and UG Cable from 400/220 KV SS Narsapur to Proposed 220/132/33 KV Bowrampet SS Rangareddy District in association with evacuation of power from 2 X 800 MW Telangana STTP to be established by NTPC at Ramagundam."**

**The details of forest area required are as follows:**

SET	DIVISION	BLOCK	LENGTH Mts	Row WIDTH Mts	AREA _ HA
1	Medak	Narsapur RF	2275.92	35	7.9657
2	Sangareddy	KazipallyRF	622.17	35	2.178
Total			2898.09		10.1437

H. Winkard  
Chief Engineer (Elec.)  
Metro Zone TS TRANSCO  
GTS Colony, Erragadda, Hyd-45


**Superintending Engineer,  
OMC/Metro-West, TSTRANSCO  
Mint Compound, Hyderabad**


**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 **"Proposed Construction of 220 KV Multi Circuit Line and UG Cable from 400/220 KV SS Narsapur to Proposed 220/132/33 KV Bowrampet SS Rangareddy District in association with evacuation of power from 2 X 800 MW Telangana STTP to be established by NTPC at Ramagundam."**

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Mint Compound, Hyderabad

## **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 Construction of 220 KV Multi Circuit Line and UG Cable from 400/220 KV SS Narsapur to Proposed 220/132/33 KV Bowrampet SS Rangareddy District in association with evacuation of power from 2 X 800 MW Telangana STTP to be established by NTPC at Ramagundam."**

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.

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### **To pay Addl. Cost of Net Present value (NPV)**

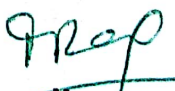
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## AREA MINIMUM CERTIFICATE


Certified that the proposed **2.178** Ha forest area for diversion is the minimum and essentially required for the purpose of "**Proposed Construction of 220 KV Multi Circuit Line and UG Cable from 400/220 KV SS Narsapur to Proposed 220/132/33 KV Bowrampet SS Rangareddy District in association with evacuation of power from 2 X 800 MW Telangana STTP to be established by NTPC at Ramagundam.**"

Also certified that any other forest land has not taken for this project. We also hereby undertake that no further proposal for obtaining of fresh forest land shall be carried out during execution of the Project.

The details of forest area required are as follows:

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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 2.178 Ha **"Proposed Construction of 220 KV Multi Circuit Line and UG Cable from 400/220 KV SS Narsapur to Proposed 220/132/33 KV Bowrampet SS Rangareddy District in association with evacuation of power from 2 X 800 MW Telangana STTP to be established by NTPC at Ramagundam."**

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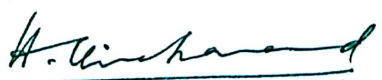



## CERTIFICATE

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-forest land is technically feasible and viable to that part of the work for which diversion has been proposed for diversion of **2.178 Ha "Proposed Construction of 220 KV Multi Circuit Line and UG Cable from 400/220 KV SS Narsapur to Proposed 220/132/33 KV Bowrampet SS Rangareddy District in association with evacuation of power from 2 X 800 MW Telangana STTP to be established by NTPC at Ramagundam."**

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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 **2.178 Ha** **"Proposed Construction of 220 KV Multi Circuit Line and UG Cable from 400/220 KV SS Narsapur to Proposed 220/132/33 KV Bowrampet SS Rangareddy District in association with evacuation of power from 2 X 800 MW Telangana STTP to be established by NTPC at Ramagundam."**

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Superintending Engineer,

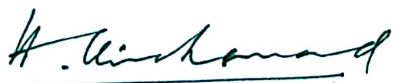
OMC/Metro-West, TSTRANSCO


Mint Compound, Hyderabad



### **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 Trimble and Leica 1200 series.


  
**Chief Engineer (Elec.)**  
**Metro Zone TS TRANSCO**  
**GTS Colony, Erragadda, Hyd-45**

  
**Superintending Engineer,**  
**OMC/Metro-West, TSTRANSCO**  
**Mint Compound, Hyderabad**

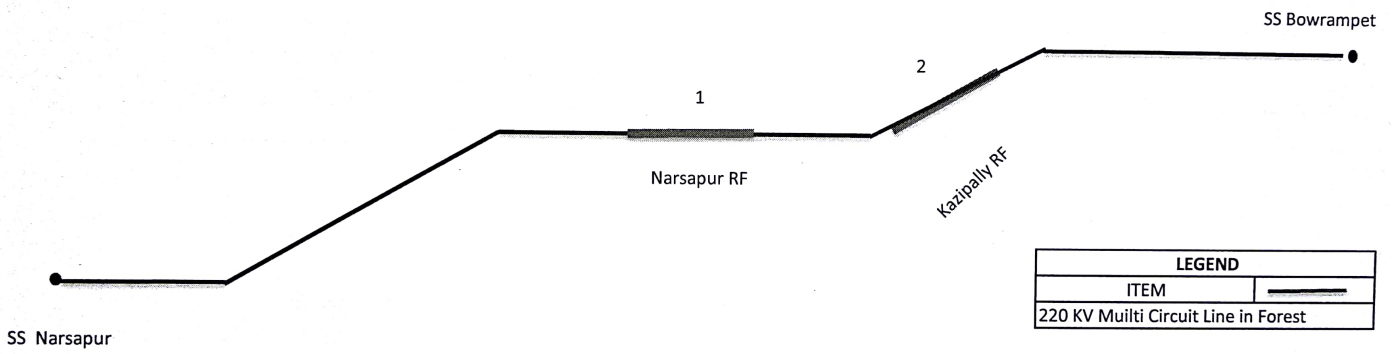
**DETAILS OF SURVEY INSTRUMENTS USED**

S.NO	NAME OF THE AGENCY	INSTRUMENTS USED	PERSONS INVOLVED	PERIOD OF SURVEY
1	CHANDRASEKHARA ENGINEERING CONSULTANTS	TRIMBLE / R4	Prasad / Rajukumar	Oct-17

  
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Metro Zone TS TRANSCO  
GTS Colony, Erragadda, Hyd-45

  
Superintending Engineer,  
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Mint Compound, Hyderabad

**FLOW DIAGRAM**  
**TRANSMISSION CORPORATION OF TELANGANA LIMITED**



*A. Vishwanad*  
Chief Engineer (Elec.)  
Metro Zone TS TRANSCO  
GTS Colony, Erragadda, Hyd-45

*gnep*  
Superintending Engineer,  
OMC/Metro-West, TSTRANSCO  
Mint Compound, Hyderabad



**BLOCK WISE DETAILS OF FOREST AREA INVOLVED**

SET	DIVISION	RANGE	BEAT	SECTION	BLOCK	COMP_NO	LENGTH Mts	WIDTH Mts	AREA_HA
1	Medak	Narsapur	Narsapur	Narsapur	Narsapur RF	331	2275.92	35.0	7.966
2	Sangareddy	Sangareddy	Kazipally	Vaylal	Kazipally RF	353	622.17	35.0	2.17800
Total Forest Required in Ha							2898.09		10.1437

*A. V. Lakshmi*

Chief Engineer (Elec.)  
Metro Zone TS TRANSCO  
GTS Colony, Erragadda, Hyd-45


*Mop*

Superintending Engineer,  
OMC/Metro-West, TSTRANSCO  
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### AREA STATEMENT

"Proposed Construction of 220 KV Multi Circuit Line and UG Cable from 400/220 KV SS Narsapur to Proposed 220/132/33 KV Bowrampet SS Rangareddy District in association with evacuation of power from 2 X 800 MW Telangana STTP to be established by NTPC at Ramagundam."

Set	Structure type	Width Mts	Length in Mts	Area Ha	Total area in Ha
1	220 Multi Circuit Line	35.00	2275.92	7.96570	10.1437
2		35.00	622.17	2.17800	
Total Forest Area required in Hectares			2898.09	10.1437	

  
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S Colony, Erragadda, Hyd-45

  
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