



Government of Jammu and Kashmir
Forests, Environment & Ecology Department

Subject:- Use of 148.1469 ha. of forest land (82.2539 ha. forest + 1.815 ha. State land under possession of Forest Land in Sindh Forest Division and 64.078 Ha. in Kargil Forest Division) for construction of 220 KV S/C Alusteng (Srinagar) Leh Transmission System by Power Grid Corporation of India". (PGCI).

Reference: (i) Minutes of the 97th Forest Advisory Committee meeting held on 20-05-2017 under the Chairmanship of Chief Secretary(Chairman FAC) J&K, issued by the Chief Conservator of Forests/Nodal Officer(FCA)vide No.PCCF/FCA/2349-1/2211-32 dated 01-06-2017.

(ii) Cabinet decision No.88/6/2017 dated 16-06-2017 conveyed by the General Administration Department.

(iii) Letter No. PCCF/FCA//1981/2782-85 dated 06-07-2017. received from the Pr. Chief Conservator of Forests, J&K,

Government Order No:- 182-FST of 2017

Dated:- 19 -07-2017.

Sanction is hereby accorded to the use of 148.1469 ha. of forest land (82.2539 ha. forest + 1.815 ha. State land under possession of the Forest Land in Sindh Forest Division and 64.078 Ha. in Kargil Forest Division) for construction of 220 KV S/C Alusteng (Srinagar) Leh Transmission System by Power Grid Corporation of India". (PGCI). with the following particulars:-

01.	User Agency/Applicant	Power Grid Corporation of India (PGCI)			
02.	Location:				
	District	Forest Division	Comptts.	Range	Block
	Ganderbal	Sindh	(22, 23a, 23b, 23c, 27, 28, 68, 37, 65a, 65b, 63a/ Sindh & 45Mbl, 68/ Sindh (Soil Range); 45Mbl, 46Mbl, 69/Sindh (Social Forestry)	Sindh & Mansbal	Akhal-II, Ganiwon, Gund, Kullan, Malhar & Kangan Town

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	Kargil	Kargil	-	Drass & Kargil	-
03.	Objective of the Proposal	To provide connectivity to Leh/Kargil area in Laddakh region (J&K) with National Grid at 220 KV for meeting electricity demand of Ladakh Region.			
04.	Salient features of the project:				
	I. Specifications	= 220KV Single Circuit Transmission Line			
	II. Total length of the Transmission Line (T/L)	= 375 Km.			
	III. Length of T/L passing through forest area	=42.327 Km.			
	IV. Width of the T/L (ROW)	= 35Mtrs.			
	V. No. of Towers to be erected on the forest land:				
	S.No.	Name of Comptt	No. of Towers	Forest area (in Ha.)	
	(A) Sindh Forest Division:				
	1	63A Sindh	48	42.5404	
	2	65A Sindh	13	7.6335	
	3	65B Part Kullan + Part Razin	6	5.2780	
	4	37 Sindh	1	0.9940	
	5	68 Sindh	3	1.7150	
	6	22 Sindh	1	1.0290	
	7	23A Sindh	1	1.3370	
	8	23B Sindh	1	0.8750	
	9	23C Sindh	4	3.4370	
	10	23C Sindh (Part Ganiwan)	4	4.4835	
	11	27 Sindh	3	2.9365	
	12	28 Sindh	1	1.1305	
	13	45Mbl	4	2.0510	
	14	68 Sindh	2	1.3370	
	Total:-		92	76.7774	
	Forest area required for corridor (Right to Way) in Comptt. No. 45/Mbl , 46/Mbl & 69/Sindh presently with Social Forestry Department.			5.4775	
	State land required but under possession with Forest Department			1.815	
	Total Forest area required in Sindh Forest Division			84.0689 Ha.	
	(B) Kargil Forest Division:				
	S.No.	Name of Comptt/Village / Block/Range	No. of Towers	Forest area (in Ha.)	
	1.	Pandress, Matayan, Minamarg/Ghumri, Goshan	61	64.078	

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	and Khrool		
	Total Forest area required in Kargil Forest Division		64.078 Ha.
VI.	Total Forest area required: (A+B)		= 148.1469 Ha.
05. Mandatory required information:-			
a.	Whether the forest land proposed to be used for non forest purpose forms part of a natural reserve, national park, wildlife sanctuary, biosphere reserve or forms part of the habitat of any endangered or threatened species of flora and fauna or any area lying in severely eroded catchment.	No	
b.	Whether the use of any forest land is for agriculture purposes or for the rehabilitation of displaced persons.	No	
c.	Whether the Principal Chief Conservator of Forests had certified that it has, considered all other alternatives and that no other alternative in circumstances are feasible and that the required area is the minimum needed for the purposes, and,	Yes	
d.	Whether the department or authority requisitioning forest land for non forest uses undertakes to provide at its own cost acquisition of an equivalent area and afforestation thereof.	The User Agency requisitioning forest land for non-forest purpose has not undertaken to provide cost of acquisition at its own. It has however agreed to provide cost of afforestation on double the forest area. Further it has also undertaken to pay the NPV as per the Hon'ble Supreme court directions.	

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0. Division-wise Number of Trees / Poles/Saplings involved.

Division	Species	Trees (30-40cm & above)	Poles (20-30cm & 10-20cm)	Saplings (0-10cm)	Total
Sindh	Deodar	198	02	09	209
	Kail	1776	543	1078	3397
	Fir	153	01	124	278
	B/L (Poplar, Willow, Cupress, Bran, Walnut, etc.)	3899	190	193	4282
	Total	6026	736	1404	8166
Kargil	B/L (Willow)	541	3536	2318	6395
Total		541	3536	2318	6395

GENERAL ABSTRACT OF TREES/POLES/SAPLINGS INVOLVED;

Species	Trees (30-40cm & above)	Poles (20-30 cm & 10-20cm)	Saplings (0-10cm)	Total
Deodar	198	02	09	209
Kail	1776	543	1078	3397
Fir	153	01	124	278
B/L	4440	3726	2511	10677
Total	6567	4272	3722	14561

06. NET PRESENT VALUE OF FOREST LAND INVOLVED;

Forest Division	Compt.	Forest Area Involved	Crop Density	Eco-Class	NPV (Rs. in lacs)	Total Amount (Rs.)
Sindh	(22, 23a, 23b, 23c, 27, 28, 68, 37, 65a, 65b, 63a/ Sindh & 45Mbl, 68/ Sindh (Soil Range); 45Mbl, 46Mbl, 69/Sindh (Social Forestry))	84.0689 Ha	(i) Dense (for 81.6694 Ha.) & (ii) Open (for 0.5845 Ha.)	VI	8.97	7,32,57,451
Kargil	Kargil Forest Division	64.078 Ha	Open	VI	6.99	4,47,90,522
Total		148.1469 Ha				11,84,56,539

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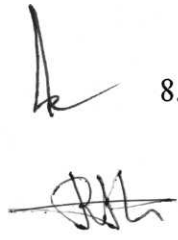
07.	Compensatory Afforestation for double the area @ Rs. 1 lac per Ha.		
	Forest Division	Forest Area involved	Double the forest area
	Sindh	84.0689	168.1378
	Kargil	64.078	128.156
Total:-		296.2938 Ha.	2,96,29,380
08.	Compensation of Trees/Poles/Saplings		
	Division	Amount (Rs)	
	Sindh	1,75,62,095	
	Kargil	54,71,640	
	Total:	2,30,33,735	

However, the above sanction shall be subject to the terms and conditions as given here under.

1. The proprietary and legal status of forest land shall remain unchanged.
2. The User Agency and /or its contractors will not bring any forest area under their use, other than the actual area/activity approved by the Government for the instant proposal. Any laxity or deviation on this account by the User Agency or its contractors will attract penal provisions of the relevant Acts/legal provisions.
3. The forest land shall be utilized only for the purpose for which it has been indented.
4. The user Agency had made the payment in full of the amount summarized below, as reported by the Nodal Officer FCA, vide letter mentioned at Ref.(iii).

S No	Component	Amount (Rs.)
i	Net Present Value	11,84,56,539/-
ii	Compensatory Afforestation	2,96,29,380/-
iii	Compensation of trees	2,30,33,735/-
Total:-		17,11,19,654/-

5. The forest land shall not be mortgaged, reassigned, leased or sub-leased by user agency in any manner what so ever to any other agency.
6. Construction will be allowed on forest land only after payment of amount summarized above is made to the Forest Department and Government sanction is issued in the case.
7. The User Agency shall pay the additional amount of NPV, if so determined as per decision of the Hon'ble Supreme Court of India.
8. (i) The extraction of the trees /poles/saplings shall be done by the State Forest Corporation/Divisional Forest Officer concerned on the basis of markings administratively





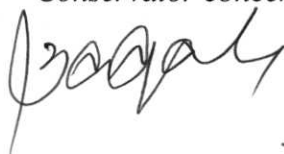
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approved by the Chief Conservator of Forests, Jammu. The marking for tree felling shall be done with utmost care and only such trees shall be attended which shall be exactly necessary and effort shall be made to save most of the trees, poles/ Saplings falling on the alignment. The cost of extraction shall be paid by the User Agency directly to the agency executing the extraction.

(ii) The fundamental rule for marking of trees, enumerated during processing of the proposals, will be to save maximum number of trees without compromising with the construction and maintenance of the approved project structure and no trees/poles/saplings will be felled/cut/pruned/ lopped for purposes/project activities other than those approved/sanctioned. Conservator of Forest concerned of Forest Division shall be personally responsible for monitoring the felling of trees wherever necessary and submit fortnight report to the PCCF, for placing it before Forest Advisory Committee (FAC),

9. Extraction shall be done as per guidelines prescribed by the Ministry of Environment and Forests vide its no. F.No. 7-25/2012-FC dated 5th May 2014, which has been formulated in consultation with the Central Electricity Authority. Extraction will be carried out in following steps:

- I. *Marking list for felling of trees will be prepared by the local forest officer (DFO concerned) for the felling of trees coming in the alignment of foundation of towers and along the strip, as per requirement of the User Agency. Fundamental rule for the marking will be to save maximum number of trees without compromising with the construction and maintenance of the transmission line.*
- II. *Forest area required for foundation of the towers and three meter strip below each conductor bundle, which would be marked by the User Agency on the ground, will be cleared first. Trees on this area will be felled, but after stringing work is completed, natural regeneration will be allowed to come up. Felling/ pollarding/ pruning of trees will be done with the permission of the DFO concerned under the close supervision of concerned Conservator of Forest wherever necessary to maintain the electrical clearance. One outer strip will be left clear to permit maintenance of transmission line.*
- III. *During construction of transmission line, pollarding/ pruning of trees located outside the width (three mt) of the strips, whose branches/parts infringe with conductor string, shall be permitted to the extent necessary, as may be decided by the Chief Conservator concerned.*
- IV. *Pruning of trees for taking construction/ stringing equipments through existing approach/ access routes in forest areas shall also be permitted to the extent necessary, as may be decided by local Chief Conservator concerned. Construction of new approach/ access route will however, require prior approval under the Act.*
- V. *In the remaining width of right of way, trees will be felled or lopped to the extent required, for preventing electrical hazards by maintaining 4.6 meter of minimum clearance between conductor and trees.*
- VI. *To avoid any hazard, felling/cutting/pruning of those trees which because of their height/ location may fall on conductors shall also be permitted, as may be decided by the local Chief Conservator concerned.*



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VII. *In the case of transmission lines to be constructed in hilly areas, where adequate clearance is already available, trees will not be cut except those minimum required to be cut for stringing of conductors.*

10. The user agency will explore possibility of installing laser lights on towers to repel the birds, particularly the eagles, to avoid their electrocution.
11. Plantation of shrubs /bushes and small size tree species will be done all along the Transmission line on forest land. A separate project would be prepared by the Forest Department in consultation with the User Agency for the purpose which would be funded by the User Agency. Plantation will be done after the stringing of conductor has been completed.
12. The User Agency shall construct retaining walls/breast walls on forest land and take all necessary steps to check soil erosion which may result due to proposed construction of the line in consultation with the Soil Conservation Department. The Forest Department shall take due cognizance under law for any laxity on this account on the part of the User Agency which might trigger soil erosion in the area.
13. Any damage done to the forest by the User Agency or its employees and contractors or people employed by them shall be charged from the User Agency @ 10 times the standard rates.
14. The forest land so allowed for use shall return to the Forest Department free of any encumbrances when it is no longer required by the User Agency.
14. The User Agency shall be responsible for obtaining requisite clearances under any other law in vogue before commissioning of the project.

By Order of the Government of Jammu and Kashmir.

Sd/-

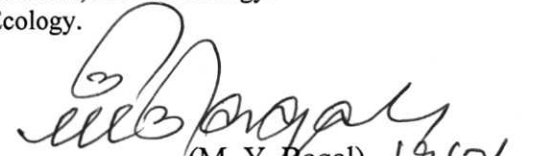
(Muhammad Afzal) IAS,
Commissioner/ Secretary to Government
Forest, Env. & Ecology Department

Dated:- 19 -07-2017.

No:-FST/Land/18/2017

Copy to the:-

1. Secretary to the Govt. of India, Ministry of Env, Forests and Climate Change, New Delhi.
2. Principal Chief Conservator of Forests,(HoFF), J&K, Srinagar.
3. Commissioner /Secretary to Government, Power Dev.Department.
4. Divisional Commissioner Jammu for information.
5. Director, Social Forestry, J&K ,Srinagar
6. Director, Soil & Water Conservation Department, J&K, Srinagar
7. Director ,SFRI, J&K Srinagar
7. Director ,Archives, Archaeology & Museums J&K, Srinagar
9. CCF/Nodal Officer, FCA, office of the PCCF, J&K, Srinagar
10. Officer on Special Duty with the Hon'ble Minister for forests, Environment & Ecology.
11. Special Assistant to Hon'ble MoS for Forest, Environment & Ecology.
12. Private Secretary to the Chief Secretary (Chairman FAC),
13. Private Secretary to Commissioner/.Secretary to Govt. Department of Forests, Env. & Ecology.
14. P.A to Secretary (Technical) Department of Forest, Environment & Ecology.
15. Government order file/Stock file.


(M. Y. Baqal)
Under Secretary to Government
Forest, Environment & Ecology Deptt.



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