

Brief note on the project

At present the, the existing 220/132 KV Siddipet Sub-Station(SS) is having only source from Durshed 220 KV SS. The 220 KV line was proposed from 400/220/132 KV SS Gajwel to 220/132 KV SS Siddipet as an alternative source.

Due to proposed Mallanna Sagar reservoir, there is no other route to avoid forest crossing.

Duly considering the above facts, the 220KV line from existing 400/220/132KV SS Gajwel to 220/132 KV SS Siddipet is proposed such that the forest crossing span length is 1280.69 meters only and there is no other route to avoid forest crossing. Hence, forest area is essentially required.

The details of forest area required are as follows:

SET NO	DIVISION	BLOCK_NAME	LENGTH in 'M'	WIDTH 'M'	AREA in Ha
1	Siddipet	Kondapaka	1280.69	35	4.4824

"COUNTERSIGNED"


Executive Engineer
Construction/ Sangareddy


Superintendent Engineer
OMC Circle/Sangareddy



Chief Engineer
Rural Zone, Hyderabad

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 " **Diversion of 4.4824 Ha of the Forest Land under F(C) Act 1980 for the purpose of Erection of 220 KV DC line from 400/220/132 KV SS Gajwel to 220/132 KV SS Siddipet in Siddipet District.**"

Break up of forest land required:

SET NO	DIVISION	BLOCK_NAME	LENGTH in 'M'	WIDTH 'M'	AREA in Ha
1	Siddipet	Kondapaka	1280.69	35	4.4824


Executive Engineer
Construction/Sangareddy


Superintendent Engineer
OMC Circle/Sangareddy


Chief Engineer
Rural Zone, 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 " **Diversion of 4.4824 Ha of the Forest Land under F(C) Act 1980 for the purpose of Erection of 220 KV DC line from 400/220/132 KV SS Gajwel to 220/132 KV SS Siddipet in Siddipet District.**"

Break up of forest land required:

SET NO	DIVISION	BLOCK_NAME	LENGTH in 'M'	WIDTH 'M'	AREA in Ha
1	Siddipet	Kondapaka	1280.69	35	4.4824



**Executive Engineer
Construction/Sangareddy**



**Superintendent Engineer
OMC Circle/Sangareddy**



**Chief Engineer
Rural Zone, Hyderabad**

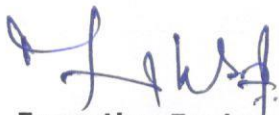
To Pay Net Present Value

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 "**Diversion of 4.4824 Ha of the Forest Land under F(C) Act 1980 for the purpose of Erection of 220 KV DC line from 400/220/132 KV SS Gajwel to 220/132 KV SS Siddipet in Siddipet 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.

Break up of forest land required:

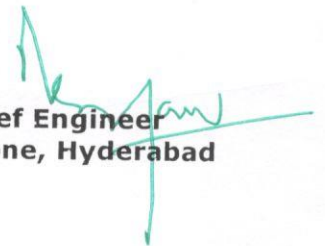
SET NO	DIVISION	BLOCK_NAME	LENGTH in 'M'	WIDTH 'M'	AREA in Ha
1	Siddipet	Kondapaka	1280.69	35	4.4824



Executive Engineer
Construction/Sangareddy



Superintendent Engineer
OMC Circle/Sangareddy



Chief Engineer
Rural Zone, Hyderabad

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 **"Diversion of 4.4824 Ha of the Forest Land under F(C) Act 1980 for the purpose of Erection of 220 KV DC line from 400/220/132 KV SS Gajwel to 220/132 KV SS Siddipet in Siddipet District."**

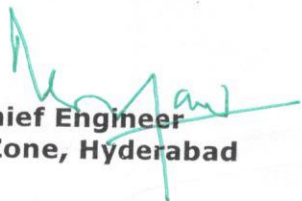
We also hereby undertake to pay differential NPV amount, if any, due to escalation or revision of NPV, as and when demanded by the Forest Department.

Break up of forest land required:

SET NO	DIVISION	BLOCK_NAME	LENGTH in 'M'	WIDTH 'M'	AREA in Ha
1	Siddipet	Kondapaka	1280.69	35	4.4824


Executive Engineer
Construction/Sangareddy


Superintendent Engineer
OMC Circle/Sangareddy


Chief Engineer
Rural Zone, Hyderabad

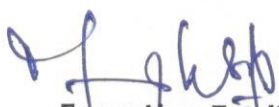
AREA MINIMUM CERTIFICATE

Certified that the proposed forest area for diversion is the minimum and essentially required for the " **Diversion of 4.4824 Ha of the Forest Land under F(C) Act 1980 for the purpose of Erection of 220 KV DC line from 400/220/132 KV SS Gajwel to 220/132 KV SS Siddipet in Siddipet District.**"

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.

Break up of forest land required:

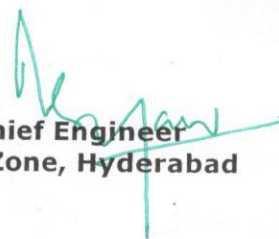
SET NO	DIVISION	BLOCK_NAME	LENGTH in 'M'	WIDTH 'M'	AREA in Ha
1	Siddipet	Kondapaka	1280.69	35	4.4824



**Executive Engineer
Construction/Sangareddy**



**Superintendent Engineer
OMC Circle/Sangareddy**



**Chief Engineer
Rural Zone, Hyderabad**

NON VIOLATION CERTIFICATE

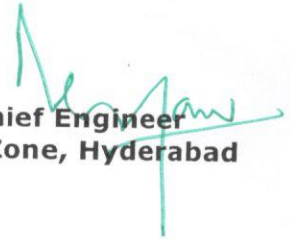
Certified that no work has been carried out in violation of F©Act,1980 and W(P)Act,1972 in the proposed forest area for " **Diversion of 4.4824 Ha of the Forest Land under F(C) Act 1980 for the purpose of Erection of 220 KV DC line from 400/220/132 KV SS Gajwel to 220/132 KV SS Siddipet in Siddipet District.**"



**Executive Engineer
Construction/Sangareddy**



**Superintendent Engineer
OMC Circle/Sangareddy**



**Chief Engineer
Rural Zone, Hyderabad**

CERTIFICATE

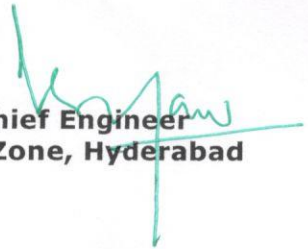
It is certified that, all the possibilities to avoid forest land for the project have been explored and it is found that no alternative suitable non-forest land is technically feasible and viable to that part of the work for which diversion has been proposed for "**Diversion of 4.4824 Ha of the Forest Land under F(C) Act 1980 for the purpose of Erection of 220 KV DC line from 400/220/132 KV SS Gajwel to 220/132 KV SS Siddipet in Siddipet District.**"



**Executive Engineer
Construction/Sangareddy**



**Superintendent Engineer
OMC Circle/Sangareddy**



**Chief Engineer
Rural Zone, Hyderabad**

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 4.4824 Ha of the Forest Land under F(C) Act 1980 for the purpose of Erection of 220 KV DC line from 400/220/132 KV SS Gajwel to 220/132 KV SS Siddipet in Siddipet District.**"

Break up of forest land required:

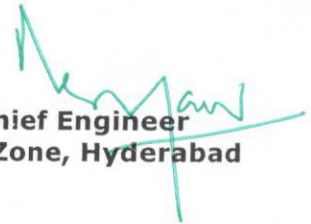
SET NO	DIVISION	BLOCK_NAME	LENGTH in 'M'	WIDTH 'M'	AREA in Ha
1	Siddipet	Kondapaka	1280.69	35	4.4824



**Executive Engineer
Construction/Sangareddy**



**Superintendent Engineer
OMC Circle/Sangareddy**



**Chief Engineer
Rural Zone, Hyderabad**

Model and Make Of the ETS & DGPS/GNSS Instruments

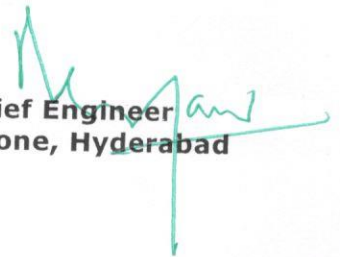
It is certified that the **ETS & DGPS/ GNSS** Survey was carried out through an outsourcing agency. Make and Model of the ETS Instruments are **TRIMBLE R4 DGPS/GNSS** instruments.



**Executive Engineer
Construction/Sangareddy**

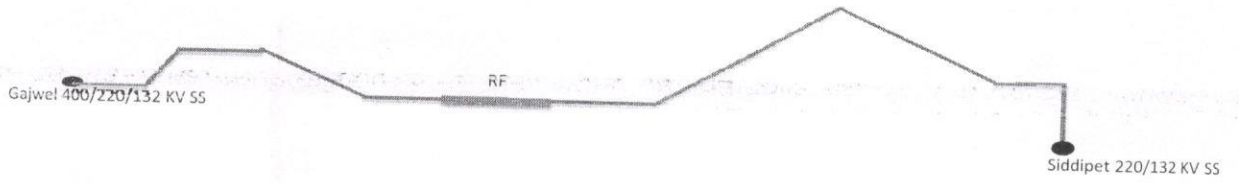


**Superintendent Engineer
OMC Circle/Sangareddy**






**Chief Engineer
Rural Zone, Hyderabad**

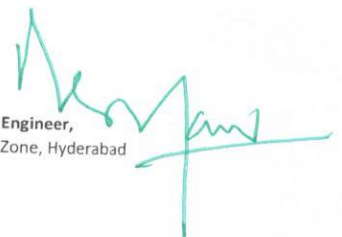
FLOW DIAGRAM TS TRANSCO, SANGAREDDY




Executive Engineer
Construction/Sangareddy


Superintending Engineer, OMC
Circle/Sangareddy

LEGEND	
ITEM	
220 KV LINE Non Forest	
220 KV LINE in Forest	


Chief Engineer,
Rural Zone, Hyderabad