

TALONG LONDA HYDRO ELECTRIC PROJECT (225 MW)

FORM – “A”

Form for seeking prior approval under Section – 2 of the proposals

By the State Government and other Authorities

PART – I

(To be filled up by User Agency)

S. N.	Description	Remarks
1.	Project Details	
(i)	Short term narrative of the proposal and project / scheme for which the Forest land is required	As per Annexure - 4
(ii)	Map showing the required Forest land boundary of adjoining Forest on a 1:50,000 scale map.	As per Annexure - 5
(iii)	Cost of the Project	Rs. 2172.90 Crs. (as per approved DPR of Project by GoAP and CEA)
(iv)	Justification for locating the Project in the Forest area	This Hydro Electric Project has been envisaged to harness the hydro potential of river Kameng which is flowing through Forest. The area of submergence has been kept so as to minimize the effect on the populated areas and to maximize the gains of hydro power. The submergence area lies in Unclassified State Forest of Bemnag and Seppa Divisions of East Kameng district of Arunachal Pradesh.
(v)	Cost-Benefit analysis (to be enclosed)	Enclosed as Annexure - 9
(vi)	Employment likely to be generated	Employment for 1500 persons of different categories during construction stage of the project
2.	Purpose-wise break-up of the total Land required	As per Annexure – 16
3.	Details of displacement of people due to the project, if any.	Under Revision
(i)	Number of Families	
(ii)	Number of Schedule Castes / Scheduled Tribe Families	
(iii)	Rehabilitation plan (to be enclosed)	
4.	Whether clearance under Environment (Protection) Act, 1986 required? (Yes/No)	Yes
5.	Undertaking to bear the cost of raising and maintenance of Compensatory Afforestation and / or Penal Compensatory Afforestation as well as cost for protection and regeneration of Safety Zone etc. as per the scheme prepared by	Undertaking enclosed as Annexure - 20 (n)

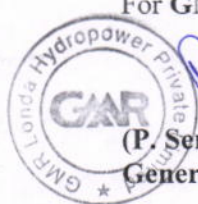


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	the State Government (undertaking to be enclosed)	
6.	Details of certificates / documents enclosed as required under the instruction	Enclosed as Annexure - 21

Dated:10-Nov-2014.

Place:Seppa (A.P.)



For GMR Londa Hydropower Pvt. Ltd.

(P. Senthurpandian)
General Manager

Address:

GMR Londa Hydropower Pvt. Ltd.
New Uddan Bhawan Complex,
Building No. 302, Near Terminal-3
IGI Airport
New Delhi – 110037
Tel Ph. No.

Site Office Address:

Kameng Gas Agency, 2nd Floor, Seppa
East Kameng district, Arunachal Pradesh

State Serial No. of Proposal: 371, DT. 20-03-2015

(To be filled by the Nodal Office with the date of receipt)

TALONG LONDA HYDRO ELECTRIC PROJECT (225 MW)

FORM – “A”

Form for seeking prior approval under Section – 2 of the proposals

By the State Government and other Authorities

PART – II

(To be filled by the concerned Deputy Conservator of Forests)

S. N.	Description	Remarks
I.	Location of the Project / Scheme	Talong Londa Hydro Electric Project (225 MW)
(i)	State / Union Territory	Arunachal Pradesh
(ii)	District	East Kameng
(iii)	Forest Division	Seppa
(iv)	Area of Forest land proposal for diversion (in Ha.)	280.54 Ha.
(v)	Legal Status of Forest Forest Type	Un-classed State Forest (USF) Tropical wet Evergreen Forest
(vi)	Density of Vegetation	0.7, Eco Class-VI
(vii)	Species-wise (Scientific Names) and diameter class-wise enumeration of trees (to be enclosed). In case of Irrigation / Hydel projects, enumeration at FRL, FRL-2 meters and FRL-4 meters are to be enclosed.	Enclosed
(viii)	Brief note on vulnerability of Forest area to erosion	<ul style="list-style-type: none">Reservoir rim area prone for erosion. However, comprehensive rim treatment plan propose to be implemented to avoid erosion in forest area.Potential landslide zone shall be identified and to be treated as part of Catchment Area Treatment Plan.User agency may take up the necessary steps to mitigate soil erosion
(ix)	Approximate distance of proposed Site for diversion from boundary of Forest	It is 63 Km from pakke wild life sanctuary and Village Reserve Forest are Lower Kapak Modi and No one nearest reserve forest area.
(x)	Whether forms of National Park, Wildlife Sanctuary, Biosphere Reserve, Tiger Reserve, Elephant corridor etc. (if so, details of the area and comments of the Chief Wildlife Warden to be annexed)	No
(xi)	Whether any rare / endangered / unique species of flora and fauna found in the area, if so,	No

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	details thereof	
(xii)	Whether any protected archeological / heritage site / defence establishment or any other important monument is located in the area. If so, the details thereof with NOC from competent authority, if required.	Not required
2.	Whether the requirement of the Forest land as proposed by the User Agency in the col. 2 of Part-1 is unavoidable and barest minimum for the project. If no, recommended area item wise with details of alternatives examined	Yes, it is unavoidable and barest minimum for the project and the present location is more technically viable, requiring less forest land than the alternative site are considered.
3.	Whether any work in violation of the Act has been carried out (Yes / No). if yes, details of the same including period of work done, action taken on erring Officials. Whether work in violations is still in progress.	No
4.	Details of Compensatory Afforestation Scheme	
(i)	Details of Non-Forest area / degraded Forest area identified for Compensatory Afforestation, its distance from adjoining Forest, numbers of patches, size of each patch	Compensatory Afforestation Plan in Four patches. Locations are Pakiapu under shoshi Bagang Village (250 Ha), N.K Doka under Doka Village (102.08 Ha.), Mebua camp (107 Ha) and Rongbuk Mebua (102 Ha) Under Seppa circle .
(ii)	Map showing Non-Forest / degraded Forest area identified for Compensatory Afforestation and adjoining Forest boundaries	Map enclosed
(iii)	Detailed Compensatory Afforestation Scheme including species to be planted, implementing agency, time schedule, cost structure etc.	Enclosed
(iv)	Total Financial outlay for Compensatory Afforestation Scheme	Rs. 126,719,500/-
(v)	Certificate from competent authority regarding suitability of area identified for Compensatory Afforestation and from management point of view (to be signed by the concerned Deputy Conservator of Forests (DCF)).	Certificate Enclosed
5.	Site Inspection Report of the DCF (to be enclosed) especially highlighting the facts asked in col. 1 (xi, xii), 2 & 3 above	Site inspection report Enclosed
6.	Division / District Profile	
(i)	Geographical area of the district	4134 Sqkm
(ii)	Forest area of the district	2787 Sqkm
(iii)	Total Forest area diverted since 1980 with number of cases	
(iv)	Total Compensatory afforestation stipulated in the district / division since 1980 onwards	138.7 Ha at Kamrong VRF, under Seppa Forest Range.
a.	Forest Land including penal compensatory afforestation	N/A
b.	Non-Forest Land	Nil
(v)	Progress of Compensatory Afforestation as on date	

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	a. Forest Land	No
	b. Non-Forest Land	92 Ha C.A. Plantation created and 46.7 Ha Advance nursery work done at Kamrong VRF, under Seppa forest Range.
7.	Specific recommendation of the DCF for acceptance or otherwise of the proposal with reasons	In the context of Arunachal Pradesh, power sector is the most vital infrastructure input for socio- economic development and has assumed center stage because of huge hydropower potential Considering importance of development of border areas, which are tied in a vicious cycle of poverty, unemployment, under-development and remoteness, it is felt that Establishment of Hydro Power Plants would be necessary and important. In view of the above, this proposal has been recommended for favorable consideration.

Dated:

Signature

Name in Block Letters:

Place:

Official Seal

Regional Forest Officer
Talung Forest Division

**Inspection report of the Deputy Conservator of Forest for Diversion of Forest Land
280.54 Ha for Talong Londa Hydro Electrical Project (225 MW) in East Kameng District
By M/s GMR Londa Hydro Power Pvt. Ltd. Under Seppa Forest Division**

1.	Legal Status of forest Land Proposed for diversion	Un classed State Forest (USF) Tropical Wet evergreen Forest
a.	Land Wise break up details of the Forest	280.54 Ha of Land is required for construction Of Tallong Londa Hydro Electrical Power Project Land proposed for diversion under Seppa Forest Division.
b.	Total cost of the Project at present rate	2172.90 Crores.(As per approved DPR)
c.	Whether proposed involves any construction of building (C.C. Residential) or not if yes, Details thereof	Yes, Since the land requirement is for construction of Hydro Electric Power Project construction of building may involved.
2.	Wild Life (whether forest area proposed for Important from wild life point of view).	N/A
3.	Vegetation:	Density of forest -0.7 Eco-class:- vi
a.	Total No. of trees to be felled	32118 Nos.
b.	Effect of removal on the general ecosystem Of the area.	N/A
c.	Important Spps	Duabanga grandiflora (Khokon), Alnus grandis, tona Ciliate, Altangia exelsa, castonopsis indica, bischofia, japonica, Albizia Lebeak, Kydia Calycina, Bambex ceiba etc.
d.	No. of trees felled up to 60 CM girth	14370 Nos.
e.	No. of trees felled above 60 CM girth	17748 Nos.
	Back ground note on the proposal	The Government of Arunachal Pradesh allotted Talong Londa Hydroelectric Project 225 MW to M/S GMR Londa Hydro Power Pvt. Ltd. For development of the project on Built operated own transfer basis.
4.	Compensatory Afforestation	Yes, Compensatory afforestation details attached.
a.	Whether Land for compensatory afforestation is suitable from plantation And management point of view.	Yes, Certificate attached
b.	Land identified for compensatory afforestation is in how many patches. Whether patches or not	Compensatory Afforestation Plan in Four patches. Locations are Pakiapu under shoshi Bagang Village (250 Ha), N.K Doka under Doka Village (102.08 Ha.), Mebua camp (107 Ha) and Rongbuk Mebua (102 Ha) Under Seppa circle .
6.	Map with details	Attached
7.	Whether proposal involves violation of forest conservation Act-1980 or not. If yes, detailed report on violation including action taken against concern officials.	No.
8.	Whether proposals involves rehabilitation of displaced people. If yes, whether the	Yes, rehabilitation and resettlement plan of the project is being prepared as per LARR-2013

	rehabilitation plan has been prepared by the government or not? Details to be furnished specially if rehabilitation plan would affect any other forest type by Trans Locating trees in and round the said forest.	
a.	Reclamation plan	Yes, As per annexure 14 of the project proposal
9.	Details of catchment and command area under plan to prevent situation of reservoir	Proposal include Catchment Area Treatment plan
10.	Cost benefit ratio.	Yes, As per annexure 09 of the project proposal
11.	Recommendation of the chief conservator of Forest/ State Govt.	
12.	Recommendation of the regional chief Conservation of forest along with details reasons.	
13.	Regional Chief Conservator of forest shall give detailed Comment on whether there are any alternative routes/ alignment for locating the project on the non forest type.	
14.	Utility of project	
a.	Number of schedule caste/ Schedule tribes to be benifited.	2000 Nos of Local people (ST) of the area are to be benefited.
15.	Whether land being diverted to any socio culture religious value. Whether any sacred groves or very old grown trees/ forest exist.	No
16.	Situation w.r.t. PA	Situated at 63 KM away from Pakke wild life sanctuary.
17.	Any other information relating to the project	The project will be helpful for the entire district and expected to uplift socio-economic conditions of the local tribal communities.

Dated:

Signature



Name in Block Letters:

Regional Forest Officer
Seema Forest Division

Place:

Official Seal


PART - III

(To be filled up the concerned Chief Conservator of Forests)

14. Whether site where the forest land involved is located has been inspected by the concerned Chief Conservator of Forests (Yes/No). If yes, the date of the inspection (note to be enclosed). :- *Yes, Inspection Report is enclosed.*
15. Whether the concerned Chief Conservator of the Forests agree with the Part - B and recommendations of Deputy Conservator of Forests. :- *Yes, agree.*
16. Specific recommendation of concerned Chief Conservator of Forests for acceptance or otherwise of the proposal with detailed reasons. :- *Recommended as the project proposal will be useful for the development of State and the Country.*

Date: 29.12.14

Place: Banderdewa

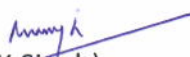
Signature: 
Name: (R.K. Singh) IFS
Official Seal: Banderdewa

GOVERNMENT OF ARUNACHAL PRADESH
DEPARTMENT OF ENVIRONMENT & FORESTS
WESTERN ARUNACHAL CIRCLE :: BANDERDEWA

***Inspection Report of the Chief Conservator of Forests, Western Arunachal Circle,
Banderdewa in respect of Talong Londa Hydro Electric Project***

The forest area proposed for diversion for construction of Talong Londa Hydro Electric Project (225 MW) was visited by the undersigned on 29.11.2013 alongwith the representatives of the User Agency and DFO Seppa Forest Division & his other field staff. It was observed that even agriculture and horticulture areas were included in the area proposed to be diverted and the DFO Seppa and the representatives of the User Agency were advised to clearly identify the actual forest area and finalize the proposal accordingly. The User Agency now has rectified the proposal after making amendments in the area to be diverted and finalizing all documents accordingly, which now has been submitted by DFO Seppa Forest Division. Following are the observations made at the time of field visit –

- (1) The project area falls in the East Kameng District of Arunachal Pradesh.
- (2) It consists of area with agricultural and horticultural crops and forest patches mainly along the river.
- (3) A dam is proposed across the river Kameng and water from it will be utilized for generation of electricity.
- (4) Other structures as power house, staff colony, roads etc. will also be constructed by the User Agency.
- (5) Forests falling in the project area were found to have good density.
- (6) No historical monument etc. could be seen in the area.
- (7) No work was found to have been taken up by the User Agency.
- (8) No endangered species of flora or fauna could be noticed at the time of inspection.


(R.K. Singh)
CHIEF CONSERVATOR OF FORESTS
Western Arunachal Circle
Banderdewa
Dated 29.12.2014

PART-IV

(To be filled up in by the Nodal Officer or Principal Chief Conservator of Forests or Head of Forest Department.)

17. Detailed opinion and specific recommendation of the State Forest Department for acceptance of otherwise of the proposal with remarks::

Recommended.

(While giving opinion, the adverse comments made by the concerned Conservation of Forests or Deputy Conservation of Forests should be Categorically reviewed and critically Commented upon).

Date: 19/05/2015

Place: Shamagar

Signature
19/05/2015

Name & Designation
(Official Seal)

C. D. SINGH

Chief Conservator of Forests (Cons.)
& Nodal Officer, P.F.
Amravati District, Maharashtra

PART-V

(To be filled in by the Secretary in charge of Forest Department or by any other authorized officer of the State Government not below the rank of an Under Secretary)

18. Recommendation of the State Government

(Adverse comments made by any officer or authority in Part-B or Part-C or Part-D above should be specially commented upon)

Recommended

Date: 20.5.2015

Place: ITANAGAR

[Signature]
Signature
Name & Designation
(Official Seal)
(Dr. Yogesh)

**Principal Secretary
(Environment & Forests)
Govt. of Arunachal Pradesh,
Itanagar.**