GOVERNMENT OF ARUNACHAL PRADESH DEPARTMENT OF ENVIRONMENT, FORESTS & CLIMATE CHANGE

ITANAGAR

No.FOR.5-75/Cons/2022/ 3908-12

Itanagar, dated, 18th

Sept'2024

The Deputy Director General of Forests (Central), Sub Office, Guwahati (under Regional Office, Shillong) 4th Floor, Housefed Building, Rukminigaon Guwahati-781022

Sub: - Proposal for diversion of 27.19 ha of forest land for construction of Tamen to Dollungmukh road (Phase-I) 42.03 km to 72.03 km by PWD in Lower Subansiri and Papum Pare District of Arunachal Pradesh.

Ref:- Your letter No. 3-AN C 268/2024/GHY/348-49 dated 09.08.2024.

Madam,

With reference to above letters on the subject. This is to enclose herewith following information.

infor		r
1	the consent of NBWL in respect of the proposed dtd 18.03.2024 forest clearance is required to the consent of NBWL approval. However, the Use	d
	for NBWL approval. However, the Use	er
	Agency has submitted the proposal for	r
	Wildlife clearance on Parivesh portal.	in
2	he minutes of the meeting of Project Steering The instant proposal is aprovision	
	committee (PSC) of the proposal is to so constants	
	ubmitted as per the Ministry letter PC-	
	1/118/2021-FC dtd 25.01.2024.	n
3	Whether the proposed road is only for construction The proposed road is only for construction in Greenfield area.	/11
	n Greenfield area, if not, FC status of the existing	
	oad and existing RoW, if FC status not obtained	
	of the existing road, the reason thereof.	on
4	n case of involvement of widening of existing round is fresh construction proposal. Therefore, involvement	of
2.11	road, clarification may be submitted whether the proposition of exciting road does not arise	
	nstant proposal seeks FC for both the existing	
	oad and additional area required for construction	
	for 4 lane and provide along with the details of the	
	road in the format as under	
	Legal Existing road Additional area Remarks Status required if any	
	Status of required namy	
	land Area RoW Length Area RoW Length	
	(m) (m)	
	The state of the s	ced
5	The 3 alternate route examination of the proposed at Annexure-I.	scu
	road incase of new road construction along with	
	the SOI map indicating with distinct color.	

ath: D/Situ da Folder	DFA	
6	The Cost Benefit analysis to be re-submitted for the proposed area i.e. 27.19 ha in the new prescribed format.	The Cost Benefit analysis as submitted by user agency in the new prescribed format is enclosed at Annexure-II.
7	The details break up area of the muck dumping location and proposed road involved in the proposal.	The details break-up of the area for diversion is enclosed at Annexure-III.
8	The Muck Dumping Plan approved by the concerned DFO mentioning the nos, of dumping locations, GPS coordinates and quantity of the muck to be extracted and dumped from the proposed area.	The Muck Dumping Plan approved by the concerned DFO mentioning the nos. of dumping locations, GPS coordinates and quantity is enclosed at Annexure-IV.
9	Whether any non forest land is identified for the muck dumping location in this proposal as 9 nos of such location has been submitted.	No. The muck dumping location of the proposal for 10 Nos.as submitted is within the forest area.
10	To clarify on 'NIL' report on the tree enumeration list in respect to the proposed area i.e.3.05 ha as tress canopy has observed as per the DSS.	The ground enumeration list and site inspection report are enclosed at Annexure-V & VI.
11	The current status of mutation and notification of identified CA area i.e.Venyi Happa VFR.	The notification is enclosed at Annexure-VII.
12	The comment of the State Govt as the propose area is 'INVIOLATE' due to the presence of hydrological layer i.e.river as per the DSS.	The proposed road is for connectivity between district Head Quarter with sub-divisional Head Quarter. Hence, diversion of forest land of the proposed area is essential.
13	The calculation of the NPV of the proposed area.	The calculation of the NPV has been submitted with the proposal vide dated 25.07.2024 in the forwarding letter. However, the calculation sheet is enclosed at Annexure-VIII.
14	The alternate CA site for 13.926 ha along with SOI map, site suitability certificate, GPS coordinates, kml file, etc. as out of the total 54.40 ha CA site identified 0.995 ha is Very Dense Forest, 12.931 ha is Moderate Dense Forest, 21.882 ha is open forest and 18.898 ha is non forest as per the DSS.	The alternate CA site for 13.926 ha along with SOI map, suitability certificate, GPS coordinates, KML file etc. are enclose at Annexure-IX, X & XI,

It is therefore, requested to kindly issue necessary formal approval for diversion of 27.19 ha forest land for construction of road under Section-2 of the Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980.

Yours faithfully,

((Debendra Dalai)

Addl. PCCF (Cons) & Nodal Officer (FCA)

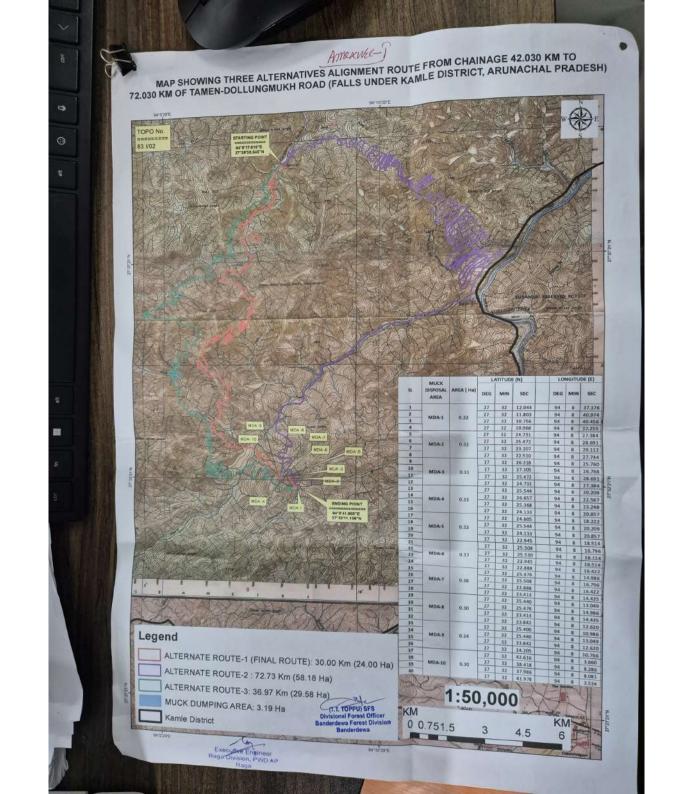
Copy to:-

- 1. The Executive Engineer, Raga Division, PWD, A.P, Raga for information.
- 2. The Chief Conservator of Forests, WAC, Banderdewa for information and necessary action.

3. The Divisional Forest Officer, Banderdewa & Hapoli Forest Division for information.

(Debendra Dalai)

Addl. PCCF (Cons) & Nodal Officer (FCA)



GEO-REF MAP SHOWING THREE ALTERNATIVES ALIGNMENT ROUTE FROM CHAINAGE 42.030 KM TO 2.030 KM OF TAMEN-DOLLUNGMUKH ROAD (FALLS UNDER KAMI E DISTRICT, ARUNACHAL PRADESH 72.030 KM OF TAMEN-DOLLUNGMUKH ROAD (FALLS UNDER KAMLE DISTRICT, ARUNACHAL PRADESH) Consultania Maria STARTING POINT 94"8"17.618"E 27"39"30.545" LONGITUDE (E) DISPOSAL AREA (Ha) DEG 37.176 94 8 94 8 94 8 40.974 40.456 MDA-1 8 37.255 27 32 10.968 32 24.731 32 25.472 94 8 27.384 94 8 28.691 MDA-2 94 8 29.112 94 8 27.744 94 8 25.760 94 8 26.768 94 8 28.691 32 23.107 32 22.510 27 MDA-10 27 32 26.318 32 27.305 MDA-6 MDA-5 10 11 27 32 25.472 32 24.731 94 8 27,384 94 8 20,209 12 32 25.544 32 26.657 32 25.368 27 22.567 23.248 14 MDA-4 MDA-2 27 24.133 24.605 94 8 20.857 94 8 18.222 ENDING POIN 32 94 20.209 20.857 25.544 18 19 0.33 MDA-5 27 32 32 24.133 94 8 18.514 94 8 16.796 94 8 18.114 MDA-1 32 25.508 32 25.530 2.7 21 MDA-4 22 23 24 27 94 8 18.514 94 8 16.422 94 8 14.986 94 8 16.796 94 8 16.422 MDA-6 32 22.945 27 27 27 27 27 32 22.888 27 32 25.476 27 32 25.508 27 32 25.508 27 32 22.888 27 32 23.413 27 32 25.440 27 32 25.476 27 94 8 94 8 94 8 94 8 94 8 94 8 28 32 25.476 32 23.413 30 31 MDA-8 14,435 32 23.842 32 25.400 32 10.986 94 8 10.986 94 8 12.620 94 8 10.766 94 8 3.660 94 8 8.286 33 27 32 25.440 27 32 23.842 34 32 24.205 32 42.616 Executive Engineer 27 27 32 38.418 27 32 37.986 27 32 41.978 37 Raga Division, PWD AP 94 8 8.081 94 8 3.534 38 MDA-10 Raga Legend ALTERNATE ROUTE-1 (FINAL ROUTE): 30,00 Km (24.00 Ha) T.T. TOPPU) SFS

Oivisional Forest Division

Banderdewa Forest Division 1:50,000 KM ALTERNATE ROUTE-2: 72.73 Km (58.18 Ha) 8 6 ALTERNATE ROUTE-3: 38,97 Km (29,58 Ha) 2 MUCK DUMPING AREA: 3.19 Ha Kamle District

GOVERNMENT OF ARUNACHAL PRADESH PUBLIC WORKS DEPARTMENT

OFFICE OF THE EXECUTIVE ENGINEER RAGA DIVISION, PWD AP RAGA-791120

Email: eeragapwd@gmail.com

EXAMINATION OF 3 (THREE) ALTERNATE ROUTES

(SOI Map/Geo Reference Map showing 3 (three) alternate routes enclosed herewith)

Ref: Diversion of 27.19 ha of Forest land for construction of Tamen - Dollungmukh Road (Phase-I) from 42.030Km to 72.030 Km - 30.00 Km

The Government of Arunachal Pradesh has approved for construction of left out portion of road from chainage 42.03Km to 72.03Km for connecting SDO Administrative Headquarters at Dollungmukh with District HQ, Raga, Kamle District under Chief Minister Comprehensive State Road Plan (CMCSRP) 2019-24 amounting to Rs 5300.00 Lakhs (Rupees fifty-three crores) only subjected to forest clearance.

In order to execute the balance portion of the road between the chainage from 42.03 km to 72.03 km of Tamen - Dollungmukh Road, the three alternative alignments of road have been surveyed, examined and compared as detailed below:

Comparative Statement of 3 (three) alternative routes

Proposed alternative routes	Road from Romchi at Ch. 42.030 Km to Gayong river at Ch. 72.030 Km	GPS Location	Area (in ha)	Remarks
Alternative alignment Route -1 (Final Route)	via Supu River	Starting point (94°8'17.618"E 27°39'30.545"N) and Ending point (94°8'41.603"E 27°32'11.106"N)	24.00	The road surveyed from Romchi at Ch. 42.030 Km to Gayong river at Ch. 72.030 Km via Supu River with a distance of 30.00 Km is found to be shortest, easiest and safe alignment as compare to other two alternative routes. Moreover, it passes through smooth terrain and found to be suitable and feasible for providing road geometrics standard of hill road.
Alternative Route -2	via Bini and along Right bank of Kamla River	Starting point at Ramchi (94°8'17.618"E 27°39'30.545"N) and Ending point at Gayung River (94°8'41.603"E 27°32'11.106"N)	58.18	The proposed alternative route from Ramchi at Ch. 42.030 Km to Gayong river at Ch. 72.030 Km via Bini and along Right bank of Kamla River passes through Steep and rocky mountainous terrain with a total distance of 72.73 km. This

ANNEXURE-1 Series

				ANNIAL VOILE-1 DELIES
Alternative	via Vanu Vulu	Starting point	20.50	alternative route is found to be longest route as compared to other two alternatives route.
Route -3	via Yapu Yulu	Starting point (94°8'17.618"E 27°39'30.545"N) and Ending point (94°8'41.603"E 27°32'11.106"N)	29.58	The proposed alternative route from Ramchi at Ch. 42.030 Km to Gayong river at Ch. 72.030 Km via Yapu Yulu passes through Steep and rocky mountainous terrain with a total distance of 36.97 km. This alternative route is found to be second longest route as compared to other two alternatives route.

In view of above, the Alternative Route-1 (Final Route) from Romchi at Ch. 42.030 Km to Gayong river at Ch. 72.030 Km via Supu River with a distance of 30.00 Km is found to be most feasible alignment in terms of short distance, easy construction, safe and stable for construction, feasible for providing road geometrics standard of hill road, maintenance and traffic operation, economical and habitations coverage. Therefore, the forest clearance has been sought for this proposed final alignment route to connect SDO Administrative Headquarters, Dollungmukh with District HQ, Raga, Kamle District, Arunachal Pradesh.

> Executive Engineer Raga Division PWD AP Raga **Executive Engineer**

Raga Division, PWD AP

Raga

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ANNEXURE-2 Series

GOVERNMENT OF ARUNACHAL PRADESH PUBLIC WORKS DEPARTMENT

Email: eeragapwd@gmail.com

OFFICE OF THE EXECUTIVE ENGINEER RAGA DIVISION, PWD AP RAGA-791120

COST BENEFIT ANALYSIS (CBA)

(Ref. No. MoEF No. 5-3 / 2011/ FC- Vol I dated 6th January 2022)

PROJECT: Proposal for Diversion of 27.19 ha Forest Land for construction of Tamen to Dollungmukh Road (Phase-I) 42.03 Km to 72.03 Km in Lower Subansiri and Papumpare Districts of Arunachal Pradesh by PWD, Govt. of Arunachal Pradesh

Table-A: Cases under which a cost -benefit analysis for forest diversion is required

No	Nature of proposal	Applicable/not applicable	Remarks
1	All categories of proposals involving forest land upto 20 hectares in plains and upto 5 hectares in hills	Not Applicable	
2	Proposal for defence installation purposes and oil prospecting (prospecting only)	Not Applicable	
3	Habitation, establishment of industrial units, tourist lodges complex and other building construction.	Not Applicable	
4	All other proposals involving forestland more than 20 hectares in plains and more than 5 hectares in hills including roads, transmission lines, minor, medium and major irrigation projects, hydro projects, mining activity, railway lines, location specific installations like micro-wave stations, auto repeater centres, TV towers etc	Applicable	The project land measuring 27.19 ha spreading both in plains and hills. Accordingly, the cost benefit analysis in prescribed format is enclosed in the subsequent page.

Executive Engineer Raga Division, PWD AP Raga Table-B: Estimation of cost of forest diversion

SN	Table-B: Estimation of cost of for Parameters	Remarks	Monetary equivalent			
1	Ecosystem services losses due to proposed forest diversion	Economic value of loss of eco-system services due to diversion of forest shall be the net present value (NPV) of the forest land being diverted as prescribed by the Central Government (MoEF & CC). Note: In case of National Parks the NPV shall be ten (10) times the normal NPV and in case of wildlife sanctuary the NPV shall be five (5) times the normal NPV or otherwise prescribed by the ministry or any other competent authority.	The NPV of the Tale Wildlife Sanctuary (ECC class-I) Tropical Semi Evergreen Forest of 27.19 ha @ Rs 1436670 per ha= Rs 3,90,63,057.3,/- say Rs 390.63 lakhs. For Wildlife Sanctuary, NPV shall be 5 times Rs. 390.63 lakhs =Rs. 1953.15 lakhs (Ref. no. MoEF no. 5-3 / 2011/FC- Vol I date 6 th January 2022)			
2	Loss of animal husbandry productivity, including loss of fodder	To be quantified and expressed in monetary terms or 10% of NPV applicable whichever is maximum	Nil , Productivity of livestock will not be affected due to construction of Road from Tamen to Dollungkukh.			
3	Cost of human resettlement	To be quantified and expressed in monetary terms as per approved R&R plan	Nil , there is no requirement of resettlement as the proposed road project is free from all settlement area and dream of the people of the area.			
4	Loss of public facilities and administrative infrastructure (Roads, buildings, schools, dispensaries, electric lines, railways etc). On forest land, which would require forest land if these facilities were diverted due to the project.	To be quantified and expressed in monetary terms on actual cost basis at the time of diversion.	Nil, there is no public facilities or administrative infrastructure exist.			
5	Possession value of forest land diverted	30% of environmental cost (NPV) due to loss of forest or circle rate of adjoining area in the district should be added as a cost component as possession values of forestland whichever is maximum.	The possession value of forest land diverted is calculated as Rs 585.94 lakhs (30% of NPV)			
6	Cost of suffering to oustees	The social cost of rehabilitation of oustees (in addition to the cost likely to be incurred in providing residence, occupation and social services as per R&R plan) be worked out as 1.5 times of what oustees should have earned in two years had he not been shifted.				
7	Habitat fragmentation cost	While the relationship between fragmentation and forest goods and services is complex, for the sake of simplicity the cost due to fragmentation has been pegged at 50% of NPV applicable as a thumb rule	Habitat fragmentation at 50% of NPV is Rs 976.57 lakhs			
8	Compensatory afforestation and soil & moisture conservation cost	The actual cost of compensatory afforestation and soil & moisture conservation and its maintenance in future at present discounted value.	Compensatory afforestation and soil & moisture conservation cost of 27.19 ha @ Rs 1.52 approx per ha= 41.32 lakhs			
	Total loss for diversion of forest land		Rs (1953.15 +585.94 +976.57 +41.32) = 3556.98 lakhs			



Table-C: Existing guidelines for estimating benefits of forest-diversion in CBA

Sr. No.	Parameters	Remarks	Monetary equivalent
1	Increase in productivity attribute to the specific project	To be quantified and expressed in monetary terms avoiding double counting	The construction of road from Tamen to Dollungmukh through Government of Arunachal Pradesh would boost the socio-economy growth of the Kamle district in particular and Arunachal Pradesh in general. The lumpsum monetary benefit is considered as Rs 200.00 lakhs
2	Benefits to economy due to the specific project	The incremental economic benefit in monetary terms due to the activities attributed to the specific project	The project involves earth cutting work, GSB work, RCC work, Bitumin work, culverts, drain etc would generate work benefit to the local people. The project cost for execution of these works are Rs 5300.00.00 lakhs
3	No. of population benefited due to specific project	As per the Detailed Project Report	0.22 lakhs approx. the population of Kamle & Dollungmukh shall benefit in terms of activities such as trading/ business transaction that will improve socio-economy of the area. The lumpsum monetary equivalent benefit is considered as Rs 300.00 Lakhs.
4	Economic benefits due to direct and indirect employment due to the project	As per the Detailed Project Report	The project involves construction of Road would require skilled and unskilled manpower of around 200 persons for a period of 3 (Three) years shall generate 219000 man-days. Moreover, local people will also get opportunity to carry out contract works based on their capability. The project would also boost tourism and other allied activities wherein local population will get benefit. The lumpsum monetary equivalent of the direct or indirect employment generation is calculated as Rs 1500.00 lakhs.
5	Economic benefits due to compensatory afforestation	Benefits from such compensatory forestation accruing over next 50 years monetized and discounted to the present value should be included as benefits of compensatory afforestation. *For benefits of CA the guidelines of the Ministry for NPV estimation may be consulted.	Compensatory afforestation of 27.19 ha of degraded forest land @ 3.5 lakh per ha for 50 years= 95.16 lakhs (Guideline issued by MoEF vide no. 5-3/ 2007-FC dated 05.02.2009.
	Total project benefit		Rs (200+5300+200+1500+95.16) = 7295.16 lakhs

D. COST BENEFIT RATIO

= Project benefit/ Forest loss

= 7295.16/3556.98 lakhs

CBA Ratio = 2.05

Hence, the project has high benefit to the region as compared to forest loss. The benefit is estimated to be 2.05 times greater than to forest loss. Moreover, the construction of road from Tamen to Dollungmukh will ease living of tribal people and administrative bottleneck of the district which cannot be quantified in terms of monetary benefit.

> Executive Engineer Raga Division PWD AP

Raga

Page 3 of 3

Executive Engineer Raga Division, PWD AP Raga





GOVERNMENT OF ARUNACHAL PRADESH PUBLIC WORKS DEPARTMENT

Email: eeragapwd@gmail.com



OFFICE OF THE EXECUTIVE ENGINEER RAGA DIVISION, PWD AP RAGA-791120

DETAIL BREAK UP AREA OF THE MUCK DUMPING LOCATION AND PROPOSED ROAD INVOLVED IN THE PROPOSAL

PROJECT: Proposal for Diversion of 27.19 ha Forest Land for construction of Tamen to Dollungmukh Road (Phase-I) 42.03 Km to 72.03 Km in Lower Subansiri and Papumpare Districts of Arunachal Pradesh by PWD, Govt. of Arunachal Pradesh

Table: Detail break up area of the muck dumping location and proposed road involved in the proposal

SI.	Break up	Ch	ainage	Proposed	Length	Area		
No.		From To ROW		ROW	of Road			
1	Area of Proposed Road involved in the proposal	42.03	72.03	8.0	30.00	24.00 ha		
2	Area of muck dumping Locations	10 (Ten) as indica	3.19 ha					
	dumping Locations as indicated in the Geo Reference Map Total Area of muck dumping location and proposed road involved in the proposal							

Executive Engineer Raga Division PWD AP

Raga
Executive Engineer
Raga Division, PWD AR
Raga

(T.T. TOPPU) SFS
Divisional Forest Officer
Banderdewa Forest Division
Banderdewa

AMEXURE-4 Series

GOVERNMENT OF ARUNACHAL PRADESH PUBLIC WORKS DEPARTMENT

OFFICE OF THE EXECUTIVE ENGINEER RAGA DIVISION, PWD AP RAGA-791120

Email: eeragapwd@gmail.com

MUCK DUMPING PLAN

PROJECT: Proposal for Diversion of 27.19 ha Forest Land for construction of Tamen to Dollungmukh Road (Phase-I) 42.03 Km to 72.03 Km in Lower Subansiri and Papumpare Districts of Arunachal Pradesh by PWD, Govt. of Arunachal Pradesh.

- 1. Introduction: A large quantity of muck is expected to be generated as a result of construction of roads. Muck generated from excavation of any project component is required to be disposed in a planned manner so that it takes a least possible space and is not hazardous to the environment. It is of prime importance that these sites will have to be rehabilitated and revegetated as soon as the disposal sites are full. Muck generally lacks nutrients and therefore, attempt shall be made to re-vegetate the slopes of muck dumping sites by adopting suitable rehabilitations measures, biofertilizer etc. so as to attain eco-friendly and environmental sustainability.
- 1.01 Muck in the form of earthworks of quantity 19,96,155.09 Cu.m approx. are to be disposed of in the total length of 30.00 Km, out of which 30% of muck will be utilized for side filling and raising the level of the road in fill section. Hence, the quantity of unusable muck which is to be disposed of is 13 97 308.56 Cu.m approx. This surplus quantity will be disposed of in dumping yards/muck disposal sites having area of 3.19 ha approx.
- 1.02 Locations of Muck disposal area of 3.19 ha approx. has been suitably located at 10 different locations in eco-friendly and environmental sustainability manner as indicated in the SOI Map/Geo Reference Map enclosed herewith and as table below:

(T.T. TOPPU) SFS
Divisional Forest Officer
Banderdewa Forest Division
Banderdewa

Raga Division, PWD AP Raga

1.03 Muck Disposal Area/Locations with GPS Coordinates:

SL.No	MUCK	AREA	L	ATITUDE (I	N)	LC	ONGITUDE	(E)
SL.No	DISPOSAL AREA	(Ha)	DEGREE	MINUTE	SECOND	DEGREE	MINUTE	SECOND
1			27	32	12.044	94	8	37.176
2	MDA 4	0.22	27	32	11.803	94	8	40.974
3	MDA-1	0.32	27	32	10.756	94	8	40.456
4			27	32	10.968	94	8	37.255
5			27	32	24.731	94	8	27.384
6	MDA-2	0.32	27	32	25.472	94	8	28.691
7	IVIDA-2	0.32	27	32	23.107	94	8	29.112
8			27	32	22.510	94	8	27.744
9			27	32	26.318	94	8	25.760
10	MDA-3	0.31	27	32	27.305	94	8	26.768
11	IVIDA-3	0.3 🎉	27	32	25.472	94	8	28.691
12			27	32	24.731	94	8	27.384
13			27	32	25.544	94	8	20.209
14	MDAA	0.33	27	32	26.657	94	8	22.567
15	MDA-4	0.33	27	32	25.368	94	8	23.248
16			27	32	24.133	94	8	20.857
17			27	32	24.605	94	8	18.222
18	MDAE	0.33	27	32	25.544	94	8	20.209
19	MDA-5	0.33	27	32	24.133	94	8	20.857
20			27	32	22.945	94	8	18.514
21			27	32	25.508	94	8	16.796
22	MDAG	0.27	27	32	25.530	94	8	18.114
23	MDA-6	0.37	27	32	22.945	94	8	18.514
24			27	32	22.888	94	8	16.422
25			27	32	25.476	94	8	14.986
26	MDA 7	0.20	27	32	25.508	94	8	16.796
27	MDA-7	0.38	27	32	22.888	94	8	16.422
28			27	32	23.413	94	8	14.435
29			27	32	25.440	94	8	13.049
30	MDAG	0.20	27	32	25.476	94	8	14.986
31	MDA-8	0.30	27	32	23.413	94	8	14.435
32			27	32	23.842	94	8	12.620
33			27	32	25.400	94	8	10.986
34	MDAO	0.24	27	32	25.440	94	8	13.049
35	MDA-9	0.24	27	32	23.842	94	8	12.620
36			27	32	24.205	94	8	10.766
37			27	32	42.616	94	8	3.660
38	MDA 40	0.20	27	32	38.418	94	8	8.286
39	MDA-10	0.30	27	32	37.986	94	8	8.081
40			27	32	41.978	94	8	3.534



Page **2** of **5**

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	00		2	6				2	2		ω	4		ר		Nos	30	ıase)								
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	5.239	4.522	7.464		5.520	5.380	13.593				5.380	16.140				Nos Vol	331-above									
217	32	12	12	22	63	90	4	5	13	00	5	12	ω	6	10	Nos	Bell									
86.660	18.400	4.500	7.000	8.250	21.420	3.296	1.800	1.500	3.900	2.400	2.500	4.944	1.500	2.250	3.00	os Vol	Bellow Girth	2								
186	13	4	10	21	34	11	11	10	10	ы	20	21	9	6	5	z										
428.889	18.964	10.893	48.664	44.825	77.490	30.000	21.223	14.152	11.083	2.265	48.090	55.242	27.326	11.170	7.502	Nos Vol	Above Girth									

Abstract

(1) Below Girth class trees = 217 nos = 86.660 m3

(2) Above girth class

= 186 nos = 428.889 m3

Total = 403 nos = 515.549 m3

(T.T. TOPPU) SFS

(T.T. TOPPU) SFS

Divisional Forest Division

Divisional Forest Division

Banderdewa

Banderdewa

Dirgha Forest Range Range Forest Officer Kakoi

Amexace-VI

1/3/

SITE INSPECTION REPORT

1.	Legal sta	tus of Forest land for diversion	:- Panir Reserve Forest						
2.	Item wis	e break up details of the forest land I for diversion	:- 3.058 hac						
3.	Whether of buildi details the	ngs (including residential or not. If yes,	:- No						
4.	Total co	st of the project	:- 5300 lakhs						
5.	Wild Lift Whethe importa	e r forest area proposed for diversion is nt from wild life point of view or not.	:- No :- No.						
6.	Total nu i) ii)	nmber of trees to be felled Number of trees to be felled below girth Number of trees to be felled of above	:- 217 no						
		girth	403 no						
7.		ound note of the proposal.	. 00.000						
8.	Compe i)	whether land for compensatory afforestation is suitable for plantation and management point of view or not.	:-	Yes					
	ii)	Whether land for compensatory afforestation is free from encroachments /other incumbencies.	:- S	Yes					
	iii)	Whether land for compensatory afforestation is important from religious	;- S	No					
	iv)	point of view. Land identified for raising compensator afforestation is in how many patches. Whether patches are compact or not.	у:-	6. 116 ha in single patch within Panir R.F					
	v) vi)	Map with details Total financial cost	:- :-	Yes Rs 23,00,400.00					
9.	Conse	her proposed land is violation of Forest ervation Act 1980 or not. If so details or to violation i/c action taken against the erned officer.	:-	No.					
10.	prese	her proposed involved displacement ent. If so, whether rehabilitation plan has b osed by the agency.	:- een	No					
11.	Desc	ribed/furnished the rehabilitation plan	:-	Not applicable					
12.	the r	ils of catchment and command area under project. Catchment area treatment plan to ent siltation of reservoir.	:- :-	Not applicable					
13.	Cost	benefit ratio.	:-	Enclosed					

(123)

Recommendation of the Principal Chief 4. Conservator of Forests/State Government. 15. Recommendation of the Regional Chief. Conservator of Forests along with detailed reasons. 16. Regional Chief Conservator of Forests shall give detailed comments on whether, there are any other natives routes alignment for locating. 17. Utility of the project :- Entire people of the region will be benefited. 18. Whether land being diverted has any socio cultural religious value. i) Whether any scared groves or very old growth trees/forests exist in the No area proposed for diversion ii) Whether the land under diversion forms :-No part or any unique co-system. 19. Situation W.R.T. to any P.A. Does not arise 20. Any other information relating to the project. Nil

> Divisional Forest Officer Banderdewa Forest Division Banderdewa

AMEXWIL-



GOVERNMENT OF ARUNACHAL PRADESH DEPARTMENT OF ENVIRONMENT, FORESTS AND CLIMATE CHANGE **ITANAGAR**

No.FOR.14/CONS/2021/ 1461

Itanagar, dated.the Becember'202 L

NOTIFICATION

In exercise of the powers conferred by section 3 A of the Arunachal Pradesh Anchal Forest Reserve (Constitution and Maintenance) Act, 1975 (Act No. 1 of 1976), as amended in1984(Act No.4 of 1984) and read with section 4 & 5 of the Assam Forest Regulation, 1891 (7 of 1891), the Governor of Arunachal Pradesh is pleased to propose to constitute the land described in the schedule hereunder as Village Forest Reserve (VFR).

SCHEDULE

Name of Village Forest Reserve 1.

: Venyi-Happa Village Forest Reserve

2. Area : 500.0 ha.

3. District : Lower Subansiri

Boundary description

North: Starting from a point at the right bank of Pain Nallah at geo-coordinate 27°26'37.223" N, 93°42'27.547" E, the boundary moves in north-easterly direction upto a point where it crosses an unnamed tributary of Panyor River at geo-coordinate 27° 26' 46.738" N, 93° 43' 2.240" E, thence in same direction upto a point at geo co-ordinate 27° 26' 57.437" N, 93° 43' 39.346" E, near another unnamed tributary of Panyor River.

East: Thence, the boundary moves in south-easterly direction crossing Padhi Nallah and upto a point at geo-coordinate 27°26'0.082" N, 93°44'12.512" E; 27°25'52.536" N, 93°44'17.488" E; 27°25'50.009" N, 93°44'22.916" E; 27°25'41.059" N, 93°44'21.797" E and upto a point at geo-coordinate 27°25'32.776" N, 93°44'32.392" E. Thence, towards south-west following geo-coordinate 27°25'11.125" N, 93°44'19.100" E and upto a point geo-coordinate 27°25'4.620" N, 93°44'10.914" E near Panyor River.

South: Thence, along the left bank of Panyor River upstream following the geo-coordinate 27° 25'18.023" N, 93°43'49.735" E; 27° 25'30.914" N, 93°43'41.725" E; 27°25'41.668" N, 93°43'40.616" E; 27°25'49.721" N, 93°43'31.645" E; 27°25'53.569" N, 93°43'21.958" E; 27°26'4.193" N, 93°43'17.134" E; 27°26'19.518" N, 93°42'58.813" E and upto geo-coordinate 27°26'13.733" N, 93°42'28.609" E.

West: Thence, the boundary moves towards north direction upto a point at geo-coordinate 27°26'37.223" N, 93°42'27.547" E, which is the starting point.

Ref. Toposheet No. 83 E/11

The Governor of Arunachal Pradesh, in exercise of the powers conferred by sub-section (1) (c) and sub-section(2) of Section 5 of the Assam Forest Regulation, 1891 (7 of 1891), is further pleased to appoint the Deputy Commissioner, Lower Subansiri District as the Forest Settlement Officer and the Divisional Forest Officer, Hapoli Forest Division as the Forest Officer respectively to inquire into and determine the existence, nature and extent of any right claimed by, or alleged to exist in favour of any person in or over any land comprised within such limits, described in the said Schedule and any claim relating to the practice within such limits, described in the said Schedule and any claim relating to the practice within such limits of jhum cultivation, and to deal with the same as provided in Chapter II of the said Regulation.

The Governor of Arunachal Pradesh is also further pleased to appoint the Secretary (GA), Govt. of Arunachal Pradesh as the Appellate Authority to hear the appeals under section 15 of the said regulation.

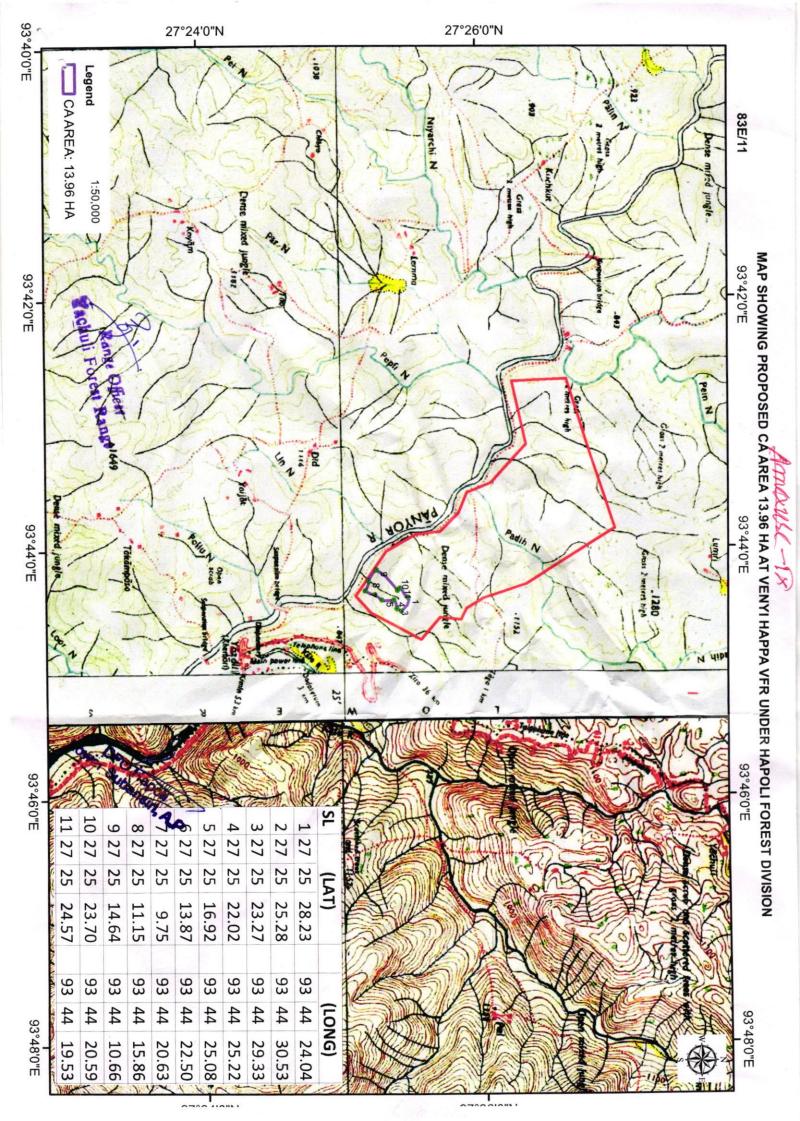
> Principal Secretary (E & F) Govt. of Arunachal Pradesh Itanagar

Amexure-VIII

NPV CALCULATION SHEET

Amount Rate <u>Area</u> Eco-class **Density** Rs.3,73,15,828/-Rs.1372410/- per ha. 27.19 ha VI 0.4 to 0.5

(Debendra Dalai) Addl. PCCF (Cons) & Nodal Officer (FCA)



Amexare-x

Suitability Certificate

Certified that 13.926 ha of degraded land identified for Compensatory Afforestation in lieu of diversion of forest land for construction of Tamen-Dollungmukh road from 42.03 km to 72.03 km (Phase-I) by PWD, Raga Divisin at Venyi Happa VFR under Hapoli Forest Division is suitable for compensatory afforestation and from Management point of view.

Divisional Forest Officer Hapoli Forest Division,