

GOVERNMENT OF ASSAM
OFFICE OF THE PRINCIPAL CHIEF CONSERVATOR OF FORESTS AND
HEAD OF FOREST FORCE:: ASSAM
PANJABARI :: GUWAHATI

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No.FG.27/Nodal/Proposal/Kumnagar S.Q. No.1/N.K. Divn.

Dated Ghy, the 1st February/2019

To,

✓ The Additional Principal Chief Conservator of Forests (Central),
Govt. of India, Ministry of Environment Forests & Climate Change
North Eastern Regional Office, Law-U-Sib,
Lumbatngen, Near M.T.C. Workshop, Shillong-793021.

Sub:- **Proposal for diversion of 5.0 ha. of forest land for operation of Kumnagar Stone Quarry No.1 under North Kamrup Division, Rangia in favour of DFO, North Kamrup Division.**

Ref: Govt. of India letter No. 3-AS B 019/2019-SHI/3430-31,dated. 22/01/2019.

Sir,

With reference to the subject cited above, I am submitting herewith the additional information/ clarification sought by Govt. of India, MoEF & CC, Regional Office, Shillong letter No. 3-AS B 019/2019-SHI/3430-31,dated. 22/01/2019 as below for your perusal and onward necessary action.

Govt. of India letter No. 3-AS B 019/2019-SHI/3430- 31,dated. 22/01/2019	Information Provided
Point No. (1)	The reply of the Sl. No.10 of Govt. of Assam forwarding letter No. FRS.264/ 2018/ 39,dated. 21/12/2018. There is no violation of the Forest Conservation Act,1980 in the area proposed for diversion.
Point No. (2)	A fresh approach road is not required for running of the proposed 5 Ha. Kumnagar Stone Quarry No.1 as the proposed area located in the USF area are well connected by an existing road used by the public for going to the cultivation field . A report received for DFO, North Kamrup Division, Rangia vide his letter No. A/MHL/2192-93,dated. 17/01/2019 is enclosed as Annex-I .
Point No. (3)	The original copy of Part-III form duly signed by the Chief Conservator of Forests, Central Assam Circle, Guwahati (Copy enclosed as Annex-II). The Compensatory Afforestation Scheme and safety zone scheme has been verified by the undersigned with original. A countersigned copies of Compensatory Afforestation scheme and Safety Zone scheme is enclosed herewith as Annex-III & Annex-IV

In view of the above, it is requested to kindly grant the “**In-Principal Approval**” in respect of the proposal for diversion of 5.0 ha of forest land for operation of **Kumnagar Stone Quarry No.1 under North Kamrup Division, Rangia** at your earliest convenience.

Encl:- As stated above.

Yours faithfully,



(Dr. Satyendra Singh, IFS)

Chief Conservator of Forest & Nodal Officer. (F.C. Act)
O/o the Principal Chief Conservator of Forests and
Head of Forests Force, Assam

Annex-I
17/1/2019

GOVERNMENT OF ASSAM
OFFICE OF THE DIVISIONAL FOREST OFFICER:: NORTH KAMRUP DIVISION::
RANGIA

Letter No A/MHL/2192-93.

Dated. 17/01/2019

To,

The Chef Conservator of Forests (T)
Central Assam Circle, Guwahati-29.

Sub:- Regarding status of approach road to the Kumnagar Stone Quarry No.1.

Ref:- (1) This office letter No. A/MHL/1969-72, dated. 15/12/2018.
(2) RO Sila letter No. S/89/Stone Mahal/651, dated. 17/01/2019.

Sir,

In continuation of my earlier letter as mentioned above. I have honour to inform you that the present status of the approach road to the Kumnagar Stone Quarry No.1 as follows:-

The mining contract area located in the USF area are well connected by an existing road used by the public for going to the cultivation field. hence , no further diversion of forest land for extraction path required.

This is for favour of your kind information and necessary action.

Yours faithfully



Divisional Forest Officer.
North Kamrup Division, Rangia.


Copy to the Chief Conservator of Forests & Nodal Officer (F.C Act), O/o the PCCF & Head of Forest Force, Assam Panjabari Guwahati-37 for favour of his kind information and necessary action.



Divisional Forest Officer,
North Kamrup Division, Rangia.

PART-III**(To be filled by the concerned Conservator of Forests)**

1. Whether site where the forest land involved is located has been inspected by concerned Conservator of Forests (Yes/No).
If yes, the date of inspection & observation made in form of inspection note to be enclosed. **Yes. Inspected the proposed Kumnagar Stone Quarry No.1 on 12.12.2018 along with DFO, North Kamrup Division and field staff of North Kamrup Division. Site inspection note attached herewith.**
2. Whether the concerned Conservator of Forests agree with the information given in Part-B and the recommendation of Deputy Conservator of Forests. **Yes. I agree with the information furnished by DFO, North Kamrup Division in Part-II.**
3. Specific recommendation of concerned Conservator of Forests for acceptance or otherwise of the proposal with detailed reasons. **The diversion of the proposal 5.0 hectare of Kumnagar USF area may be accepted for operating the proposed minor mineral concession area for extraction of stone for developmental purposes.**


 (Hirdesh Mishra) IFS
 Chief Conservator of Forests (T)
 Central Assam Circle
 Guwahati-29

Date: 14.12.2018

Place: Guwahati-Assam

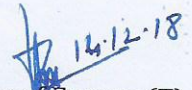
Office Seal

Chief Conservator of Forests (T)
 Central Assam Circle, Basistha
 Guwahati-29

Site inspection note of Chief Conservator of Forests (T), Central Assam Circle of proposed Kumnagar Stone Quarry NO.1 in North Kamrup Division.

On 12.12.2018 inspected the proposed Kumnagar Stone Quarry No.1 in North Kamrup Division along with Divisional Forest Officer, Forest Ranger, Sila Range and field staff of North Kamrup Division. The proposed stone quarry is located in Kumnagar USF of Sila Range of North Kamrup Division, Assam.

The proposed quarry is located in a rocky hilly area. The vegetation in the proposed area consists of shrubby vegetation only having no tree growth on the top of the hillock. The proposed area is having good stock of Minor Minerals and the area has been exploited for extraction of stone in the past and further extraction of stone is not likely to cause any damage to the local biodiversity of the area. As there is adequate quantity of stone in the proposed area for extraction, the proposed area may be considered for stone quarrying to meet the developmental needs of the state of Assam.


Chief Conservator of Forests (T)
Central Assam Circle
Guwahati-29

Estimate for the creation and maintenance of 5.0 Ha. Compensatory Afforestation at Dakhin Mandakata of district Kamrup, Assam against diversion of forest land for Kumnagar Stone Quarry Area no. 1 Mahal under North

Kamrup Division

Area(Ha.)	-	5.0 Ha.
Species (m X m)	-	2x2
Number of saplings/Ha.	-	2500
Length of Fence (R.M)	-	625
Wage Rate for the 1st year (Rs.)	-	250
Increase in wage rate for subsequent years by a		1.1
Appreciation of material costs by a factor		1.1

Sl. No.	Particulars of works	Units	Qty/ Ha.	Total Qty	Rate / Unit	Amount (Rs.)
A.	ERECTION OF FENCING	@Rs. 250/DL				
	a) Cost of full chain -linked Goat Proofing Fencing (4' ht with 10 Gauge 3" dia link) to be fitted on Pre-cast RCC pillars at 1.8 mt. apart including transportation of fencing materials to site 625 RM @ 800 per RM as per estimate.	RMs		625	800	5,00,000
	b) Wages of DLS for carrying, fitting, fixing etc. of fencing materials @ 20 DLs/100RM	DLs		125	250	31,250
	Sub-Total =					5,31,250
B.	INFRASTRUCTURE IN PLANTATION AREA					
	Construction of camp hut	Nos.		1	50,000	50,000
	Installation of ring/tube well (at least one upto 10 ha. & thereafter two per every 25 ha.).	Nos.		1	50,000	50,000
	Cost of tools & implements (One unit upto 25 ha. & thereafter one unit per every 25 Ha.)	nos.		1	10,000	10,000
	Camp accessories @Rs.10,000/- per camp.	nos.		1	10,000	10,000
	Construction of Inspection Path 250 RM @Rs.50/- RM	RMs		250	50	12,500
	Sub-Total =					1,32,500
C.	ADVANCE WORK					
	Site selection, surveying, demarcation, jungle cutting, burning etc. @ 20 DLs/Ha	DLs	20	100	250	25,000
	Preparation and acquisition of polypot saplings in the field nursery for planting 2500 nos. seedling/ha. @ Rs. 6/- per polypot.	nos.	2500	12500	6	75,000
	Preparation of polypot saplings in the field nursery for vacancy filling.					0
	a) 25% mortality expected during 1st year (to be planted in the field during the 2nd year) i.e. 625 seedling/ha. @ 6.5/per polypot.	nos.	625	3125	6.5	20,313
	b) 20% mortality expected during 2nd year (to be planted in the field during the 3rd year) i.e. 500 seedlings/ha.@ 7/- polypot.	nos.	500	2500	7	17,500
	c) 15% mortality expected during 3rd year (to be planted in the field during the 4th year) i.e. 375 seedlings/ha.@ 7.5/polypot.	nos.	375	1875	7.5	14,063
	Cost of Bamboo, making of stacking & transportation etc.	LS				5,000
	Line alignment, carriage of stacking materials and fixing the stacking @ 5 DLs/ha.	DLs	5	25	250	6,250
	Sub-Total =					1,63,125

CREATION & 1ST YEAR MAINTENANCE					
Soil working, carriage of stumps, pollypot seedlings & Planting at the plantation site including dibbling of seeds wherever neccessaary to complete raising of plantation with all necessary operation @ 40 DLs/Ha.	DLS	40	200	250	50,000
5 weeding, mulching and fire protection works @ 18 DLs ha/weeding.	DLS	90	450	250	1,12,500
Maintenance and protection of field nursery and watch and ward for the plantation area (1 DL for 365 days)	DLS	1	365	250	91,250
Sub-Total =					2,53,750
E. 2ND YEAR MAINTENANCE	@Rs. 264/DL				
5 weeding, fire protection works @ 10 DLs ha/weeding.	DLS	50	250	264	66,000
25% vacancy filling by 1 year old seedlings from nursery @ 10 DLs/ha.	DLS	10	50	264	13,200
Maintenance and protection of field nursery and watch and ward for the plantation area (1 DL for 365 days)	DLS		365	264	96,360
Sub-Total =					1,75,560
F. 3RD YEAR MAINTENANCE	@Rs. 290/DL				
4 wedding, fire protection works @ 8 DLs ha/weeding.	DLS	8	160	290	46,400
20% vacancy filling by 2 year old seedlings from nursery @ 8 DLs/ha.	DLS	8	40	290	11,600
Maintenance and protection of field nursery and watch and ward for the plantation area (1 DL for 365 days)	LS		365	290	1,05,850
Sub-Total =					1,63,850
G. 4TH YEAR MAINTENANCE	@Rs. 319/DL				
4 weeding, fire protection works @ 8 DLs ha/weeding.	DLS	8	160	319	51,040
15% vacancy filling by 2 year old seedlings from nursery @ 6 DLs/ha.	DLS	6	30	319	9,570
Maintenance and protection of field nursery and watch and ward for the plantation area (1 DL for 365 days)	DLS		365	319	1,16,435
Sub-Total =					1,77,045
H. 5TH YEAR MAINTENANCE	@Rs. 350/DL				
Climber cutting, weeding and other silvicultural works and fire protection works @ 5 DLs / ha.	DLS	5	25	350	8,750
Maintenance of camp huts, implements, ring/tube well, upkeepment of plantation, signboard, documentation & upkeepment of records etc.	Ls				15,000
Watch and ward for the plantation area (1DL for 365 days)	DLS		365	350	1,27,750
Sub-Total =					1,51,500
I. 6TH YEAR MAINTENANCE	@Rs. 385/DL				
Climber cutting, other silvicultural works and fire protection works @ 5 DLs / ha.	DLS	5	25	385	9,625
Contingency	Ls				5,000
Sub-Total =					14,625
J. 7TH YEAR MAINTENANCE	@Rs. 423/DL				
Climber cutting, other silvicultural works and fire protection works @ 5 DLs / ha.	DLS	5	25	423	10,575

	Maintenance of camp huts, implements, ring/tube well, upkeepment of plantation, signboard, documentation & upkeepment of records etc.	Ls				15,000
	Contingency	Ls				5,000
	Sub-Total =					30,575
K.	8TH YEAR MAINTENANCE	@Rs.465/DL				
	Climber cutting, other silvicultural works and fire protection works @ 5 DLs / ha.	DLs	5	25	465	11,625
	Contingency	Ls				5,000
	Sub-Total =					16,625
L.	9TH YEAR MAINTENANCE	@Rs.511/DL				
	Climber cutting, other silvicultural works and fire protection works @ 5 DLs / ha.	DLs	5	25	511	12,775
	contingency	LS				724
	Sub-Total =					13,499
M.	10TH YEAR MAINTENANCE	@Rs. 562/DL				
	Climber cutting, other silvicultural works and fire protection works @ 5 DLs / ha.	DLs	5	25	562	14,050
	Sub-Total =					14,050
	Total =					18,37,954

Abstract

Erection of fencing	-	5,31,250
Infrastructure in Plantation Area	-	1,32,500
Advance works	-	1,63,125
Creation & 1st year maint.	-	2,53,750
2nd year maintenance	-	1,75,560
3rd year maintenance	-	1,63,850
4th year maintenance	-	1,77,045
5th year maintenance	-	1,51,500
6th year maintenance	-	14,625
7th year maintenance	-	30,575
8th year maintenance	-	16,625
9th year maintenance	-	13,499
10th year maintenance	-	14,050
	Total	18,37,954
50% Over Head Cost of Compensatory Afforestation	-	9,18,977
	Grand Total	27,56,931

Technically Approved
 10.12.18
 Chief Conservator
 Central /

Submitted
 Divisional Forest Officer

Countersigned

Chief Conservator of Forests
 (Nodal & FC Act)
 O/o the PCCF & HoFF, Assam
 Panjabari, Guwahati- 37

ESTIMATE FOR 0.8 HA PLANTATION FOR CREATION OF SAFETY ZONE ALONG MINING BOUNDARY
KUMNAGAR STONE QUARRY NO. 1


Area (ha)	=	0.8 HA
Spacing (m X m)	=	2 X 2
Number of Saplings/ ha	=	2500
Length of Fence (RM)	=	1500 m
Wage rate for the 1st year (Rs.)	=	250
Increase in wage rate for subsequent years by a factor	=	1.1
Appreciation of material costs by a factor	=	1.1

SL. No.	Particulars of works	Units	Qty./ Ha.	Total Qty.	Rate/ Unit	Amount (Rs.)
A	ERECTION FENCING					
	(a) Cost of 4-strand barbed wire fencing with 6 feet wooden post 1.5 mt. apart along the 7.5 m wide strip at periphery of mining area (inside allotted mining area), including transportation of fencing materials to site 1500 RM @ Rs. 115 per RM as per estimate	RMs		1500	115	172500
	(b) Wages of DLs for carrying fencing, fixing etc. of fencing materials @ 10 DLs/100 RM	DLs		150	250	37500
	Sub- total =					210000
B	INFRASTRUCTURE IN PLANTATION AREA					
	Cost of tools & Implements	Nos.		1	5000	5000
	Sub- total =					5000
C	ADVANCE WORK					
	Site selection, surveying, demarcation, jungle cutting, Burning etc. 20 DLs/ha.	DLs	20	16	250	4000
	Preparation and acquisition of ploypot saplings/stumps in the field nursery for planting 2500 Nos. Seedlings/ha. @ Rs. 8/- per ploypot/stump	Nos.	2500	2000	8	16000
	Preparation of polypot saplings in the field nursery for vacancy filling					
	a) 25% mortality expected during 1 st year (to be planted in the field during the 2 nd year) i. e. 625 seedlings/ha. @ Rs. 8/- per polypot/stump	Nos.	625	500	8	4000
	b) 20% mortality expected during 2 nd year (to be planted in the field during the 3 rd year), i. e. 500 seedlings/ha @ Rs. 8/- per polypot/stump	Nos.	500	400	8	3200
	Sub- total =					27200
D	CREATION & 1 ST YEAR MAINTENANCE					
	Soil working, carriage of stumps, polypot seedling and planting at the plantation site including dibbling of seeds wherever necessary to complete raising of plantation with all necessary operation @ 40 DLs/ha.	DLs	40	32	250	8000
	5 weeding, mulching and fire protection works @18 DLs/ha/weeding	DLs	90	56	250	14000
	Contingency					5000
	Sub-total =					27000
E	2 ND YEAR MAINTENANCE					
	5 weedings, fire protection works @ 10 DLs/ha/weeding	DLs	50	40	275	11000
	25% vacancy filling by 1 year old seedlings from nursery @ 10 DLs/ha	DLs	10	8	275	2200
	Contingency	LS				5000
	Sub-total =					18200

SL. No.	Particulars of works	Units	Qty./ Ha.	Total Qty.	Rate/ Unit	Amount (Rs.)
F	3 rd YEAR MAINTENANCE					
	4 weedings, fire protection works @ 8 DLs/ha/weeding	DLs	32	25	303	7575
	20% Vacancy filling by 2 year old seedlings from nursery @ 8 DLs/ha	DLs	8	6	303	1818
	Maintenance of fencing	LS				15000
	Contingency	LS				5000
	Sub-total =					29393
G	4 th YEAR MAINTENANCE					
	4 weedings, fire protection works @ 8 DLs/ha/weeding	DLs	32	25	333	8325
	Maintenance of fencing	LS				15000
	Contingency	LS				5000
	Sub-total =					28325
H	5 th YEAR MAINTENANCE					
	Climber cutting, weeding & other silvicultural works and fire protection works @ 5 DLs/ha	DLs	5	4	366	1464
	Maintenance of fencing	LS				15000
	Contingency	LS				5000
	Sub-total =					21464
	Grand-total					366582

Technically Approved
 12.12.19
 Chief Conservator of Forests
 Central Assam Circle,
 Guwahati-20

Divisional Forest Officer
 North Kamrup Division, Rangia

Countersigned


Chief Conservator of Forests
 (Nodal & FC Act)
 O/o the PCCF & HoFF, Assam
 Panjabari, Guwahati- 37