<u>UNDERTAKING</u> 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, SMS 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 **205.4811 Ha** of Forest Land in Achampet Forest Division for the purpose of Construction of Lift-I Under Ground Pumping station Tunnel (Package-1). Formation of Anjanagiri Reservoir (Package-2) at Narlapur (V) and Construction of Tunnel in between Anjanagiri Reservoir and Veeranjaneya Reservoir (Package-4) of Palamuru Rangareddy Lift Irrigation Scheme.

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

Forest	Forest	R.F.	Package	Area involved
Division	Range		No.	in Ha
Achampet	Kollanur	Kollapur Kollapur	I	3.0500
	Kollapul		II	201.942
	Lingal	Puspula	IV	0.4891
	Total:			205.4811

Executive Engineer, PRLIS Division No - 1, Kollapur. Superintending Engineer, PRLIS Circle No – 1, Nagarkurnool.

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 diversion of **205.4811 Ha** of Forest Land in Achampet Forest Division for the purpose of Construction of Lift-I Under Ground Pumping station Tunnel (Package-1). Formation of Anjanagiri Reservoir (Package-2) at Narlapur (V) and Construction of Tunnel in between Anjanagiri Reservoir and Veeranjaneya Reservoir (Package-4) of Palamuru Rangareddy Lift Irrigation Scheme.

<u>Division-wise and Package-wise Break up of forest land required:</u>

Forest	Forest	R.F.	Package	Area involved
Division	Range	K.F.	No.	in Ha
	Kollapur	pur Kollapur	I	3.0500
Achampet	Konapui		II	201.942
	Lingal	Puspula	IV	0.4891
_	Total:			205.4811

Executive Engineer, PRLIS Division No - 1, Kollapur. Superintending Engineer, PRLIS Circle No - 1, Nagarkurnool.

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 205.4811 Ha of Forest Land in Achampet Forest Division for the purpose of Construction of Lift-I Under Ground Pumping station Tunnel (Package-1). Formation of Anjanagiri Reservoir (Package-2) at Narlapur (V) and Construction of Tunnel in between Anjanagiri Reservoir and Veeranjaneya Reservoir (Package-4) of Palamuru Rangareddy Lift Irrigation Scheme. 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:

Forest Division	Forest Range	R.F.	Package No.	Area involved in Ha
Achampet	Mallanus Mallanus	Vollanur	I	3.0500
	Kollapur	Kollapur	II	201.942
	Lingal	Puspula	IV	0.4891
	Total:			205.4811

Executive Engineer, PRLIS Division No - 1, Kollapur.

Superintending Engineer, PRLIS Circle No – 1, Nagarkurnool.

<u>Undertaking</u> 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 205.4811 Ha of Forest Land in Achampet Forest Division for the purpose of Construction of Lift-I Under Ground Pumping station Tunnel (Package-1). Formation of Anjanagiri Reservoir (Package-2) at Narlapur (V) and Construction of Tunnel in between Anjanagiri Reservoir and Veeranjaneya Reservoir (Package-4) of Palamuru Rangareddy Lift Irrigation Scheme. 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.

<u>Division-wise and Package-wise Break up of forest land required:</u>

Forest Division	Forest Range	R.F.	Package No.	Area involved in Ha
Achampet	Mallanus Mallanus	Vollanur	I	3.0500
	Kollapur	Kollapur	II	201.942
	Lingal	Puspula	IV	0.4891
	Total:			205.4811

Executive Engineer, PRLIS Division No - 1,

Kollapur.

Superintending Engineer, PRLIS Circle No - 1, Nagarkurnool.

AREA MINIMUM CERTIFICATE

Certified that the proposed **205.4811 Ha** of forest area for diversion is minimum and essentially required for the purpose of Construction of Lift-I Under Ground Pumping station Tunnel (Package-1). Formation of Anjanagiri Reservoir (Package-2) at Narlapur (V) and Construction of Tunnel in between Anjanagiri Reservoir and Veeranjaneya Reservoir (Package-4) of Palamuru Rangareddy Lift Irrigation Scheme. 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.

Forest Division	Forest Range	R.F.	Package No.	Area involved in Ha
Achampet	Vollanur	Kollapur Kollapur	I	3.0500
	Kollapur		II	201.942
	Lingal	Puspula	IV	0.4891
	Tot	al:		205.4811

Executive Engineer,
PRLIS Division No - 1,
Kollapur

Superintending Engineer, PRLIS Circle No – 1, Nagarkurnool.

NON-VIOLATION CERTIFICATE

Certified that no work has been carried out in violation of FC Act,1980 and W(P) Act,1972 in the proposed forest area for diversion for the purpose of Construction of Lift-I Under Ground Pumping station Tunnel (Package-1). Formation of Anjanagiri Reservoir (Package-2) at Narlapur (V) and Construction of Tunnel in between Anjanagiri Reservoir and Veeranjaneya Reservoir (Package-4) of Palamuru Rangareddy Lift Irrigation Scheme.

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

Forest Division	Forest Range	R.F.	Package No.	Area involved in Ha
		Kollapur	I	3.0500
Achampet	Kollapur		II	201.942
•	Lingal	Puspula	IV	0.4891
	Tot	:al :		205.4811

Executive Engineer,
PRLIS Division No – 1,
Kollapur.

Superintending Engineer, PRLIS Circle No - 1, Nagarkurnool.

JUSTIFICATION CERTIFICATE

It is certified that, all the possibilities to avoid forest land for the project have been explored and it is found no alternative suitable non-forestland it technically feasible and viable to that part of the work for which diversion has been proposed for the purpose of Construction of Lift-I Under Ground Pumping station Tunnel (Package-1). Formation of Anjanagiri Reservoir (Package-2) at Narlapur (V) and Construction of Tunnel in between Anjanagiri Reservoir and Veeranjaneya Reservoir (Package-4) of Palamuru Rangareddy Lift Irrigation Scheme.

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

Forest	Forest	R.F.	Package	Area involved
Division	Range		No.	in Ha
	Kallanin Kalla	Kollanur	I	3.0500
Achampet	Kollapur	Kollapur	II	201.942
	Lingal	Puspula	IV	0.4891
	Total:			205.4811

Executive Engineer,
PRLIS Division No – 1,
Kollapur.

Superintending Engineer, PRLIS Circle No - 1, Nagarkurnool.

Undertaking to provide non-forest CA land

We hereby give an un-conditional and irreversible undertaking to provide non-forest Compensatory Afforestation lands equivalent to forest aldn proposed for diversion for the purpose of Construction of Lift-I Under Ground Pumping station Tunnel (Package-1). Formation of Anjanagiri Reservoir (Package-2) at Narlapur (V) and Construction of Tunnel in between Anjanagiri Reservoir and Veeranjaneya Reservoir (Package-4) of Palamuru Rangareddy Lift Irrigation Scheme. We also hereby give an un-conditional and irreversible undertaking to provide additional non-forest Compensatory Afforestation lands, if any, due to deviations in surveys and demarcation found at later date as per the demand raised by the Forest authorities.

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

Forest Division	Forest Range	R.F.	Package No.	Area involved in Ha
Achampet	17 11	Kallanus	I	3.0500
	Kollapur	Kollapur	II	201.942
	Lingal	Puspula	IV	0.4891
	Total:			205.4811

Executive Engineer, PRLIS Division No - 1,

Kollapur.

Superintending Engineer, PRLIS Circle No - 1, Nagarkurnool.

PRLIS, Hyderabad.

UNDERTAKING

The user agency is hereby undertake that no labour camp shall be established on the forest land during the construction of Construction of Lift-I Under Ground Pumping station Tunnel (Package-1), Formation of Anjanagiri Reservoir (Package-2) at Narlapur (V) and Construction of Tunnel in between Anjanagiri Reservoir and Veeranjaneya Reservoir (Package-4) of Palamuru Rangareddy Lift Irrigation Scheme.

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

Forest Division	Forest Range	R.F.	Package No.	Area involved in Ha
		Kollapur	I	3.0500
Achampet	Kollapur		II	201.942
	Lingal	Puspula	IV	0.4891
	Total:			205.4811

Executive Engineer, PRLIS Division No - 1, Kollapur Superintending Engineer, PRLIS Circle No – 1, Nagarkurnool.

Model and Make of the ETS & DGPS / GNSS Instruments

It is certified that the ETS & DGPS / GNSS Survey was carried out through and outsourcing agency. Make and Model of the ETS instruments are Topcon and Leica. The make and model of the DGPS / GNSS instruments are Trimble, Topcon and South Precision. Period of Survey was 29 3 2017 to 3 2017.....

The Team Leaders were Shashank and Santhosh. The ETS & DGPS/GNSS data was verified and authenticated by the Forest Department.

Executive Engineer,
PRLIS Division No - 1,
Kollapur.

Superintending Engineer, PRLIS Circle No - 1, Nagarkurnool.