


Undertaking 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, SMC works etc.,) over non-forest land to be 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 **281.9302** of Forest Land in Nagarjuna Sagar WL, Achampet Forest Divisions for the purpose of AMRSLBC Project- Construction of Dindi balancing Reservoir of AMRSLBC Tunnel Scheme across Dindi river near Mothia thanda, Teldevarapally (V), Chandampet (M), Nalgonda District.

Division-wise Break up of forest land required:

S.No	Name of the District	Name of the forest Division	Name of the Reserve Forest	Extent of Area (in Ha)	Extent of area falling in Core Area of ATR (in Ha)		Extent of area falling in Buffer Area of ATR (in Ha)		Extent of area falling in ESZ of ATR (in Ha)	
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1	Nalgonda	Nagarjuna Sagar WL	Nidgul	251.9498	193.8587	6.3475	0	0	48.0835	3.6601
2	Nagar Kurnool	Achampet	Ghanpur	29.9804	0	0	17.4152	5.628	6.2606	0.6767
TOTAL :				281.9302	200.2062		23.0432		58.6808	

As per the DGPS authentication report issued by the PCCFs office, out of 281.9302 Ha, **200.2062 Ha** is falling in Core Area of Amarabad Tiger Reserve and **23.0432 Ha** is falling in Buffer Area of Amarabad Tiger Reserve & **58.6808 Ha** is falling in Eco-sensitive zone of ATR.


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Superintending Engineer, I&CAD
AMR SLBC Project Circle
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Chief Engineer
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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 in respect of "proposed diversion of **281.9302 Ha** of Forest Land in Nagarjuna Sagar WL, Achampet Forest Divisions for the purpose of AMRSLBC Project- Construction of Dindi balancing Reservoir of AMRSLBC Tunnel Scheme across Dindi river near Mothia thanda, Teldevarapally (V), Chandampet (M), Nalgonda District.

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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 **281.9302 Ha** of Forest Land in Nagarjuna Sagar WL, Achampet Forest Divisions for the purpose of AMRSLBC Project- Construction of Dindi balancing Reservoir of AMRSLBC Tunnel Scheme across Dindi river near Mothia thanda, Teldevarapally (V), Chandampet (M), Nalgonda 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.

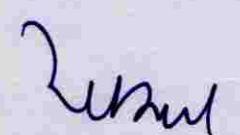
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Undertaking To pay Addl. Cost of Net Present value (NPV)

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Area Minimum Certificate


Certified that the proposed **281.9302 Ha** forest area for diversion is the minimum and essentially required for the purpose of proposed diversion of **281.9302** of Forest Land in Nagarjuna Sagar WL, Achampet Forest Divisions for the purpose of AMRSLBC Project-Construction of Dindi balancing Reservoir of AMRSLBC Tunnel Scheme across Dindi river near Mothia thanda, Teldevarapally (V), Chandampet (M), Nalgonda 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.

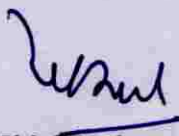
The details of the Forest Lands required are as follows:

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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 for the purpose AMRSLBC Project- Construction of Dindi balancing Reservoir of AMRSLBC Tunnel Scheme across Dindi river near Mothia thanda, Teldevarapally (V), Chandampet (M), Nalgonda District.


Division-wise Break up of forest land required:

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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-forestland is technically feasible and viable to that part of the work for which diversion has been proposed for the purpose of AMRSLBC Project- Construction of Dindi balancing Reservoir of AMRSLBC Tunnel Scheme across Dindi river near Mothia thanda, Teldevarapally (V), Chandampet (M), Nalgonda District.

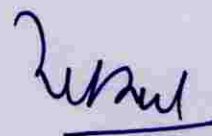
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Undertaking to provide non-forest CA land


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 of AMRSLBC Project- Construction of Dindi balancing Reservoir of AMRSLBC Tunnel Scheme across Dindi river near Mothia thanda, Teldevarapally (V), Chandampet (M), Nalgonda District. 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:

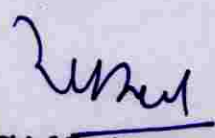
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Land was identified by concern authorities and ETS & DGPS/ GNSS survey was to be carried out by user agency and the data to be authenticated by forest department. Survey work is under process.


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Undertaking to non Establishment of Labour camps in Forest Land


The user agency is hereby undertake that no labour camp shall be established on the forest lands during the construction of the work for AMRSLBC Project- Construction of Dindi balancing Reservoir of AMRSLBC Tunnel Scheme across Dindi river near Mothia thanda, Teldevarapally (V), Chandampet (M), Nalgonda District.

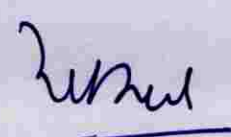
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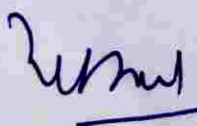

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Model and Make of the ETS & DGPS/ GNSS Instruments

It is certified that the ETS & DGPS/ GNSS Survey was carried out through an outsourcing agency. Make and Model of the ETS Instruments are COMNAV T-300. The make and model of the DGPS/ GNSS instruments are COMNAV T-300. Period of Survey was APR,2017 to May,2017. The Team Leaders were Sambasiva rao and Gangadhar. The ETS & DGPS/ GNSS data was verified and authenticated by the Forest Department.


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The salient features of the Dindi Balancing Reservoir

- | | | |
|----------------------------------|---|---|
| (a) Latitude | : | 16°-30'-58" |
| Longitude | : | 78°-55'-59" |
| (b) Catchment Area | : | Total 4686.45 sq.km.
Free 640 sq.km. |
| (c) Maximum Flood Discharge | : | 8580 cumecs or 3.03 Lakh cusecs |
| (d) Storage Capacity | : | 7.64 T.M.C |
| 1 Gross capacity at FRL+245 | : | 216.34 Million cum (7.64 TMC) |
| 2 Live storage at FRL | : | 126.58 Million cum (4.47 TMC) |
| 3 Dead storage at sill+234.05 | : | 89.76 Million cum (3.17 TMC) |
| 4 Gross storage at MDDL + 241.20 | : | 165.65 Million cum (5.85 TMC) |
| (e) F.R.L. | : | + 245.00 M |
| (f) M.W.L. | : | + 245.60 M |
| (g) T.B.L. | : | +250.70M |
| (h) Minimum Draw down level | : | +241.20M |
| (i) Water spread area at F.R.L. | : | 14.43 sq.km. |
| (j) Length of dam | | |
| 1 Earth Dam | : | 2.75KM |
| 2 Spillway | : | 0.258KM |
| 3 Non over flow dam | : | 0.271 KM |
| 4 Total length dam | : | 3.30 KM |
| (k) Spillway | | |
| 1 Design Discharge for spill way | : | 8580 Cumecs |
| 2 Crest level | : | +237.00M |
| 3 Max. T.W.L. | : | +213.4M |
| 4 Nos & Size of vents | : | 17 Nos & Size:12.0M X 8.0M |


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