

**FORM A  
PART- II**

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

7.	Location of the Project/ Scheme		Kurseong and Bagora		
i)	State/ Union Territory		West Bengal		
ii)	District		Darjeeling		
iii)	Forest Division		Kurseong Division		
iv)	Area of Forest Land proposed for diversion (in Ha)				
	<b>Division</b>	<b>Range</b>	<b>Block/Comptt.</b>	<b>Purpose</b>	<b>Area in Ha.</b>
	Kurseong	Bagora	Mahaldiram-III	Erect Steel Tubular Poles and RCC Muffs to Sling Defence Optical Fiber Cable	0.8274
		Kurseong	Dhobijhora		
			<b>Total</b>		<b>0.8274</b>
		<b>Grand Total</b>		<b>0.8274</b>	
v)	Legal status of Forest		Reserve Forest		
vi)	Density of Vegetation		50 %		
vii)	Species-wise (Scientific names and girth class-wise enumeration to be enclosed at FRL, FRL-2 m and FRL-4)		No felling will be involved in the project as the project will be done in the RoW.		
viii)	Brief note on vulnerability of the forest area to erosion		Nil.		
ix)	Approximate distance of proposed site for diversion from boundary of forest.		200 meters.		
x)	Whether forms part of national park , wildlife sanctuary, biosphere reserve, tiger reserve, elephant corridor etc.		No.		
xi)	Whether any rare/ endangered unique species of flora and fauna found in the area if so details thereof.		The rare/endangered species of flora and fauna found in the proposed area are Common Leopard (Panthera pardus), Darking Deer (Muntiacus muntjak) and wild boar (Sus scrofa)..		
xii)	Whether any protected archaeological/ heritage site/ defense establishment or any other important monument is located in the area. If so, the details thereof with NOC from competent authority, if required.		No.		
8.	Whether the requirement of forest land as proposed by the user agency in col. 2 of part-I is unavoidable and barest minimum of the project. If no, recommended area item wise with details of alternatives examined.		Yes. It is an unavoidable and barest minimum of the project. (0.8274 ha)		
9.	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 violation is still in progress.		No.		
10.	Details of Compensatory Afforestation Scheme		<b>Enclosed vide Annexure-II</b>		
i)	Details of non forest area/ degraded forest area identified for compensatory afforestation, its distance from adjoining forest, number of patches, size of each patch		Degraded forest area: 0.8274 ha, at Mahaldiram - III Block, Bagora Range, Kurseong Division, Darjeeling District.		
ii)	The details of non-forest/degraded forest area identified for compensatory afforestation and adjoining forest boundaries. The following area Range and Beat of Kurseong Forest Division identified for C.A.				
	<b>Range</b>	<b>Beat</b>	<b>Comptt/Block</b>	<b>Area in Ha.</b>	
	Bagora	Gairigaon	Mahaldiram - IV	0.8274	
			<b>Total</b>	<b>0.8274</b>	

iii)	Detailed compensatory afforestation scheme including species to be planted, implementing agency, time schedule, cost structure etc.	Compensatory Afforestation scheme would be implemented on the line of Integrated Afforestation Programme(IAP) or Joint Forest Management(JFM). With activities viz. soil and moisture conservation works, monitoring and evaluation along with the maintenance of plantation for a period of ten years including energized fencing for the protection of plantation as the support activity of the poor people involved in JFM includes Infrastructure development like drinking water facilities, patrolling path, causeway, culverts etc.	
iv)	Total financial outlay for compensatory afforestation scheme.	<b>Rs.11,22,679.00 (Rupees Eleven Lakh Twenty Two Thousand Six Hundred Seventy Nine) only. (If not within 2021-22, 6% annual compound interest will be added every year).</b>	
v)	Certificates 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).	Enclosed separately.	
11.	Site inspection report of the DCF (to be enclosed) specially highlighting facts asked in col.7 (xi, xii), 8 and 9 above.	Enclosed vide <b>Annexure - III</b>	
12.	Division/District Profile:		
	i) Geographical area of the district.	3149 Sq. Km.	
	ii) Forest area of the district	1024 Sq. Km.	
	iii) Total forest area diverted since 1980 with no. of cases	182.6715 ha 08 cases	
	iv) Total compensatory afforestation stipulated in the district/division since 1980.	62.802 ha	
	a) Forest land including panel compensatory afforestation	365.343 ha	
	b) Non forest land	NIL.	
	v) Progress of compensatory afforestation as on (date) as on	Undertaken at Lalfa Block	45.662 ha
a) Forest land:	Undertaken at Setikhola and Kandung Block	17.14 ha	
	<b>Total:</b>	<b>62.802 ha</b>	
b) Non-Forest land:	NIL		
13.	Specific recommendations of the DCF for acceptance or otherwise of the proposal with reasons.	<p>The proposal is hereby recommended and may be accepted in the interest of national security and for strategic reasons such as communication. There will be no tree felling during pole installation and other allied works.</p> <p>The clearance/NOC under Forest Right Act, 2006 from District Magistrate, Darjeeling is mandatory for all forest clearance.</p>	

*Harini*  
**(Dr. Harikrishnan P. J. IFS)**  
 Divisional Forest Officer  
 Kurseong Division

**ANNEXURE-II**

**Compensatory afforestation Scheme for erection of poles and laying of Optical Fiber Cable in favour of Air Force Kurseong, falling within Kurseong Forest Division.**

1	<b>Introduction:</b> The Sqn Ldr CTO, 799 Signal Unit Airforce, Kurseong with a proposal for the erection of Poles and Optical Fiber Cable Slings at Bagora Range under Bagora Range of Kurseong Forest Division. The Diversion of total forest land involved within Kurseong Forest Division comes to 0.8274 ha. The proposed compensatory afforestation is over the same degraded forest land i.e. on 0.8274 ha to make good the loss of forest area involved at the same time to maintain the ecological balance in the area.				
2	<b>Site for compensatory afforestation:</b>				
	The location selected for compensatory afforestation in degraded in Kurseong Forest Division is as follows:				
	Sl.No.	Block/Comptt.	Area in Ha	Range	Division
	1.	Mahaldiram-IV	0.8274	Bagora	Kurseong
3	<b>Methodology of work execution:</b> Compensatory Afforestation - plantation related activities will be executed by involving JFMC (Joint Forest Management Committee) for related works. And for materials and supply and other construction works, West Bengal tender and procurement rules will be followed.				
4	<b>Block Plantation:</b> The area is proposed under Coniferous and its miscellaneous working circle for the new 7 <sup>th</sup> working plan which is under preparation. The below mentioned species will be planted in blocks of 100 m <sup>2</sup> so that the future silvicultural operations and timber operations will be easy and useful. The spacing will be 2.5 m x 2.5 m with pit size of 45 cm x 45 cm x 60 cm.				
5	<b>Fencing &amp; Protection:</b> The area will be protected with barbed wire fencing and with firewatchers and plantation watchers and all other components as given in Form A, Part-II.				
6	<b>Seedling requirement:</b> 1600/ha with additional 15% for mortality in nursery and 15% for infilling.				
7	<b>Choice of Species:</b> The species will be planted as per site specific and working plan prescription. The list of species to be planted are given below:				
	<b>Scientific name</b>	<b>Vernacular name</b>	<b>Uses</b>		
	<i>Acer campbellii</i>	Kapasi	Timber		
	<i>Alnus nepalensis</i>	Utish	Timber		
	<i>Castanopsis hystrix</i>	Katus	Fruit /Timber		
	<i>Cryptomeria japonica</i>	Dhupi	Timber		
	<i>Eriobotrya bengalensis</i>	Maya	Timber		
	<i>Machilus edulis</i>	Kawlo	Fruit/Timber		
	<i>Michelia cathcartii</i>	Tite Champ	Timber		
	<i>Zanthoxylum budrunga</i>	Timur	Medicine		
	<i>Juglans regia</i>	Okhar	Fruit		
	<i>Garcinia Kawa</i>	Kafal	Fruit		
	<i>Michelia excelsa</i>	Champ	Timber		
	<i>Nyssa javanica</i>	Chilaune Lekh	Timber		
	<i>Prunus nepaulensis</i>	Arupate	Fruit/Timber		
	<i>Semingtonia populnea</i>	Pipli	Timber		
8	<b>Soil &amp; moisture conservation:</b> The soil & moisture conservation work will be approximately 50% of the total area of compensatory afforestation. Light engineering following by vegetative measures will be taken up.				
9	<b>JFM Support activity:</b> Support activity like Infrastructure development may be taken up in the forest fringe FPC villages.				
10	<b>Executing agency:</b> The work will be executed with the involvement of respective FPC members of this Division and will be done as per Working Plan prescription under the direct supervision of Forest (Conservation) Act 1980 cell.				
11	<b>Time Schedule:</b> The work will be executed as per sanction of the proposal & availability of fund from the user agency.				
12	<b>Monitoring &amp; evaluation:</b> The monitoring & evaluation of the work shall be done by the Monitoring Division of the Forest Directorate, Govt. of West Bengal & Ministry of Forest & Environment, Regional Office, GOI.				

  
 (Dr. Harikrishnan P. J., IFS)  
 Divisional Forest Officer  
 Kurseong Division

**REPORT OF PRELIMINARY FIELD JOINT SURVEY DONE ON 24.07.2020 FOR OPTICAL FIBRE CABLE (OFC) ROUTE.**

Apropos to the matter of laying Optical fibre cable(OFC) under the aegis of National Fibre Spectrum project of Ministry of Defense having BSNL as the technical client partner and in connection with the instant case of offline proposal moved by Indian Air Force, Bagora station as the user group of NFS for forest clearance under FCA, 1980 the preliminary joint field survey was conducted on 24.07.2020 in between "A to Z Infra Engineering Ltd." the sub-vendor of NFS and Forest department. The preliminary joint field survey was called vide letter no. 1664/8-14(OFC) dated 20.07.2020 of O/o the Divisional Forest Officer, Kurseong Division.

In the joint field survey, Indian Air Force representative could not attend owing to sealing of the Air Force station, Bagora enforced as containment measures taken against COVID-19 after one of the inmate tested positive for COVID-19. Sgt Brijesh Tiwari of IAF, Bagora had communicated to mention the inability of Indian Air Force to send their representative on the scheduled date and time of survey. However, he had mentioned that A to Z Infra Engineering Ltd. personals would be joining in the survey.

In participation of Shri G.Yomo, WBFS, Assistant Divisional Forest Officer-I, Shri Chinmoy Burman, WBFS, Assistant Divisional Forest Officer-II, Shri Kiran Rana, FR, Range Officer, Bagora Range & Shri Arun Chettri, DR/Fr, Beat Officer, Dow-Hill Beat from the Forest Department side and Shri Jitendra Kumar, Project Coordinator, Shri Rajiv Ranjan Mishra, Area Manager and other technical personals from A to Z Infra Engineering Ltd. (Sub-Vendor) side the joint survey was conducted.

Entire stretch from (i) Indian Air Force, Bagora Station gate point to 8th mile, Kurseong Forest Division & Darjeeling Wild Life Division boundary via Dilaram and from (ii) Indian Air Force, Bagora Station gate point to Dow-Hill via Chimney and Deorali villages were traversed. The intervening forest and non-forest boundary interfaces falling in these stretches were shown in detail to A to Z Infra Engineering Ltd. personals.

It was construed that the location of tubular poles' erection needs to be fixed depending upon feasibility factors. For fixing the locations a thorough survey needs to be conducted which the A to Z Engineering Ltd will take up following this preliminary survey. Each such pole would be fixed on the ground by a concrete base of 35cm diameter cylindrical column. At present the numbers of such pole locations are not finalized. Once the detail technical survey is done, the area of forest land that would be used for the proposed non-forest purpose would be known.

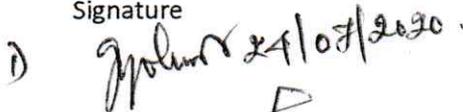
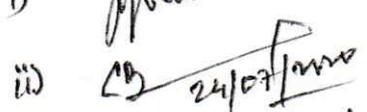
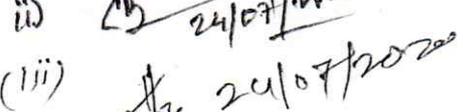
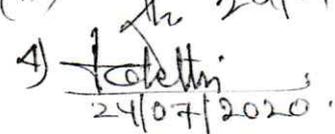
As a matter of fact, the proposal submitted by the Air Force authorities in offline mode needs to be supplemented by the finally calculated forest area that would be used in the project after arriving out of technical survey. The specification drawings, alignment maps and shape files prepared after the technical survey needs to be supplemented to the proposal as attachments for rendering it complete.

**SUBMITTED**

Name & designation

1. Sri G.Yolmo, WBFS
2. Sri Chinmoy Burman, WBFS
3. Sri Kiran Rana, FR
4. Sri Arun Chettri, DR/Fr

Signature

i)  24/07/2020.  
ii)  24/07/2020  
(iii)  24/07/2020  
4)  24/07/2020.



**CALCULATION OF N.P.V.**

**In accordance with the orders of the Supreme Court,  
The density of vegetation of area proposed for diversion of forest land**

<b>Sl. No.</b>	<b>Beat/ Comptt.</b>	<b>Crop composition</b>	<b>Area (ha)</b>	<b>Density category</b>	<b>Rate/ha in Lakh</b>	<b>Total Amount (Lakh)</b>
1.	Mahaldiram & Dhobijhora	Miscellaneous	0.8274	50 %	9.39	7.76929

**(Rupees Seven Lakhs Seventy Six Thousand Nine Hundred Twenty Nine) only**

  
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