


**Undertaking**  
**To pay cost of raising and maintenance of Compensatory Afforestation**


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 "Construction of 132KV DC overhead line from 220/132KV Fabcity Substation to proposed 132/33 KV Kandukur Substation in RangaReddy District".

The details of forest area required are as follows:

SET	DIVISION	BLOCK	LENGTH Mts	Row WIDTH Mts	AREA HA
1	Shamshabad	Srinagar RF	730.24	27	1.9716
Total			730.24		1.9716

  
**Superintending Engineer**  
OMC/Metro-East (4b)  
T.S. TRANSCO, HYD-500 007

  
**Executive Engineer,**  
Construction, Metro-East,  
TSTRANSCO, Hyderabad.


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


**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 "Construction of 132KV DC overhead line from 220/132KV Fabcity Substation to proposed 132/33 KV Kandukur Substation in RangaReddy District".

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### 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 "Construction of 132KV DC overhead line from 220/132KV Fabcity Substation to proposed 132/33 KV Kandukur Substation in RangaReddy District".


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




**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 "Construction of 132KV DC overhead line from 220/132KV Fabricity Substation to proposed 132/33 KV Kandukur Substation in RangaReddy District".


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## AREA MINIMUM CERTIFICATE


Certified that the proposed **1.9716** Ha forest area for diversion is the minimum and essentially required for the purpose of **"Construction of 132KV DC overhead line from 220/132KV Fabcity substation to proposed 132/33 KV Kandukur Substation in RangaReddy District"**.


Also certified that any other forest land has not been taken for this project. We also hereby undertake that not taking of fresh forest land shall be carried out during execution of the Project.

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Total			730.24		1.9716

  
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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 **1.9716** Ha "Construction of 132KV DC overhead line from 220/132KV Fabcity Substation to proposed 132/33 KV Kandukur Substation in RangaReddy District".

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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 1.9716 Ha "Construction of 132KV DC overhead line from 220/132KV Fabcity Substation to proposed 132/33 KV Kandukur Substation in RangaReddy District".

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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 1.9716 Ha "Construction of 132KV DC overhead line from 220/132KV Fabcity Substation to proposed 132/33 KV Kandukur Substation in RangaReddy District".

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### Model and Make Of the ETS & DGPS/DGNSS Instruments

It is certified that the ETS & DGPS/ DGNSS Survey was carried out through an outsourcing agency. Make and Model of the ETS Instruments is TREMBLE R4 DGPS/ DGNSS instruments.

  
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**DETAILS OF SURVEY INSTRUMENTS USED**

S.NO	NAME OF THE AGENCY	INSTRUMENTS USED	PERSONS INVOLVED	PERIOD OF SURVEY
1	CHANDRASHEKARA ENGINEERING CONSULTANTS	TRIMBLE R4	Chandrashekar / Rambabu	Feb-21

  
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### AREA STATEMENT

**"Construction of 132KV DC Overhead line from 220/132KV Fabricity Substation to proposed 132/33 KV Kandukur Substation in RangaReddy District".**

Set	Structure type	Width Mts	Length in Mts	Area Ha	Total area in Ha
1	132 KV Double Circuit	27.00	730.24	1.9716	1.9716
Total Forest Area required in Hectares			730.24	1.9716	


  
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**BLOCK WISE DETAILS OF FOREST AREA INVOLVED**

SET	DIVISION	RANGE	BEAT	SECTION	BLOCK	COMP_NO	LENGTH Mts	WIDTH Mts	AREA_HA
1	SHAMSHABAD	MANKHAL	THUMMALOOR	MANKHAL	SRINAGAR RF	332	730.24	27.0	1.9716
Total Forest Required in Ha							730.24		1.9716

  
Superintending Engineer  
OMC/Metro-East (4th)  
T.S. TRANSCO, HYD-500 007

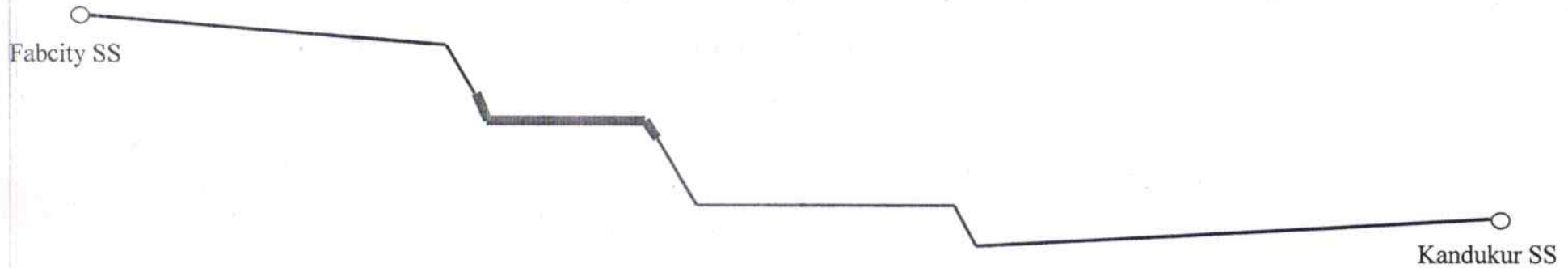
  
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## FLOW DIAGRAM


### TRANSMISSION CORPORATION OF TELANGANA LIMITED



LEGEND	
ITEM	
132 KV DC/SC Line in Forest	

  
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