

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

No.FOR.3-269/Cons/2024/3739-42

Itanagar, dated, 2nd Sept'2025

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

Sub: - Proposal for diversion of 7.7664 ha forestland for construction of 320 M span Major Permanent Bridge over Lohit River at Km 14.50 Km (Tinai) on Karoti Tinai to Dichu road by BRTF in Anjaw district of Arunachal Pradesh. (Proposal No. FP/AR/ROAD/74913/2020)

Ref: - Your letter No. 3-AN C/310/2025/GHY/124-125 dated 02.06.2025.

Madam,

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

1	A brief details on the remaining stretch of the road.	The 320 mtr span Tinai bridge project is start at km 46.90 on Chagwanti-Walang-Namti (C-W-N) and end at km 14.50 on KKG Tinai road. The C-W.N road is providing connectivity to traffic coming from Hayuliang to Walang and Namti and also further provide connectivity to Kibithu on Western bank of Lohit river. The KKG-Tinai road was constructed in Single Lane (CL-9 specification) on Eastern Bank of Lohit River, originating from KKG and Terminated at Tenai having length of 14.500 km. Construction of this road has been entrusted under CSG projection and assigned very high level of priority. At present, no link exist on eastern Bank of Lohit river. The construction of Major permanent bridge at Km 14.500 felt necessary for connectivity of Eastern bank to Western bank movement of equipment of Army & ITBP and for connectivity to local inhabitant.																																							
2	To clarify whether the 15 nos of employee is to be recruited permanently for this specific project in BRTF or not, and total numbers of employee/temporary employee to be provided in mandays.	More than 15 nos of the employees are recruited permanently for this specific project and details are as under: <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th rowspan="2">Sl.No</th> <th colspan="2">Skilled</th> <th colspan="2">Unskilled</th> </tr> <tr> <th>Category</th> <th>Nos</th> <th>Category</th> <th>Nos</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Machine optr</td> <td>12</td> <td>Mate</td> <td>01</td> </tr> <tr> <td>2</td> <td>Mason</td> <td>03</td> <td>Mazdoor</td> <td>22</td> </tr> <tr> <td>3</td> <td>Fitter/Steel</td> <td>02</td> <td>-</td> <td>-</td> </tr> <tr> <td>4</td> <td>Fabricator</td> <td>01</td> <td>-</td> <td>-</td> </tr> <tr> <td>5</td> <td>Sinker</td> <td>02</td> <td>-</td> <td>-</td> </tr> <tr> <td colspan="2">Total</td> <td>20</td> <td></td> <td>23</td> </tr> </tbody> </table>	Sl.No	Skilled		Unskilled		Category	Nos	Category	Nos	1	Machine optr	12	Mate	01	2	Mason	03	Mazdoor	22	3	Fitter/Steel	02	-	-	4	Fabricator	01	-	-	5	Sinker	02	-	-	Total		20		23
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Total		20		23																																					
3	The 3 alternate route examinations indicating on Sol toposheet.	The 3 alternate route is enclosed at Annexure-I																																							
4	Justification for choosing this proposed route from the other two alternatives mentioning ecological parameters i.e. forest cover, forest type, habitation etc.	The Bridge Proposal has been finalized based on important design parameter in Hydraulic data at river side like Silt factor, energy slope, Cross section of river, L section, wetted perimeter and HFL etc which has a vital impact on design and formulation of																																							

		Bridge scheme. All the three proposals has been examined by Technical Board of Officer (BOO) by detailed studying hydrological, geotechnical, hydraulic parameter, minimum bridge span, minimum approach length and economical consideration. After details analysis, BOO has recommended proposal No.1 among the three alternatives.
5	The Muck disposal plan, approved and authenticated by the concerned DFO.	The User Agency has submitted Muck disposal plan and authenticated by the concerned DFO is enclosed at Annexure-II
6	To clarify on the identified CA site as the location recommended by the CCF in Part II is observed to be different from the detail mentioned in the State Govt. forwarding letter.	The revised Part-II & III are enclosed at Annexure-III & IV.
7	The site suitability certificate of the identified CA site.	The site suitability certificate is enclosed at Annexure-V
8	The CA scheme authenticated and signed by the competent authority.	The CA scheme authenticated and signed by the competent authority is enclosed at Annexure-VI
9	The soft copy of the kml file of the identified CA site.	The soft copy of the kml file of the identified CA site is enclosed at Annexure-VII
10	The SoI map indicating the identified CA site with GPS coordinate authenticated by the concerned DFO.	The SoI map identified CA site with GPS coordinate authenticated by the concerned DFO is enclosed at Annexure-VIII
11	The copy of the PSC minutes as it is mandatory to submit as per Ministry's guideline dated 25.01.2024	The copy of the PSC minutes is enclosed at Annexure-IX
15	State Govt to comment on the forest clearance status of the settlement area, agricultural land and exiting road within the proposed diversion area as observed in Google imagery 2023.	The settlement area was found to be in existence as per population Censure 1971. The Ditchu RF was notified in 1978. The existing road is diversion of 37.20 ha of forest land for construction of Eastern Bank of Lohit river from KKG to Tinai (0.00 km to 15.50 km) by BRTF. Final approval for the existing road was granted vide No.3 AN C 026/2011-SHI/79-80 dated 04.04.2012.
16	The aerial distance of the proposed area from nearest boundary of P.A/WLS/NP	The aerial distance of both Namdapha NP & Kamlang WLS is 100 km
17	Undertaking certificate for NPV and Adl. NPV.	The User Agency has submitted Undertaking is enclosed at Annexure-X.

It is therefore, requested to kindly issue necessary formal approval for diversion of 7.7664 ha forest land for construction of above road under Section-2 of the Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980.


Yours faithfully


(Debendra Dalai)

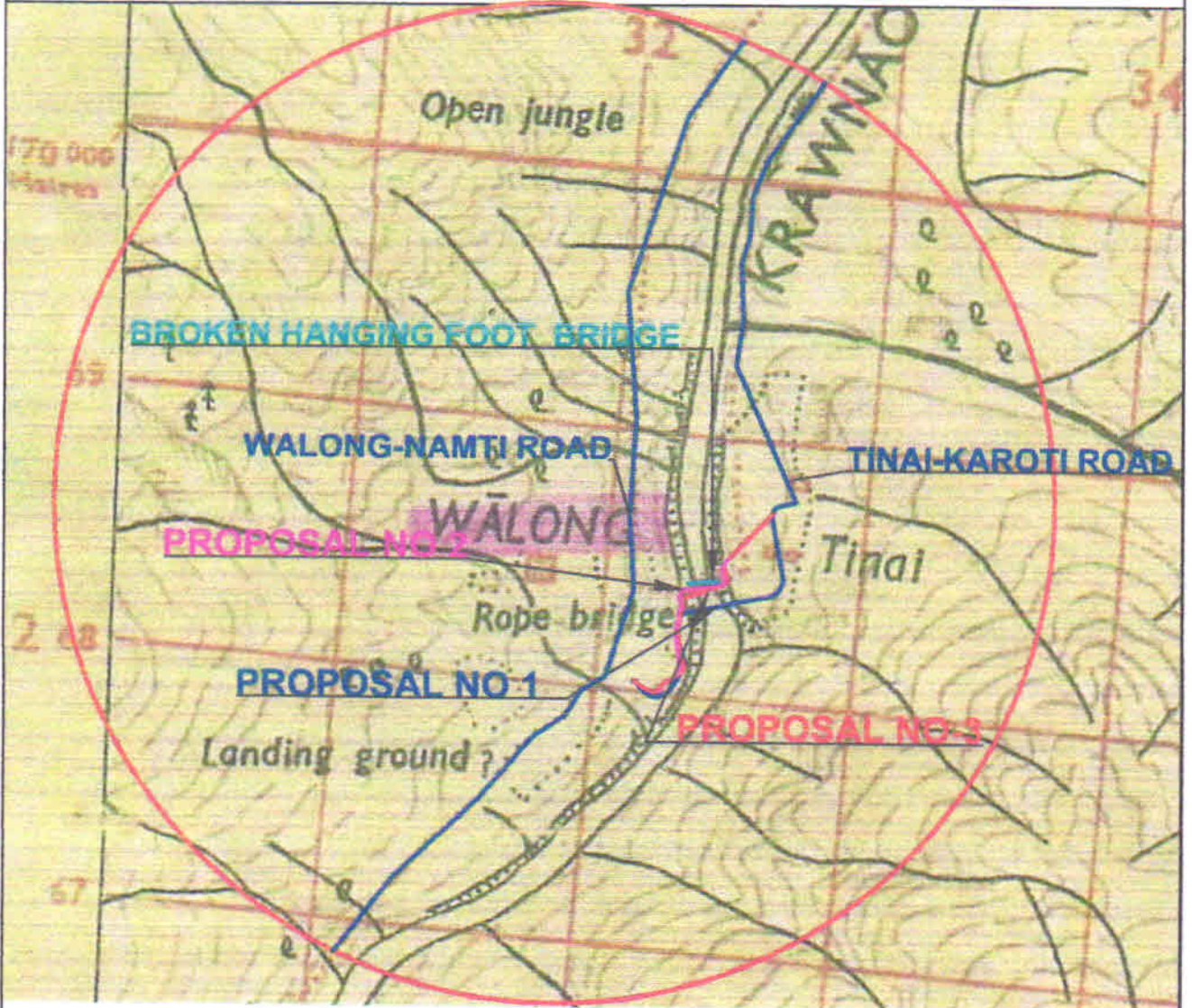
Adl. PCCF (Cons) & Nodal Officer (FCA)

Copy to: -

1. The Chief Conservator of Forests, EAC, Tezu for information
2. The Officer Commanding 1444 BCC (GREF), Pin-931444, C/o 99 APO for information & necessary action.
3. The Divisional Forest Officer, Anjaw Forest Division for information.


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

ZOOM VIEW OF TOPOSHEET NO 91 H/4
TINAI BRIDGE SITE AT TINAI-KAROTI ROAD



LATITUDE AND LONGITUDE OF TINAI BRIDGE PROPOSALS AS PER TOPO SHEET OF SOI

S/NO	PROPOSAL	LATITUDE	LONGITUDE
1	PROPOSAL NO 1(320M SPAN)	28.138317°	97.026441°
2	PROPOSAL NO 2(250M SPAN)	28.139209°	97.025190°
3	PROPOSAL NO 3(260M SPAN)	28.138797°	97.025966°
4	BROKEN HANGING FOOT BRIDGE	28.139282°	97.025511°

[Signature]
Special Forest Officer
Hawai Forest Division
Hawai

[Signature]
(Devale Mahadev)
(देवले महादेव)
EE (Civ)
अधि० अभि० (सिविल)
Officer Commanding
कमान अधिकारी
1444 BCC (GREF)

DETAIL EXAMINATION OF THREE ALTERNATE ROUTE (TINAL BRIDGE)

Appx 'C'

Particulars	Alignment Option-1	Alignment Option-2	Alignment Option-3
	PSC Portal Frame	PSC Portal Frame	PSC Portal Frame
Total Length including approach	1794.00 m	1098.027 m	1452.00 m
Bridge length	320 m	250 m	260 m
Span Arrangement	70+140+70+40	50+150+50	50+140+70
Structure Type	Segmental PSC portal frame & PSC Box Girde (mid span of 140m)	Segmental PSC portal frame (mid span of 150m)	Segmental PSC portal frame (mid span of 140m)
Approach length	Walong side	525.0 m	985.0 m
	Internal border side	639.0m	223.067m
Longitudinal gradient	(Existing road present upto certain length) Tenai side along most of the length slope is 4.5% and 2.5% on other side	(Existing road present upto certain length) Tenai side along most of the length slope is approximate 8%	(Existing road present upto certain length) Walong side along most of the length slope is approximate 4.8%
Horizontal geometrics	Most of the curve are grater then 50m radius. However very sharp curve of 30m radius at bridge approaches in one location is Provided	Most of the curve are of below 30m radius	Most of the curve are of 50m radius, Geometrics of this alignment Comparatively better than Option-2 and option-3
Foundation Cost	444.703 Lakh	295.436 Lakh	294.899 Lakh
Substructure Cost	251.266 Lakh	91.937 Lakh	194.547 Lakh
Super Structure Cost	1268.779 Lakh	1017.737 Lakh	1058.758 Lakh
Cost of approaches	872.266 Lakh	435.281 Lakh	545.551 Lakh
Cost of retaining wall	1424.216 Lakh	476.996 Lakh	447.899 Lakh
cost of bridge at approach		185.576 Lakh	169.144 Lakh
Civil cost	4261.230 Lakh	2503.063 Lakh	2710.798 Lakh
Ease of Construction of approach Road and maintaining the stability foundation	Total length of the bridge is more than the proposed bridges on other 2 options. It cost is coming higher due to raise in fill by 10m then other, both the abutment are out of water in lwl case. As discussed with joint director DGBR, it is discussed and suggested to provide the suggested to provide the balance cantilever instead of unbalanced span arrangement, construction of unbalanced span create safety issues. Hence in option-1, there is sufficient span to accommodate the balanced cantilever.	Total Length of the span is 250m which less than options. Approaches at Tenai side is very steep, approximately 14 cutting is required which may destabilize the natural condition of slope. Due to more difference in cantilevers it will be difficult to maintain the stability of foundation against overturning dueing execution.	Length of proposed bridge is more than of opt-2 and less than opt-1. Approach at Tenai side is shifted towards downstream taking care of cutting for approach road, average cutting height in this option is 4m however it is 14m in option-2. Difference in cntilever in Tenai side is less than option-2 however cntilever in far bank are equal and balanced which faciliate the fast construction and , It will easy to maintain the stability in foundation during execution with respect to Option-2, Construction in unbalanced cantilever in Tenai side at very steep embankment may casue of safety issues.

Recommendation :- Keeping view the issues, its decided with DDG, DGBR that instread of higher cost of bridge proposed in option - 1 is recommended due to ease of construction of balance cantilever.



(Devala Mahadevi)
(देवले मरादेव)

EE (Civ)

अधि० अधि० (सिविल)

Officer Commanding

कमान अधिकारी

1444 BCC (GREF)

1444 सेतु निर्माण इकाई (ग्रेफ)

1. Principles
 2. Structure
 3. Functions
 4. Classification
 5. Evolution
 6. Development
 7. Reproduction
 8. Growth
 9. Metabolism
 10. Homeostasis
 11. Adaptation
 12. Survival
 13. Extinction
 14. Biogeography
 15. Systematics
 16. Phylogenetics
 17. Population Genetics
 18. Molecular Evolution
 19. Speciation
 20. Macroevolution

MUCK DISPOSAL PLAN

CONSTRUCTION OF 320 M SPAN MAJOR PERMANENT BRIDGE OVER LOHIT RIVER AT 14.50 KM (TINAI) ON KAROTI-TINAI ROAD UNDER 1444 BCC SECTOR/48 BRTF UNDER PROJECT UDAYAK IN ARUNACHAL PRADESH.

1. As such, the subject proposal has been prepared as per revised forest (Conversation) rule 2003 under forest (Conservation) Act 1980 for obtaining forest clearance from Govt. Of India for construction of Maj permanent bridge 320 Mtr Span over Lohit River at Km 14.50 (Tinai) on Karoti Tinai Road in Anjaw District in the state of Arunachal Pradesh.

2. Approximately 118889.01 cum of muck is to be disposed off per km, with this rate, for 2.1828 km approx 259510.94 cum muck is to be disposed off. Out of which 94318.04 cum will be utilized for fill in embankment. Hence the quantity of unstable muck which is be disposed off - 165192.90 cum. All these surplus quantities will be disposed off at muck dumping site having area 6060 Sqm (0.6060 ha) Location of muck disposal site totaling for 0.6060 ha is marked is site plan is enclosed herewith.

3. Muck disposal area calculation sheet of (Meshai) Eastern Bank road to Ditchu road.

S/ No	Muck Site	Length (m)	Width	Muck Disposal Area (mtr sq)	S/ No	Centroid/Mid-Point (degrees Minutes Second)		Remarks
						Longitude	latitude	
1	MDP	101	60	6060.00	a	97.0281	28.1424	The MDP area has been calculated in Autocad as well as in KML file since the area is rectangle.
					b	97.0288	28.1431	
					c	97.0293	28.1427	
					d	97.0286	28.1421	
TOTAL MUCK DISPOSAL AREA IN SQM				6060.00				

(Signature)

(Devale Mahadev)
EE (Civ)
Officer Commanding

Date : 28 Jun 2025

(Signature)
Divisional Fores. Officer
Anjaw Forest Division
Hawai

Amawal-III

(93)

PART - II

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

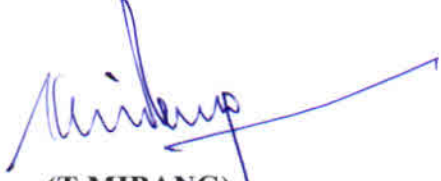
Proposal No. FP/AR/74913/2020

7.	Location of the project/scheme	:-	Construction of 320M (70M+140M+70M+ 40M) Span major permanent Bridge over Lohit river at km 14.50 TINAI on Karoti-Tanai road to Dichu under 1444 BCC Sector/48 BRTF under Project Udayak in Anjaw (Proposal No. FP/AR/ROAD/74913/2020)
	i) State/Union Territory	:-	Arunachal Pradesh
	ii) District	:-	Anjaw
	iii) Forest Division	:-	Anjaw Forest Division
	iv) Area of forest land proposed for Diversion (in Ha.)	:-	7.7664 Ha
	v) Legal Status of Forest	:-	USF Area.
	vi) Density of vegetation	:-	0.3
	vii) Species wise (Scientific Name) & Diameter, Classwise, Enumeration of Trees (to be enclose in case of irrigation/Hydel project, enumeration at FRL-2 Mtr & FRL-4 Mtr are to be enclose.	:-	Copy Enclosed
	viii) brief note on vulnerability of the forest area to erosion	:-	NIL
	ix) Approx distance of proposed site for Diversion from boundary of forest.	:-	
	x) Whether forms part of National park , Wild life sanctuary , Biosphere reserved, Tiger reserved ,Elephant Corridor etc (if so the details of the area and comments of the Chief wildlife warden to be annexed.	:-	NO
	xi) Whether any rare/endangered/unique species of Flora & Fauna in the area , if so details thereof.	:-	NIL
	xii) Whether any protected archaeological / 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.	:-	NIL
8.	Whether the requirement of forest land as proposed by the user agency in Col.2 of part -1 is unavoidable and barest minimum for the project .if No recommend area item wise with details of alternative examined.	:-	Unavoidable and to the barest minimum for the project.
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 official. Whether work in violation is still in progress.	:-	NO
10.	Details of Compensatory Afforestation scheme		
	i) Details of Non-Forest area / Degraded forest	:-	Non availability Certificate of

	identified for Compensatory Afforestation , its Distance from adjoining forest ,Number of patches , size of each patch.		CAA was submitted vide No.ANJ/Cons-24/2022/1590-93 dt.01.11.2024.
	ii)Map showing Non-Forest / degraded forest area identified for Compensatory Afforestation and adjoining Forest boundaries.	:-	NA
	iii)details of Compensatory Afforestation scheme including species to be planted , Implementing agency , Time schedule , Cost structure etc	:-	NA
	iv) Total financial outlay for Compensatory Afforestation scheme.		NA
	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 Forest.	:-	NA
11.	Site inspection report of the DCF(To be enclosed) specially highlighting facts asked in Col.7 (XI ,XII) , 8 & 9 above	:-	Enclosed.
12.	Division/District profile		
	i)Geographical area of Forest Division	:-	Anjaw Forest Division – 5243.00 sq km
	ii) Forest area of Division	:-	Anjaw Forest Division RF-1792.0 sq km VRF-27.0 sq km PRF area- 1967.0 sq km PVRF area – 32.0 sq km Rest area – 1425.0 sq km
	iii) Total forest land diverted since 1980 with number of cases.	:-	1361.212 Ha.
	vi)Total Compensatory Afforestation stipulated in the District/Division since 1980 onwards	:-	1361.212 Ha.
	a)Forest land including panel Compensatory Afforestation.		
	b) Non-forest land	:-	NIL
	v)Progress of Compensatory Afforestation as on date		
	a)Forest land		
	b)Non Forest land		
13.	Specific recommendation of the DCF for acceptance or otherwise of the proposal with reasons.	:-	The project has strategic importance and it will provide good connectivity to rural areas. Hence it is recommended.

Place:- Hawaii

Date:-


(T.MIBANG)
DIVISIONAL FOREST OFFICER
ANJAW FOREST DIVISION
 Anjaw Forest Division
 Anjaw Forest Division
 Hawaii

PART-III

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

Proposal No. FP/AR/ROAD/74913/2020

Name:- Construction of 320M (70m + 140m + 70m + 40m) span Major Permanent Bridge over Lohit river at 14.50 km Tinai on Karoti- Tinai to Ditchu road by BRTF.

14.	Whether site, where the Forest Land involved is located has been inspected by the Conservator of Forests (Yes/No). If yes, the date of inspection & observations made in the form of inspection note to be enclosed.	No, the site has not been inspected as the proposed area is 7.7664 Ha only. The proposal is for diversion of 7.7664 Ha of forestland for construction of 320m (70m + 140m + 70m + 40m) span Major Permanent Bridge over Lohit river at 14.50 km Tinai on Karoti- Tinai to Ditchu under 1444 BCC Sector/48 BRTF under Project UDAYAK.
15.	Whether the Conservator of Forests agree with the information given in Part-II and the recommendations of Deputy Conservator of Forests.	Yes, I agree with the information provided by the DFO, Anjaw.
16.	Specific recommendation of Conservator of Forests for acceptance or otherwise of the proposal with detailed reasons.	The construction of proposed Major Permanent bridge of 14.50 km (Tinai) will connect Eastern bank to Western bank of Lohit river and facilitate for movement of equipment of Army & ITBP Forces. It will also facilitate the connectivity to local inhabitant of eastern bank as there is no link/ connectivity for eastern bank of Lohit river. Hence, recommended.

Date :- 22.07.2025

Place :- Tezu

Signature :-



Name :-

S. MANYU, IFS

Designation :-

Chief Conservator of Forests

Office Seal :-

Chief Conservator of Forests
Eastern Arunachal Circle
TEZU (A.P.)



Amendment - V

**GOVERNMENT OF ARUNACHAL PRADESH
OFFICE OF THE DIVISIONAL FOREST OFFICER
BANDERDEWA FOREST DIVISION: BANDERDEWA**

SUITABILITY CERTIFICATE

This is to certify that an area of 15.54 hectares identified for raising compensatory afforestation in Panir Reserve Forest under Subansiri Forest Range, Kimin of Banderdewa Forest Division against Const. of 320 M span major permanent Bridge over Lohit river at 14.50 km (Tinai) on Karoti Tinai to Dichu road by BRTF in Anjaw District of Arunachal Pradesh state is a degraded forest land and is suitable for afforestation from forest management point of view. Further, it is also certified that the land is free from all encumbrance.

**(MORI RIBA) SFS DCF
DIVISIONAL FOREST OFFICER
BANDERDEWA FOREST DIVISION
BANDERDEWA**

Divisional Forest Officer
Banderdewa Forest Division
Banderdewa



THE BOARD OF DIRECTORS OF THE NATIONAL BOARD OF
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MEMORANDUM

TO: THE BOARD OF DIRECTORS
FROM: [Name]
SUBJECT: [Topic]

On [Date], I met with [Name] and [Name] to discuss the [Topic]. They reported that [Details]. It was agreed that [Action].

Very truly yours,
[Signature]
[Name]
[Title]

**ESTIMATE FOR RAISING COMPENSATORY AFFORESTATION PLANTATION UNDER BANDERDEWA
FOREST DIVISION**

Name of project : Construction of 320 m Span Major Permanent Bridge over Lohit river at 14.50 km (Tinai on Karoti-Tinai to Dichu road)
 User Agency : BRTF
 Location of CA : Drupong RF
 Area of CA : 7.7664 x 2= 15.5328 or say 15.54 ha
 Wages rate (DL) : 600/-

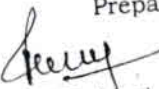
		Unit	Qty	Rate	Amount
A	Creation of Nursery				
	Cost of seedlings @ 1100 Nos. / ha.	ha	17094	18	307692
1	1ST YEAR OPERATION				
	Survey & demarcation and preparation of map @ 4 mandays/ ha.	ha	15.54	3000	46620
	Sub Total				
2	2ND YEAR OPERATION				
	(i) Erection of barbed wire fence (5 strand) fencing per 100 Rmt.	Rmt	2200	287.78	633116
	(ii) Maint. Barbed wire fencing @ 5% of erection cost in each year from 3rd year to 6th year Add.				
	Add 10% escalation value by multiplying factor:				
	1.20 for 3rd year				
	1.3 for 4th year				
	1.4 for 5th year				
	1.5 for 6th year				
	Sub-Total				
3	Raising of seedlings for casualty replacement	No.	4274	18.0	76932
	3rd year 15%=165 Nos				
	4th year 10%= 110 Nos. Total= 275 Nos.				
4	RAISING OF PLANTATION				
	(i) Clearance of brush wood, planting lines & staking of debris @ 15 mandays/ha.	ha	15.54	95700	1487178
	(ii) Alignment of pits & preparation of stakes, staking @ 10 mandays/ha				
	(iii) Digging of pits 30 Cm X 30 Cm X 30 Cm @ 22 mandays/ha				
	(iv) Preperation of thala by uprooting of debris by hoeing around pits @ 22 mandays/ha				
	(v) Carring of sapling to the planting site i/c planting of sapling @ 30 mandays (Area II) & 20 mandays (Area-I0/ha				

	(vi) Making of inspection path 1mtr wide @ 3 mandays/ha					
	(vii) Fire line cutting 3mtrs wide along the periphery @ 5 mandays/ha					
	(viii) Tending - 4 weeding @ 12 mandays/weeding/ha					
	Add 10% escalation value on total of item 4(i) to 4(viii)					
5	3RD YEAR OPERATION	ha	15.54	32400	503496	
	(i) Tending - 3 weeding @ 12 mandays/ha					
	(ii) Casualty replacement 15%					
	(iii) Maint. of inspection path @ 1 manday/ha					
	(iv) Maint. Of fireline @ 1 manday/ha					
	Add 20% escalation value on total of item 5(i) to 5(iv)					
6	4TH YEAR OPERATION	ha	15.54	25740	400000	
	(i) Tending -2 weedings @ 12 mandays/weeding/ha					
	(ii) Casualty replacement 10% @ 7 mandays/ha					
	(iii) Maint. Of inspection path @ 1 manday/ha					
	(iv) Maint. of fireline @ 1 manday/weeding/ha					
	Add 30% escalation value on item 6(i) to 6(iv)					
7	5TH YEAR OPERATION	ha	15.54	11760	182750	
	(i) Tending - 1 weedings @ 12 mandays/weeding/ha					
	(ii) Maint. of inspection path @ 1 manday/ha					
	(iii) Maint. Of fire line @ 1 manday/ha					
	(iv) Add paid holiday @ 18.63% on item 7(i) to 7 (iii)					
	Add 40% escalation value on item 7(i) to 7(iv)					
8	6TH YEAR OPERATION	ha	15.54	12600	195804	
	(i) Tending - 1 weedings @ 12 mandays/weeding/ha					
	(ii) Maint. of inspection path @ 1 mnday/ ha.					
	(iii) Maint. of fireline @ 1 manday/ha.					
	Add 50% escalation value on item 8(i) to 8(iii)					
9	7TH YEAR OPERATION	ha	15.54	4800	74592	
	(i) Maint. of inspection path / fireline & climber cutting @ 5 mandays/ha					

	Add 60% escalation value on total item 9(i)					
10	8TH YEAR OPERATION	ha	15.54	5100	79254	
	(i) Maint. of inspection path / fireline & climbing cutting @ 5 mandays/ha					
	Add 70% escalation value on item 10(i)					
	Sub-Total					
11	9TH YEAR OPERATION	ha	15.54	5400	83916	
	(i) Maint. of inspection path / fireline & climber cutting @ 5 mandays/ha					
	Add 80% escalation value on total of item 11(i)					
12	10TH YEAR OPERATION	ha	15.54	5700	88578	
	(i) Maint. of inspection path / fireline & climber cutting @ 5 mandays/ha					
	Add 90% escalation value on total of item 12 (i)					
13	Wages for plantation watchman at the rate of Un/skilled labourer round the year for 10 year (one watchman for every 25 ha) @ 12000/- for Area-I & Rs.12500/- for Area-II per month. Add escalation value by multiplying factor 1st year.	No.	1	3132000	3132000	
	(M.F=1.1) for 2nd year					
	(M.F=1.2) for 3rd year					
	(M.F=1.3) for 4th year					
	(M.F=1.4) for 5th year					
	(M.F=1.5) for 6th year					
	(M.F=1.6) for 7th year					
	(M.F=1.7) for 8th year					
	(M.F=1.8) for 9th year					
	(M.F=1.9) for 10th year					
14	Entry point activities	ha	15.54	18980	294949	
15	Approach foot track to plantation in area where necessary	Rmt	1500	8.54	12810	
16	Monitoring, Supervision (POL, Maint. of vehicles, including TE etc.) @ 12% and Contingency @ 3% to meet up unseen expenditure i.e 15% on item No.1 to 19 plus Nursery cost to meet the unforeseen expenditure Rs.5706325/-				855949	

17	Provision for soil and moisture conservation structures (where needed) @ Rs. 9360/- per ha.	ha	15.54	9360	145454	
				Total	8601091	
					or say Rs. 8601100	

(Rupees Eighty six lakh one thousand one hundred) only

Prepared by

 (D.K. Poddar) Addl. Chief Estimator
 O/O PCCF, Itanagar


 Nodal Officer (FCA)

Amikuel - VHI

PROPOSED MAP CA AREA : 15.54 HA AT

83E/15



Legend

1:50,000

- CA AREA : 15.54 Ha
- Panir RF

[Signature]
 Divisional Forest Officer
 Banderdewa Forest Division
 Banderdewa

Accuracy of the settlement location and administr



Annexure-IX

File No. P/11/2025

MINUTES OF PROJECT SCREENING COMMITTEE (PSC) MEETING OF ARUNACHAL PRADESH HELD ON 11.08.2025

The Meeting of Project Screening Committee (PSC), Arunachal Pradesh was held on 11.08.2025 in hybrid mode at Video Conference Hall, PCCF Office, Itanagar, Arunachal Pradesh. The members present in the meeting were:-

1	Shri D.Dalai, APCCF (FC) & Nodal Officer (FCA)	Chairperson
2	Shri S. Manyu, CCF, EAC	Member
2	Shri T.Mibang, DFO, Anjaw	Member
3	Shri Manish Kr.Jha, DCF (Cons)	Member Secretary


At the outset, Chairperson extended a warm welcome to all the members present in the meeting. Thereafter, the proposals were discussed. The details of discussion along with observations are as follows:

AGENDA-1

Proposal No. : FP/AR ROAD/74926/2020
Project Name : C/o Road from Karoti Tinai to Dichu by BRTF
User Agency : BRO
District : Anjaw
Forest Division : Anjaw
Forest land involved : 10.0762 ha


Decision of PSC:

The PSC approved the proposal.


Manish Kr.Jha
DCF Conservation
Member Secretary

T.Mibang
DFO, Anjaw
Member

S. Manyu
CCF, EAC
Member


D. Dalai,
APCCF (Cons) & NO (FCA)
Chairperson

MINUTES OF PROJECT SCREENING COMMITTEE (PSC) MEETING OF ARUNACHAL
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2	Shri S. Manyu, CCF, EAC	Member
2	Shri T.Mibang, DFO, Anjaw	Member
3	Shri Manish Kr.Jha, DCF (Cons)	Member Secretary

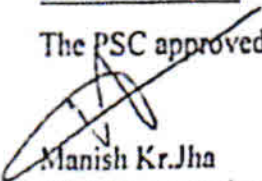
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Manish Kr.Jha
DCF Conservation
Member Secretary

T.Mibang
DFO, Anjaw
Member


S. Manyu
CCF, EAC
Member

D. Dalai,
APCCF (Cons) & NO (FCA)
Chairperson

Annexure -XII

PROPOSAL NAME-CONSTRUCTION OF 320 M (70M+140M+70M+40M) SPAN MAJOR PERMANENT BRIDGE OVER LOHIT RIVER AT KM 14.50 (TINAI) ON KAROTI-TINAI ROAD TO DICHU UNDER 1444 BCC SECTOR/48 BRTF UNDER PROJECT UDAYAK IN ARUNACHAL

PROPOSAL NO.- FP/AR/ROAD/74913/2020

PROPOSAL DATE- 05 Dec 2020

To Whom So It May Concern

Undertaking for Payment of net present value of forest area

It is to certify that I/we OC 1444BCC(GREF) , have applied for forest clearance of **7.7664 ha** of forest area for the purpose of construction of 320 M (70m+140m+70m+40m) span major permanent bridge over Lohit river at Km 14.50 (Tinai) on Karoti-Tinai road to Dichu under 1444 BCC Sector/48 BRTF under project udayak in Arunachal., I/we, hereby undertake to pay the net present value (NPV) of the above forest land. I/we also hereby undertake to pay the additional amount of NPV, if so determined as per the decision of the Hon'ble Supreme Court, later.

Date- 23/12/23

^{we}
(Pramod kumar)
Executive Engineer (Civil)
Officer Commanding
1444 BCC (GREF)

Countersigned
Divisional Forest Officer, Anjaw

Office Seal---
Divisional Forest Officer
Forest Division
Anjaw