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Undertaking

To provide non-forest CA land

Not applicable due to below reasons.

The DFO issued instructions RO. NO.9498/73/S. Dated 14.12.1976 granting permission to lay pipeline, which is enclosed as Annexure. The pipeline was laid in the year 1978-79.

The purpose of " proposed diversion of **4.2768 ha** of Forest Land in Manuguru division for laying of RAW water pipeline **adjacent to existing water pipeline from** Intake Well cum pump house at Iruvendi village from the river bed of Godavari to the ITC Ltd., PSPD Unit: Bhadrachalam, Sarapaka in Bhadradi Kothagudem District in favour of M/s. ITC Ltd., PSPD Unit: Bhadrachalam".

Due to passage of time and regular wear and tear, the pipeline was worn out and there are many leakages all along the pipeline. In this context ITC has engaged M/s. Tata Consulting Engineers (TCE) Mumbai to assess the stability and strength of existing pipeline. M/s. TCE has recommended for replacement of pipeline with a new line beside the existing pipeline.

The extents of alignment passing through notified forests are as follows:

Component Name	Division	RF Name	Area_Ha
Pipeline	Manuguru	Kistasagar RF	4.2768




B MAKARAND
Vice President & Unit Head

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 diversion of **4.2768 ha** of Forest Land in Manuguru division for laying of RAW water pipeline adjacent to existing water pipeline from Intake Well cum pump house at Iruvendi village from the river bed of Godavari to the ITC Ltd., PSPD Unit: Bhadrachalam, Sarapaka in Bhadradi Kothagudem District in favour of M/s. ITC Ltd., PSPD Unit: Bhadrachalam".

The extents of alignment passing through notified forests are as follows:

Component Name	Division	RF Name	Area_Ha
Pipeline	Manuguru	Kistasagar RF	4.2768



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B MAKARAND
Vice President & Unit Head

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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 diversion of **4.2768 ha** of Forest Land in Manuguru division for laying of RAW water pipeline adjacent to existing water pipeline from Intake Well cum pump house at Iruvendi village from the river bed of Godavari to the ITC Ltd., PSPD Unit: Bhadrachalam, Sarapaka in Bhadrachari Kothagudem District in favour of M/s. ITC Ltd., PSPD Unit: Bhadrachalam".

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.

The extents of alignment passing through notified forests are as follows:

Component Name	Division	RF Name	Area_Ha
Pipeline	Manuguru	Kistasagar RF	4.2768



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B MAKARAND
Vice President & Unit Head

Undertaking

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 diversion of **4.2768 ha** of Forest Land in Manuguru division for laying of RAW water pipeline adjacent to existing water pipeline from Intake Well cum pump house at Iruvendi village from the river bed of Godavari to the ITC Ltd., PSPD Unit: Bhadrachalam, Sarapaka in Bhadradi Kothagudem District in favour of M/s. ITC Ltd., PSPD Unit: Bhadrachalam".

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.

The extents of alignment passing through notified forests are as follows:

Component Name	Division	RF Name	Area_Ha
Pipeline	Manuguru	Kistasagar RF	4.2768




B MAKARAND
 Vice President & Unit Head

AREA MINIMUM CERTIFICATE

Certified that the " proposed diversion of **4.2768 ha** of Forest Land in Manuguru division for laying of RAW water pipeline adjacent to existing water pipeline from Intake Well cum pump house at Iruvendi village from the river bed of Godavari to the ITC Ltd., PSD Unit: Bhadrachalam, Sarapaka in Bhadradri Kothagudem District in favour of M/s. ITC Ltd., PSD Unit: Bhadrachalam".

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 extents of alignment passing through notified forests are as follows:

Component Name	Division	RF Name	Area_Ha
Pipeline	Manuguru	Kistasagar RF	4.2768



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B MAKARAND
Vice President & Unit Head

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 for the " proposed diversion of **4.2768 ha** of Forest Land in Manuguru division for laying of RAW water pipeline adjacent to existing water pipeline from Intake Well cum pump house at Iruvendi village from the river bed of Godavari to the ITC Ltd., PSPD Unit: Bhadrachalam, Sarapaka in Bhadradi Kothagudem District in favour of M/s. ITC LTD".

The extents of alignment passing through notified forests are as follows:

Component Name	Division	RF Name	Area_Ha
Pipeline	Manuguru	Kistasagar RF	4.2768



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B MAKARAND
 Vice President & Unit Head

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 the purpose of " proposed diversion of **4.2768 ha** of Forest Land in Manuguru division for laying of RAW water pipeline adjacent to existing water pipeline from Intake Well cum pump house at Iruvendi village from the river bed of Godavari to the ITC Ltd., PSPD Unit: Bhadrachalam, Sarapaka in Bhadradi Kothagudem District in favour of M/s. ITC Ltd., PSPD Unit: Bhadrachalam".

The extents of alignment passing through notified forests are as follows:

Component Name	Division	RF Name	Area_Ha
Pipeline	Manuguru	Kistasagar RF	4.2768



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B MAKARAND
 Vice President & Unit Head

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 land proposed for diversion for the purpose " proposed diversion of **4.2768 ha** of Forest Land in Manuguru division for laying of RAW water pipeline adjacent to existing water pipeline from Intake Well cum pump house at Iruvendi village from the river bed of Godavari to the ITC Ltd., PSPD Unit: Bhadrachalam, Sarapaka in Bhadrachali Kothagudem District in favour of M/s. ITC Ltd., PSPD Unit: Bhadrachalam".

The extents of alignment passing through notified forests are as follows:

Component Name	Division	RF Name	Area_Ha
Pipeline	Manuguru	Kistasagar RF	4.2768




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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 " proposed diversion of **4.2768 ha** of Forest Land in Manuguru division for laying of RAW water pipeline adjacent to existing water pipeline from Intake Well cum pump house at Iruvendi village from the river bed of Godavari to the ITC Ltd., PSPD Unit: Bhadrachalam, Sarapaka in Bhadradri Kothagudem District in favour of M/s. ITC Ltd., PSPD Unit: Bhadrachalam".

The extents of alignment passing through notified forests are as follows:

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Pipeline	Manuguru	Kistasagar RF	4.2768




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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 and Leica. The make and model of the DGPS/ GNSS instruments are Trimble, Topcon and South Precision. The ETS & DGPS/ GNSS data was verified and authenticated by the Forest Department.




B MAKARAND
Vice President & Unit Head