

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

Itanagar, dated 22 July 2025

No.FOR-3-217/Cons/2019/3136-39

To

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 18.60 ha forestland for widening/improvement of existing road to NHDL specification Hunli-Metengliang-Hayuliang road from 158.00 km to 165.00 km by BRTF in Anjaw district of Arunachal Pradesh. (Proposal No. FP/AR/ROAD/114789/2020)

Ref: - Your letter No. 3-AN C/171/2023/GHY/181-82 dated 19.06.2024.

Madam,

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

1	To provide the justification on the proposed road chainage as it was observed to be marked from km 158.00 to km 164.800 instead of 158.00 km to 165.00 km as proposed	The actual chainage of the road is exactly as per the proposal submitted i.e. from km 158.00 to km 165.00. The chainage km 164.800 was incorrectly marked on ground which has now been rectified.
2	The alternate CA site to be identified in double degraded Unclassed Forest and submit along with the Sol map, GPS co-ordinates, Site Suitability Certificate, KML files. CA scheme etc. or double the degraded forest land with Chief Secretary Certificate for non-availability of non-forest land.	The alternate CA site is identified at Drupong RF- 37.20 ha under Banderdewa Forest Division along with SOI map, Suitability certificate, GPS co-ordinates, CA scheme etc. are enclosed at Annexure-I. II & III
3	The work order copy issued for PMGSY project for the existing chainage i.e. 158.00 km to 165.00 km.	This project is not released to PMGSY. The work order issued for the PMGSY project is not held with this department. However, copy of Adm approval sanctioned vide HQ CE(P) Udayak letter No. 20007/2071/AE/H-M-H road/Km 158- km 165/02/E2 Estg dated 30th March'2020 & copy of handing taking of road from RWD, Govt of Arunachal Pradesh is enclosed at Annexure-IV & V

It is therefore, requested to kindly issue necessary formal approval for diversion of 18.60 ha forest land for widening/improvement of above road under Section-2 of the Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980.

Yours faithfully

(Debendra Dafai)

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

Copy to: -

1. The Chief Conservator of Forests, EAC, Tezu for information
2. The Officer Commanding 116 RCC (GREF), Pin-930116, 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)



**GOVERNMENT OF ARUNACHAL PRADESH
OFFICE OF THE RANGE FOREST OFFICER
DOIMUKH FOREST RANGE:DOIMUKH**

SUITABILITY CERTIFICATE

This is to certify that an area of 37.20 hectares identified for raising compensatory afforestation in Drupong Reserve Forest under Drupong Forest Range of Banderdewa Forest Division against Widening/improvement of existing road to NHDL specification Hunli-Metengliang-Hayuliang road from 158.00 km to 165.00 km by BRTF in Anjaw District of Arunachal Pradesh 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 encumbrances.

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

Amakise-11

Map Proposed CA Area : 37.20 Ha at Drupong Rt under Banderdewa Forest Division

83E/16

93°48'0"E

93°48'0"E

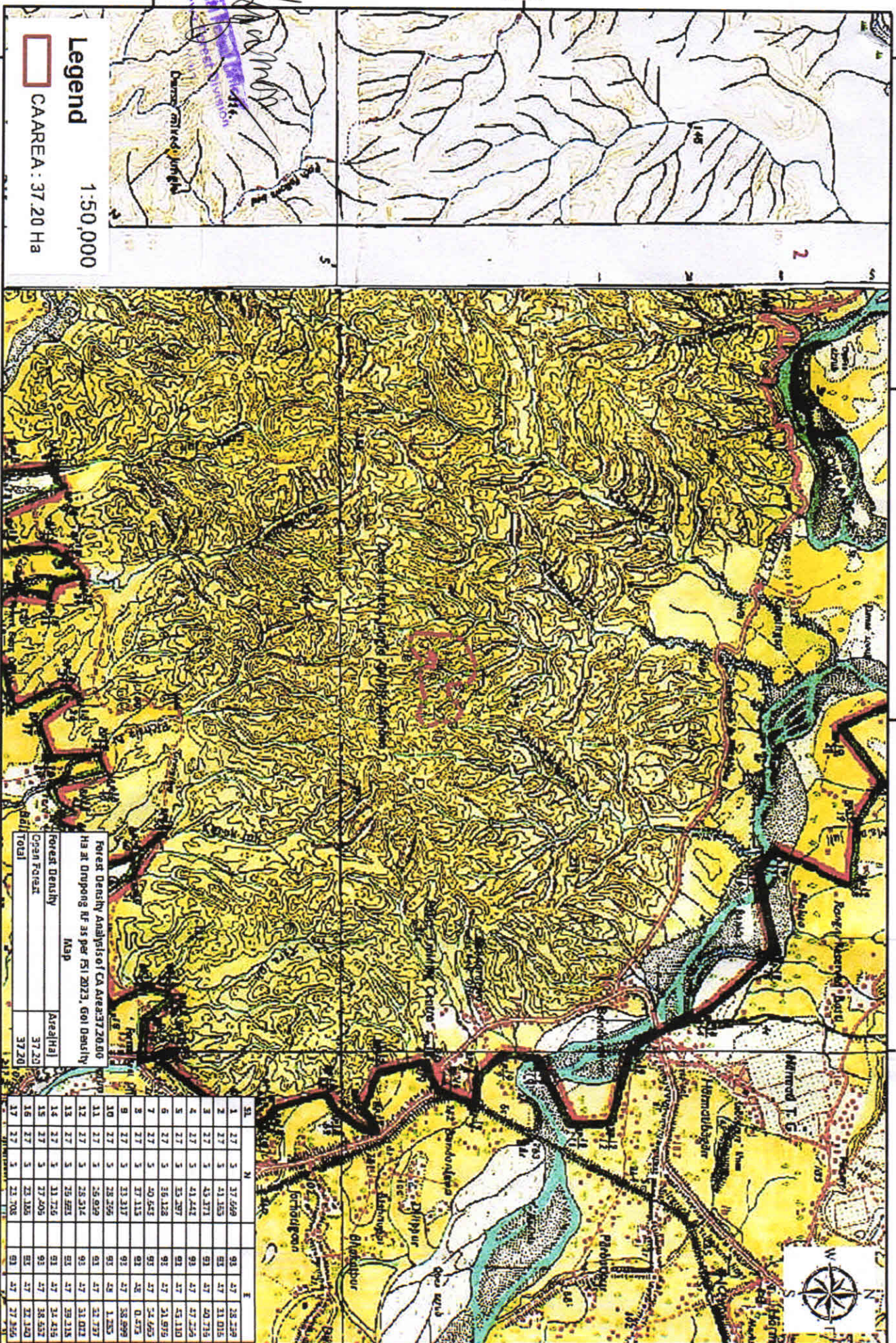
93°50'0"E

27°0'0"N

27°0'0"N

27°0'0"N

27°0'0"N

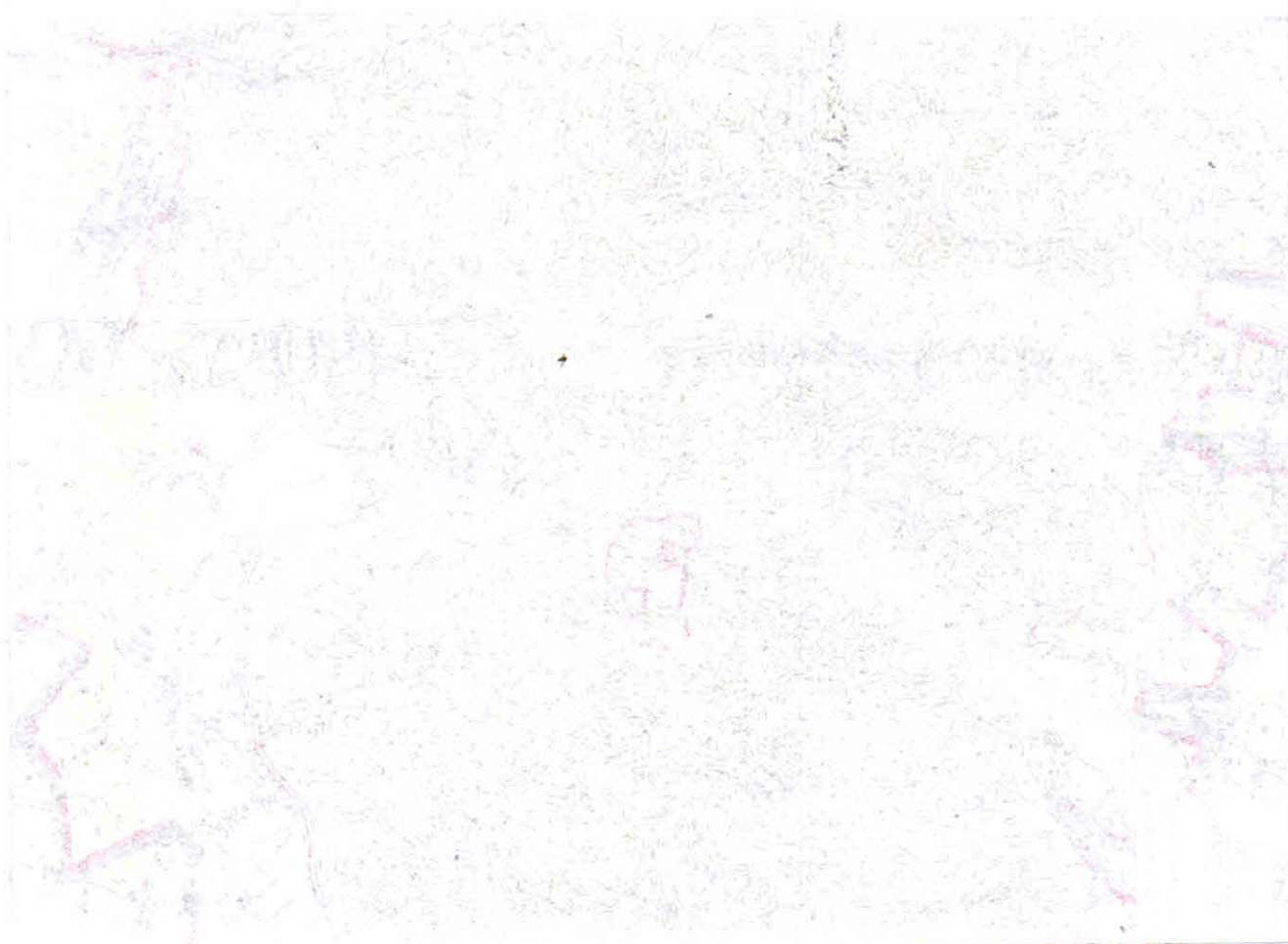


Legend
1:50,000

CAAREA: 37.20 Ha

Forest Density Analysis of CA Area: 37.20 Ha at Drupong Rt as per FSI 2023, 601 Density

Sl.	N	E
1	27	37.666
2	27	41.165
3	27	43.371
4	27	41.444
5	27	35.287
6	27	35.128
7	27	40.445
8	27	37.115
9	27	23.317
10	27	28.256
11	27	26.629
12	27	28.314
13	27	25.683
14	27	31.726
15	27	37.205
16	27	22.188
17	27	21.708
18	27	21.708
19	27	21.708
20	27	21.708
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99	27	21.708
100	27	21.708



ESTIMATE FOR RAISING COMPENSATORY AFFORESTATION PLANTATION UNDER BANDERDEWA

FOREST DIVISION
Name of project Widening/improvement of Hunli-Metengliang-Hayuliang road
 from 158.00 km to 165.00 km.
User Agency : BRTF
Location of CA : Drupong RF
Area of CA : 18.6 x 2 = 37.20 ha
Wages rate (DL) : 600/-

		Unit	Qty	Rate	Amount	
A	Creation of Nursery					
	Cost of seedlings @ 1100 Nos. / ha.	ha	40920	31	1268520	
1	1ST YEAR OPERATION					
	Survey & demarcation and preparation of map @ 4 mandays/ ha.	ha	37.20	3000	111600	
	Sub Total					
2	2ND YEAR OPERATION					
	(i) Erection of barbed wire fence (5 strand) fencing per 100 Rmt.	Rmt	3400	287.78	560832	
	(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.	10230	31.0	317130	
	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	37.20	95700	3560040	
	(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) Preparation of thala by uprooting of debris by hoeing around pits @ 22 mandays/ha					
	(v) Carrying of sapling to the planting site i/c planting of sapling @ 30 mandays (Area II) & 20 mandays (Area-I)/ha					

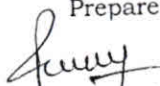
	(vi) Making of inspection path 1mtr wide @ 3 mandays/ha					
	(vii) Fire line cutting 3mtrs wide along the periphery @ 5 mandays/ha					
	(viii) Tending - 4 weeding @ 12 mandays/weeding/ha					
	Add 10% escalation value on total of item 4(i) to 4(viii)					
5	3RD YEAR OPERATION	ha	37.20	32400	1205280	
	(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	37.20	25740	957528	
	(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	37.20	11760	437472	
	(i) Tending - 1 weedings @ 12 mandays/weeding/ha					
	(ii) Maint. of inspection path @ 1 manday/ha					
	(iii) Maint. Of fire line @ 1 manday/ha					
	Add 40% escalation value on item 7(i) to 7(iii)					
8	6TH YEAR OPERATION	ha	37.20	12600	468720	
	(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	37.20	4800	178560	
	(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	37.20	5100	189720	
	(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	37.20	5400	200880	
	(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	37.20	5700	212040	
	(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) @ 18000/- for Area-I & Rs.19000/- 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	a) Const. of OBT labour shed (2 room) for workers at Plantation site subject to a minimum area of 15 ha and upto 25 ha beyond 25 ha one room to be added for every 13 ha or part thereof at proportionate cost.	No.	1.00	650670	650670	
	b) Maint. Of OBT hut @ 25% of the const. Cost per year from 4th year to 6th year including escalation value by multiplying factor					
	1.3 for 4th year					
	1.4 for 5th year					
	1.5 for 6th year					

16	Approach foot track to plantation in area where necessary	Rmt	2000	8.69	17380	
17	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 to16 plus Nursery cost to meet the unforeseen expenditure Rs.13468372/-				2020256	
18	Provision for soil and moisture conservation structures (where needed) @ Rs. 9522/- per ha.	ha	37.20	9522	354218	
				Total	15842846	
				or say Rs.15842800		

(Rupees one crore fifty eight lakh forty two thousand eight hundred) only

Prepared by



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



Nodal Officer (FCA)

RESTRICTED

Headquarters
Chief Engineer
Project Udayak
PIN Code 931 715
C/o 99 APO

20007/2071/AE/H-M-H Road/Km 158 to Km 165/ 02 /E2 Estg

30 Mar 2020

HQ 48 BRTF
PIN- 930 048
C/o 99 APO

ADMINISTRATIVE APPROVAL FOR CONSTRUCTION OF NEW ROAD TO NHDL SPECIFICATION & MAJOR, MINOR PMT BRIDGES INCLUDING LA, FC & SHIFTING OF UTILITIES FROM KM 158.000 TO KM 165.000 ON HUNLI-METENGLIANG-HAYULIANG ROAD UNDER 116 RCC/48 BRTF (P) UDAYAK IN ARUNACHAL PRADESH STATE

1. In pursuance to the revised powers delegated to Chief Engineer vide Ministry of Defence (BR Wing) letter No. MoD (BR) F.No.04/696/2015/D&P(BR-I) dated 11th Aug 2017, I hereby accord the Administrative Approval and expenditure sanction for "Construction of new road to NHDL specification & Major, Minor Pmt Bridges including LA, FC & shifting of utilities from km 158.000 to km 165.000 on Hunli-Metengliang-Hayuliang road under 116 RCC/48 BRTF (P) Udayak in Arunachal Pradesh State" at an estimated cost of Rs 2712.81 Lakhs (Rupees Twenty Seven Crore Twelve Lakh and Eighty One Thousand only) as per details in the annexure to this letter.

(a) Cost of departmental work	-	NIL
(b) Cost of Execution Contract	-	Rs 2712.81 lakh
Total	-	Rs 2712.81 lakh

2. The expenditure on the work is debitable to Major Head 5054.02.337.03.00.53 Other GS Road and code head 069/14.

3. The work has been assigned Job No. M-3606/UDK/02/2019-20 which may please be quoted in all future correspondence on the subject.

4. This is issued with the concurrence of AO (P) Udayak vide ID No. A/UDK/IFA/AE/RAE/152/2019-20 dated 30 Mar 2020.

(Jitendra Prasad)
Chief Engineer
Project Udayak

Encls: 02 Sheets.

Copy forwarded to :-

1. HQ ADG (East), BRO Complex, Jhalukbari, Guwahati, Assam-781 014
2. HQ DGBR/East Dte, Seema Sadak Bhawan, Ring Road, Delhi Cantt, New Delhi-10
3. ACDA (P) Udayak, C/o 99 APO
4. AO 48 BRTF, C/o 99 APO
5. 116 RCC, C/o 99 APO

Internal:-

6. E2 (Plg)
7. E2 Wks
8. E5 Budge
9. Adm Approval file

Annexure-V

(235)

**GOVT. OF ARUNACHAL PRADESH
RURAL WORKS DEPARTMENT**

No.-

PROFORMA FOR HANDING OVER OF COMPLETED / ONGOING WORKS

No.	Particulars / Items	Remarks
1	Name of Work	P.W.D. Road to Matliang. (Stage-I)
2	Length of Road	Total Length :- 8.05 Km., But from P.W.D. Road (Take off Point of P.M.G.S.Y. Road) to Ch 3.115 Km. = 3.115 Km. length is handing over.
3	Administrative Approval & Expenditure Sanction(AA & ES) No. With Amount	RWD/PMGSY/145/2009-10 Dtd 25th June, 2009., Rs.684.39 Lakhs. For length of 8.05 Km. (For Formation cutting, Cross drainages, Protection work and 24.00 Mtr. span Bridge.)
4	Liabilities if any	Nil
5	Forest clearance	No any details are available in this Division.
6	Type of Road	Village Road.
7	Status of Road	a) Formation Cutting :- 3.115 Km. b) Breast Wall/Retaining Wall :- B / Wall :- 54.30 Mtr. R / Wall :- 124.10 Mtr. c) R.C.C. Slab Culvert with Return / Wing Wall :- 10 Nos. d) 24.00 Mtr. span Vailey Bridge with both side approach slab and 4 Nos Wing Wall (Total Length of Wing Wall :- 41.95 Mtr.) :- 1 No. e) Drain :- Nil
8	Date of Completion.	Work is not yet complete. At present, There are no liabilities at this portion (Ch. 0.00 Km. to 3.115 Km.)
9	Location of Road	Ch.0.00 Km. to 3.115 Km. (details attached) Annexure- 1 :- Details of assets. Annexure- 2 :- Reduced Level / Gradient details Annexure- 3 :- Bearing details.
10	Reference of Technical Sanction given by Chief Engineer, R.W.D. Itanagar, A.P. (For 8.05 Km. length.)	RWD/PMGSY/145/2009-10 Dtd. 25th June, 2009., Rs.684.39 Lakhs.
11	Handed over to	B.R.O.

Handed over

Taken over

Executive Engineer
Rural Works Division
Hawai.

Commander (H.Q.),
C/O 99 A.P.O., 48 B.R.T.F.,
Pin:- 930048

Taken over By :