


**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 **"Proposed Construction of 220 KV DC line from Existing 400/220 KV SS Dichipally to proposed 143 MW Solar energy Power Plant Near Kanakal (V) of M/s ReNew Solar Energy (Telangana) Private Limited in Kamareddy Forest Division Nizamabad District, Telangana State"**

Break up of forest land required:

SET	DIVISION	BLOCK	LENGTH (M)	WIDTH (M)	AREA (HA)
1	KAMAREDDY	CHANDRAIPALLY	2333.7890	35.0	8.168262
2	KAMAREDDY	CHANDRAIPALLY	1920.6540	35.0	6.722289
			4254.443		14.8906

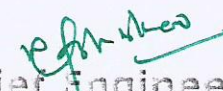
  
Chief Engineer  
TSTRANSCO, Warangal Zone  
Chief Engineer  
WARANGAL ZONE  
TRANSCO, WARANGAL.

**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 Construction of 220 KV DC line from Existing 400/220 KV SS Dichipally to proposed 143 MW Solar energy Power Plant Near Kanakal (V) of M/s ReNew Solar Energy (Telangana) Private Limited in Kamareddy Forest Division Nizamabad District, Telangana State"**

**Break up of forest land required:**

SET	DIVISION	BLOCK	LENGTH (M)	WIDTH (M)	AREA (HA)
1	KAMAREDDY	CHANDRAIPALLY	2333.78900	35.0	8.168262
2	KAMAREDDY	CHANDRAIPALLY	1920.65400	35.0	6.722289
			4254.443		14.8906

  
Chief Engineer  
TSTRANSCO, Warangal Zone

Chief Engineer  
WARANGAL ZONE  
TRANSCO, WARANGAL.



## Undertaking

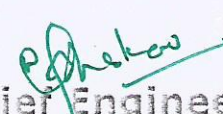
### To Pay Net Present Value

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 Construction of 220 KV DC line from Existing 400/220 KV SS Dichipally to proposed 143 MW Solar energy Power Plant Near Kanakal (V) of M/s ReNew Solar Energy (Telangana) Private Limited in Kamareddy Forest Division Nizamabad District, Telangana State"**

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.

#### **Break up of forest land required:**

SET	DIVISION	BLOCK	LENGTH (M)	WIDTH (M)	AREA (HA)
1	KAMAREDDY	CHANDRAIPALLY	2333.78900	35.0	8.168262
2	KAMAREDDY	CHANDRAIPALLY	1920.65400	35.0	6.722289
			4254.443		14.8906

  
Chief Engineer  
TSTRANSCO, Warangal Zone

Chief Engineer  
WARANGAL ZONE  
TRANSCO, WARANGAL.

**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 Construction of 220 KV DC line from Existing 400/220 KV SS Dichipally to proposed 143 MW Solar energy Power Plant Near Kanakal (V) of M/s ReNew Solar Energy (Telangana) Private Limited in Kamareddy Forest Division Nizamabad District, Telangana State"**

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.

**Break up of forest land required:**

SET	DIVISION	BLOCK	LENGTH (M)	WIDTH (M)	AREA (HA)
1	KAMAREDDY	CHANDRAIPALLY	2333.78900	35.0	8.168262
2	KAMAREDDY	CHANDRAIPALLY	1920.65400	35.0	6.722289
			4254.443		14.8906

*epkshw*  
Chief Engineer  
TSTRANSCO, Warangal Zone

Chief Engineer  
WARANGAL ZONE  
TRANSCO, WARANGAL.




## AREA MINIMUM CERTIFICATE

Certified that the proposed 14.8906 ha forest area for diversion is the minimum and essentially required for the purpose of 220 KV DC line from 143 MW Solar Power Plant near Kanakal (V) the proposed 400/220 KV SS at Dichipally in Nizamabad (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 Land required are as follows:

SET	DIVISION	BLOCK	LENGTH (M)	WIDTH (M)	AREA (HA)
1	KAMAREDDY	CHANDRAIPALLY	2333.78900	35.0	8.168262
2	KAMAREDDY	CHANDRAIPALLY	1920.65400	35.0	6.722289
			4254.443		14.8906

  
**Chief Engineer**  
TSTRANSCO, Warangal Zone

*Chief Engineer*  
WARANGAL ZONE  
TRANSCO, WARANGAL.

## 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 14.8906 ha "Proposed Construction of 220 KV DC line from Existing 400/220 KV SS Dichipally to proposed 143 MW Solar energy Power Plant Near Kanakal (V) of M/s ReNew Solar Energy (Telangana) Private Limited in Kamareddy Forest Division Nizamabad District, Telangana State"

The details of the Forest Lands required are as follows:

SET	DIVISION	BLOCK	LENGTH (M)	WIDTH(M)	AREA(HA)
1	KAMAREDDY	CHANDRAIPALLY	2333.78900	35.0	8.168262
2	KAMAREDDY	CHANDRAIPALLY	1920.65400	35.0	6.722289
			4254.443		14.8906

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Chief Engineer  
TSTRANSCO, Warangal Zone

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TRANSCO, WARANGAL.

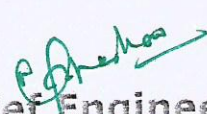


## CERTIFICATE

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 14.8906 HA "Proposed Construction of 220 KV DC line from Existing 400/220 KV SS Dichipally to proposed 143 MW Solar energy Power Plant Near Kanakal (V) of M/s ReNew Solar Energy (Telangana) Private Limited in Kamareddy Forest Division Nizamabad District, Telangana State"

The details of the Forest Land required are as follows:


SET	DIVISION	BLOCK	LENGTH (M)	WIDTH(M)	AREA (HA)
1	KAMAREDDY	CHANDRAIPALLY	2333.78900	35.0	8.168262
2	KAMAREDDY	CHANDRAIPALLY	1920.65400	35.0	6.722289
			4254.443		14.8906

  
Chief Engineer  
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TRANSCO, WARANGAL.

### 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**  
**TSTRANSCO, Warangal Zone**

*Chief Engineer*  
WARANGAL ZONE  
TRANSCO, WARANGAL.



**DETAILS OF SURVEY INSTRUMENTS USED**

S.NO	NAME OF THE AGENCY	INSTRUMENTS USED	PERSONS INVOLVED	PERIOD OF SURVEY
1	TRENDZ GIS	TRIMBLE / R4	Ramu / Murali	Aug-16

*efm*  
**Chief Engineer**  
**TSTRANSCO, Warangal Zone**

*Chief Engineer*  
WARANGAL ZONE  
TRANSCO, WARANGAL.

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

Existing 400/220 KV  
 DICHIPALLY - Sub Station



1

CHANDRAYANPA RF


145 MW Solar Power Plant

2

CHANDRAYANPA RF


Warangal (V)

LEGEND	
ITEM	
220 KV LINE Non Forest	
220 KV LINE Forest	

  
**Chief Engineer**  
**TSTRANSCO, Warangal Zone**  
  
*Chief Engineer*  
**WARANGAL ZONE**  
**TRANSCO, WARANGAL.**



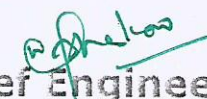
BLOCK WISE DETAILS OF FOREST AREA INVOLVED									
SET	DIVISION	RANGE	BEAT	SECTION	BLOCK	COMP_NO	LENGTH M	WIDTH	AREA_HA
1	KAMAREDDY	INDALWAI	INDALWAI	INDALWAI	CHANDRAYANPA	480	2333.789	35.0	8.1682615
2	KAMAREDDY	INDALWAI	INDALWAI	INDALWAI	CHANDRAYANPA	469	1920.654	35.0	6.722289
							4254.443		14.8906

  
**Chief Engineer**  
 TSTRANSCO, Warangal Zone  
  
**Chief Engineer**  
 WARANGAL ZONE  
 TRANSCO, WARANGAL.

### AREA STATEMENT

Proposed Construction of 220 KV DC line from Existing 400/220 KV SS Dichipally to proposed 143 MW Solar energy Power plant near Kanakal (V) of M/s/ ReNew Solar Energy (Telangana) Private Limited in Nizamabad District, Telangana State.

Set	Structure	Width	Length (m)	Area (Ha)	Total area Ha
1	220 KV DC Line	35.00	2333.789	8.1683	14.8906
2	220 KV DC Line	35.00	1920.654	6.7223	
Total Area required			4254.443	14.8906	

  
Chief Engineer  
TSTRANSCO, Warangal Zone

Chief Engineer  
WARANGAL ZONE  
TRANSCO, WARANGAL