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# Government of Jammu & Kashmir Office of the Pr. Chief Conservator of Forests & HoFF Jammu & Kashmir Forest Department

The Chief Executive Officer,
National Authority,
Ministry of Environment Forest and Climate Change,
Government of India,
New Delhi-110003.

No.PCCF/CAMPA/2021-22/12/3 1239

Dated 28 .07.2021

Sub: (i) Annual Plan of Operation (APO) for the year 2021-22 of Jammu and Kashmir State CAMPA, (ii) Additional APO Jammu & Kashmir for the year 2021-22 and (iii) Supplementary APOs 2021-22 to clear liabilities under CAMPA of Financial Year 2019-20-reg.

Sir.

This is with reference to the National Authority's communication F.No.NA-15/14/2020-NA dated 23.07.2021 on the above subject. The APO of J&K CAMPA amounting to Rs 59.46 Crore has been deferred by the National Authority seeking further details of the proposed works.

2. Accordingly, details in respect of each deferred component of the work (as per the communication) are enclosed herewith for kind information and necessary action. It may be mentioned that detailed proposal along with locations (coordinate/KMZ file) and cost estimates have been prepared by each DFO/Implementing Agency (IAs) in respect of the proposed works in APO 2021-22. However, since APOs of DFOs/IAs are bulky, only summary of the proposals has been sent to the National Authority for consideration.

Yours faithfully,

(Sarvesh Rai) IFS Addl. Pr. Chief Conservator of Forests/

> Chief Executive Officer J&K CAMPA

28/7

# PHYSICAL/FINANCIAL TARGETS UNDER CAMPA FOR THE YEAR 2021-22 (IN ACCORDANCE WITH CAF RULES-2018) OF NH-IA PROJECT, BATOTE

S. No.	to be treated = 90 Ha			
300 000	ACHI OF WOLKS	Phy.	Fin.	%age
i) Act	tivities covered under Rule 5(2) of CAF Rules-2018		(in lakh)	(
A.	Artificial regeneration			
1	Fencing (in lakh Rft)	0.273	19.869	1 Su
2	Plantation (in lakh)	01270	19.009	Sur Sur
	(a) Poly Bagged Plantation = 68200 Nos. = Rs. 2356388/- b) Agave Plantation = 90000 Nos. = Rs. 1390500/-	0.595	21.217	1
3	b) Agave Plantation = 90000 Nos. = Rs. 1390500/- Cutting (in lakh)	0.695	10.738	
4	Pasture Development	0.535	3,210	
-	(i). Patches in lakh	0.000	0.000	
	(ii).Plants in takh No. (grass slips)	0.095	0.664	
5	Seed balls (Nos)	0.339	2.831	
6		0.400	1.540	
7	Beating up of casualities Planting (Plants in lakh No.)	0.177	6.277	1 245
В	Plants Production (Plants in lakli No.)	1.210	14.138	(11-31)
1	Silvicultural Operation in Forests	0.00	0.00	(11-245
2	Tending operation	0.000	0.000	
C	Bush/Lantana clearance (in Ha)	0.000	0.000	
1	Protection of Plantations & Forests	0.000	0.000	96 0000
2	Management of Forest Boundaries	0.000	0.000	96.00%
3	Maintenance of old closures	0.000	0.000	
1	Restoration of forest boundaries by eviction of encroachment	0.000	0.000	
4	Enforcement of Forest Protection	0.000	0.000	1
	Contingency /Over Head expenses	0.000	5.500	2, smoved
D	Forest Fire Prevention & Control operation	8.000	3.690	1 -1 -1
E	Soil & Moisture Conservation works in Forests	0.000	0.000	graf ind
1	DRSM (in Cum)	1774	19.496	E- W
3	Crates (in Nos.)	409	43,725	
4	Land Surface dressing (Cum)	350	1.115	
5	Supply of FYM (Nos)	45	2,250	
6	Check Dam (Nos)	7	5.400	
7	Sand Bags (Nos)	0.015	1.050	
-	Purchase of Surface soil erosion control materials	0.000	20.000	=
F	Management of biological diversity and biological resource	0.000	0.000	
	Total of Rule 5(2) activities	0.000	182,710	
1) A	ctivities covered under Rule 5(3) of CAF Rules-2018			
1	Establishment, up-gradition and maintenance of modern nurseries and other planting stock production facilities for production of quality planting materials	0.000	0.000	
2	Casual engagement of local people or lubours to assist regular staff for works for protection of Forests (old closures)	9	7.290	
	Construction, upgradtion & maintenance of inspection paths, Forests roads, fire lines, watch towers, check posts (I path)	0.00	0.000	
4	Construction of residential & official buildings in forests for front line staffs deployed for protection of forests	0:000	0.000	4.00%
	Independent concurrent monitoring & evaluation & third party monitoring of various works under taken	0.000	0.000	
6	Survey & maping of Forests areas and preparation of munagement plans	0.000	0.000	
7	Purchase and maintenance of equipments for communication and Information Technology for forests protection	0.006	0.000	
	Publicity cum wareness programme & exhibitions	0.000	0.000	
	Total of Rule 5(3) activities	0.000	7.290	
	Total of Rule 5(2) and 5(3) activities	0.000	1146.50	

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Component wise detail of works proposed under CAMPA for the year 2021-22 as per ceiling conveyed by Additional Pr. Chief Conservator of Forests/Chief Executive Officer J&K CAMPA vide letter No. PCCF/CAMPA/APO-2021-22/FN.1125/2732-97 Dt. 26/09/2019.

Area to be Tackled 90 Hact.

#### General Abstract

4.	Artificial regeneration					
S.No.	Component	Area (in Ha)	Quantity	Rate	Amount (in Rs)	Geo- Coordinate
1	Fencing: Using Square fence post wire conforming to the product code GA corner be fixed in the cement concrete bl range of 0.1 - 0.4)	*HW at every 8th fe	DOM PROSE INFORMATION	this attractable lines are d	many of the Contract of the Contract of	
i	Co. 70/Udh. Kheri Slîp	20	6200	72.78/Rft	451236.00	N. 321570-00
ii	Co, 70/Udh, Morh	6	1800	72.78/Rft	131004.00	E 75" 921 86 N 32"5931 53
lii	Co. 22/Btt. Nashri Main Slip	17	5000	72.78/Rft	363900.00	E. 75*11/28-57 N. 33*8*11.99
II	Co. 22/Btt. Lower Nashri	10	3000	72.78/Rft	218340.00	E 75*189.57 N. 33" 8'38.13
iii	Co. 23/Btt. Bye Pass Peerah	10	3000	72.78/Rft	218340.00	E 75°18'17'38 N 33°10'7.22
vi	Co. 40/Rbn. Bain Slip	13	4000	72.78/Rft	291120.00	E-75*18*19*51 N. 33*16*9.27
vii	Co. 55/Rnl. Nachlana-II	14	4300	72.78/Rft	312954.00	N 11-21-13 21 F 73-10/40 73
	Total.	90	27300	-	1986894.00	- 12 10 10 10 12
(a)	Poly Bagged Plantation			F		W. 111107.32
(a)	Poly Bagged Plantation					
i	Co. 70/Udh. Kheri Slip	20	12000	29.34/Plants.	352080.00	N. 33°107'22 E 75°18'19'31
ii	Co. 70/Udh. Morh	6	4000	29.34/Plants	117360.00	N. 33' 841 99 L. 15' 18'9 57
iii	Co. 22/Bit. Nashri Main Slip	17	10000	29.34/Plants.	293400.00	N 75" 878 17 JK
îv	Co. 22/Bit. Lower Nashri	10	7000	29-34/Plants.	205380.00	N. 12/57/6/01 L. 75/9/21 8
Y	Co. 23/Bit. Bye Pass Pecrah	10	7500	29.34/Plants	220050.00	N 1215922.73 E 7511117.85
vi	Co. 40/Rbn. Bain Slip	13	8000	29.34/Plants.	234720.00	N 33716/11.34 E 75710/56 IV
vii	Co. 55/Bnl. Nachlana-II	14	8000	29.34/Plants.	234720.00	大丁を明になりてはからまって
viii	Co. 36/Rbn. Panthyal-I	0	2000	29.34/Plants.		N 13°19'27 4X E 35°11'36.96
ix	Co. 40/Rbn, Monkey Morh	0	1000	29.34/Plants.	29340.00	N 33"16'05.58
x-	Extra for Mech. Carriage including head le plants from SPRI Schoogar/Jammu as per l	oad carriage of PB ead/distance.		- 1	376000.00	E 73"10"18 91
	Total.	90	59500		2121730.00	
(b)	Agave size (30cm x30cm 30cm) (colle	ected locally and f	rom own nurse	ries as well)		
i	Co. 70/Udh. Kheri Slip	20	10000	15.45/Plants	154500.00	N. 331107 22
Ii	Co. 70/Udh. Morh	6	3000	15.45/Plants.	46350.00	E 73"18"19.51 N. 33" 8'41.99
iii	Co. 22/Btt. Nashri Main Slip	17	8000	15.45/Plants:	123600,00	E 75"(8"9.57 N: 33" 8"38.13
iv	Co. 22/Btt. Lower Nashri	10	5500	15.45/Plants	84975.00	E 75"1817.38 N 32"579.00
v	Co. 23/Btt. Bye Pass Peerah	10	8000	15.45/Plants:	123600.00	E 75° 9'21.8 N. 32°59'22.73
vi	Co. 40/Rbn. Bain Slip	13	7000	15.45/Plants.	108150.00	E 79/11/17/85 N. 33/10/8/24
	The state of the s		ESCHOOL SER	, and the second property of the second	1.7.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.	N 07/21/41/27

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viii	Co.35/Rbn. Magerkote Co. 36/Rbn. Panthyal-I	3000	15.45/Plants.	46350.00	N. 33°19'35.89 E. 75°12'20.58
X	Co. 36/Rbn. Panthyal-II	5000	15.45/Plants.	77250.00	N. 33°19'27'48 E. 75°11'56'66
хi	Co. 40/Rbn. Monkey Morh	3000	15.45/Plants.	46350.00	E (301150.07
xii	Co. 40/Rbn. Tunnel-T2	5000	15.45/Plants.	77250.00	E. 75"10.58.91
xiii	Co. 73/Udh. Banti Pull	2000	15.45/Plants.	30900.00	N 32157'5.27 E 75" 9'22 98
	Total,	3000	15.45/Plants.	46350.00	N 33°1449.22 E 75°12'59.63
3		69500	7	1073775.00	
S.No.	Ipomea/Vitex/Popular/Salix/Mulherr				
	Component	Quantity	Rate	Amount (in Rs)	Geo- Coordina
i	Co. 70/Udh. Kheri Slip	10000	6/Plant	60000.00	N. 337107.12 E.7571810.11
ii	Co. 70/Udh. Morh	3000	6/Plant	18000.00	N 33° 8'41.00
lií	Co. 22/Btt. Nashri Main Slip	9000	6/Plant	54000.00	E. 75°18°9 57 N. 33° 8'38.13
īv	Co., 22/Btt. Lower Nashri	6000	6/Plant	36000.00	E 75°18'17.38 N 32°57'6.00
v	Co. 23/Btt. Bye Pass Peerah	7000	6/Plant	42000.00	E 751921.8 N. 3219922.73 E 7511117.85
vi	Co. 40/Rbn. Bain Slip	7500	6/Plant	45000.00	N 33*169(24 L 75*10'56 39
vii	Co. 40/Rbn, Monkey Morh	3000	6/Plant	18000.00	N. 23*16'95 58 F. 75*10'38.91
viii	Co. 40/Rbn. Tunnel-T2	2000	6/Plant	12000.00	- Commence
ix	Co. 73/Udh, Banti Pull	2000	6/Plant	12000 00	
X	Co. 22/Btt. Nashri Near Check Post	4000	6/Plant	24000.00	N 3390733.85 L 2571748.06
	Total.	53500	0	321000,00	-
4	Grass slips (soil binder grass Viz. Vetivers, I availablity)	Napier. Saccharum munj	a & Arundo dona	ax & other species	subject to
S.No.	Component	Quantity	Rate	FIRST STATE OF THE RESERVE OF THE RE	Geo- Coordinates
i	Co. 70/Udh. Kheri Slip	4000	6.35/Slip.	25400.00	N, 33*10'7.22 E 75*10'10.51
ii	Co. 70/Udh. Morh	2000	6.35/Slip.	12700.00	N 11" 8'41 00 E 75"18'9.57
iii	Co. 22/Btt. Nashri Main Slip	5000	6.35/Slip.	31750.00	N 331 8138 11
iv	Co. 22/Btt. Lower Nashri	2000	6.35/Slip.	12200.00	L 75°18°17'38 N 32°57'6'00
v	Co. 23/Btt. Bye Pass Peerah	5900	6.35/Slip.	27465 00	E 75° 921.8 N. 32°5922.73
vi	Co. 40/Rbn. Bain Slip	5500	6.15/8lip	- 11 Per 12 Per	N. 33*16'8.24 E. 75*10'36-19
vii	Co. 40/Rbn. Monkey Morh	4000	6.35/Slip.	25,100,00	N. 33°16'05.58
viii	Co. 40/Rbn. Tunnel-T2	1500	6.35/Slip.	0525.00	E. 75°10'38.91 N. 32°57'5 Z7
0.035	Co. 73/Udh. Banti Pull	2000	6.35/Slip.	12700.00	E 751 972 98 N 3311449 22
ix		-1/1/1/	THE PERSON NAMED IN	12700.00	75(1239.6)
ix x	Co. 22/Btt. Nashri Near Check Post	2000	6.35/Slip.	12700.00	N 33/07/53/85
	Co. 22/Btt. Nashri Near Check Post Extra for extraction, collection, Purchase & MT. Ca	F-X*707817	6.35/Slip 2/Slip	12700.00 67800.00	N 33'07'53.85 C 75'17'48.06

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5	Patch Sowing (Deodar,Chir	,Kail,Melia,Ma	khan,Santha,v	valnut, & Ana	rdana etc area specifi	c size 45 cm x 45c	m x 15cm)
ì	Co. 70/Udh. Kheri Slip			1000	6.99/Patch.	6990.00	N 32°576.00
ii	Co. 70/Udh, Morh			2000	6.99/Parch.	13980.00	E 75° 921.80 N. 32°5931.5
iii	Co. 22/Btt. Nashri Main Slip			2000	6.99/Patch	13980.00	N 33º 8'41.9
iv	Co. 22/Btt. Lower Nashri			1000	6.99/Patch	6990.00	N 130 838 1
v	Co. 23/Btt. Bye Pass Peerah			0001	6.99/Patch.	6990.00	E 75°18'17.3 N 33°10'7.2
vi	Co. 40/Rbn. Bain Slip			1000	6.99/Patch		E 75°18'19'5 N 33°16'9'27 E 75°10'56'
vii	Co. 55/Bnl. Nachlana-II			1500	6.99/Patch.		4 1 1 1 1 1 1 1 1
	Tota	1.		9500		C. STATISTICS STATES	E 2511040.7
6	Seed balls :-			2500		66405.00	
i	Preparation of seed balls including complete)	ost of seed (All op	erations	40000	2.85/ball	114000.00	7.2
II	Extra for Mech carriage / Head load/ ever required	broad Casting/Di	bbling where	40000		TE 200,102	
	Total.			40000	1/ball	40000.00	1/21
7	Beating up of casualties	Planting /DE	C. II bit. d.			154000.00	
ĭ	Co. 73/Udh, Morh Camp	2018-19	16500	800	20.2479		N. 33 59'06 26
ii	Co. 73/Udh. Prem Mandir	2018-19	8000	400	29.34/Plants	24205.00	E 75 11'08 24 N 33 01'30 8
iii.	Co. 55/Bul. Nachlana	2018-19	12000	600	29.34/Plants.		E 75 15'05.84 N. JJ 21'23.0
iv	Co. 55/Bni. Monia	2018-19	16000	800	29.34/Plants. 29.34/Plants.		E. 75 1018.21 N. 33 21 44.3
v	Co. 22/Bit. Nashri Tunnel	2019-20	3000	400	29.34/Plants.	23470.00	F 75 11:02.25 N 33 07:46.34
vi	Co. 22/Bit Nashri Forest CP	2019-20	3990	600	29.34/Plants	13200.00	E 75 1734 10 N 23 0783 0
vii	Co. 47/Bnl, Shanan Nallah	2019-20	5000	700	29.34/Plants.	17604.00 20538.00	E 75 1748.00 N 33 3017.43
viii	Co. 55/Hnl. Wagan	2019-20	3000	400	29.34/Plants	11736.00	E 70 11110 99 N 22 22 00 01
ix	Co.70/Udh. Thald-II	2020-21	6000	1500	29.34/Plants.		E. 75 11/12/32 N. 32 51/30/13
x	Co. 22/Btt. Opposite Nashri Funnel-II	2020-21	9000	2000	29.34/Plants.		E. <i>1</i> 3 09/51/81 N. 37 07/42/74 E. 75 17/28/74
XI	Co. 13/Bit. Dharmound	2020-21	5000	1000	29.34/Plants		N 33 0913.61
xii	Co. 47/Rbn. Kundi	2020-21	10000	2500	29.34/Plants	77750.00	E 75 14/56/55 N. 33 12/41/40
XIII	Co. 40/Rbn. Dakhi	2020-21	11000	2000	29.34/Plants.	59690.00	F. 75 16'42 52 N. 33 16'16,74 E. 75 11'08 11
xiv	Co. 47/Bnl. Hingni	2020-21	12000	2000	29.34/Plants.	58680.00	N. 33 21'07.6 E. 75 10'44 96
XV	Co. 55/Bnl. Wagan-II	2020-21	9500	2000	29.34/Plants.	58680.00	N. 33 2201 6 E. 75 11 32 57
xvi	Extra for Mech carriage of Poly bugg bagged plants.	ed Plants from S	FRI & Own nu	rseries/ Head Io	ad Carriage of poly	106200.00	(*)
	Total	1.		17700		627713.00	- 80
8	Plants Production (Nurs						
ì.	Raising of plants during the	year 2020-21					
S. No.	Name of Nry.		unit	Phy.	Rate	Amount	Remarks.
1611	Samroli Nursery		NR pp	30000	7 44/plant	223200.00	-
a.	Common Symboly		PB Grass Stip	30000	8 03 plant 6 35 patch	240900.00 3175.00	-
			NR	30000	7.44 plant	223200:00	•
b	Nashri Narsery		PB	70000	8 03 plant	240900 00	
				500	6 35 putch	3175.00	

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b. Na S. iii. Proins To C P I Co To D Fo S. No.  1 En fire 2 Cr i. Co.	ashri Nursery ashri Nursery Total.  urchase of Root trainer, RT Stands, Shade Ne estallation and Construction of compost pits etc.  otal, 7 (i+ii+iii)  rotection of Plantation & Forest ontingency otal.  orest Fire Prevention & Control ope item of work	t	Phy. 63000 40000 105000 L/s	Rate 2.66/plant 2.66/plant L/s	Amount 172900.00 106400.00 279300.00 200000.00 1413850.00	
S. iii. Proins  To  C P  1 Co  To  D Fo  S. No.  1 En  fire  2 Cr  i. Co.	Total.  urchase of Root trainer, RT Stands, Shade Ne stallation and Construction of compost pits etc otal. 7 (i+ii+iii)  rotection of Plantation & Forest ontingency otal.  orest Fire Prevention & Control ope item of work	t & its	105000	2 66/plant	279300.00 200000.00	*
iii. Proins  To C P  I Co To D Fo S. No.   I En fire  2 Cr i. Co.	urchase of Root trainer, RT Stands, Shade Ne stallation and Construction of compost pits etc otal. 7 (i+ii+iii)  Protection of Plantation & Forest ontingency otal.  orest Fire Prevention & Control ope item of work	t	5.00		279300.00 200000.00	
To C P I Co To S. No. 1 En fire 2 Cru i. Co.	otal. 7 (i+ii+iii)  Protection of Plantation & Forest ontingency otal.  orest Fire Prevention & Control ope item of work	t	L/s	L/s	200000.00	
C P I Co To To To S. No.  1 En fire 2 Cr i. Co.	rotection of Plantation & Forest ontingency otal. orest Fire Prevention & Control ope item of work				1413850.00	
I Co	ontingency otal. orest Fire Prevention & Control ope item of work				1413850.00	
D For S. No.  1 En fire 2 Cr	ontingency otal. orest Fire Prevention & Control ope item of work					2
D Fo S. No. 1 En fire 2 Cr	orest Fire Prevention & Control ope item of work	ration				
1 En fire 2 Cr	item of work	ration		L/s	550000.00	
1 En fire 2 Cr	item of work	5 43 1 10 211			550000.00	
2 Cr	gagement of fire watchers in fire		Ountie			
2 Cr		damin's	Quantity	Rate/-	Amount	Remarks
2 Cn	e season (5 persons for 4 months = 20 months)	25 11	20	6750/ month	135000.000	16
I. Co.	cation of Permanent Fire lines 10 mtr wid	th.		0.000.000.000.000	152,000.000	
	. 73/Udh. Prem Mandir	2.57	1	29250		
	89/Dudu, Chela		1	29250	29250.00 29250.00	
	. 22/Btt. Champal Kund . 28/Btt. Peerah-H		1	29250	29250.00	
	38/Rbn, Badwan		1	29250	29250.00	-
-	47/Rbn. Kundi			29250	29250.00	-
	55/Bnl, Nachlang		4	29250	29250 00	
	55/Bnl. Wagan-H		1	29250	29250.00	
	Total.	_	1	29250	29250.00	740
- 100	Salation of the Control of the Contr		8		234000.00	-
	otal.				369000.000	-
E So	oil & Moisture Conservation wo	rks in	Forest			
1 DF	RSM work					
i Co.	. 23/Bit. Bye Pass Peerah		195	1099/Cum	214305.00	N 3371077.22
ii Co.	22/Btt. Nashri Main Slip		210	1099/Cum	230700.00	N 33" 8'41 99
in Co.	27/Btt. Lower Nashri		90	1099/Cum	09010.00	E 73°18°9 37 N 33° 8'38.13 E 73°18'17'38
iv Co.	. 70/Udh. Kheri Slip		200	1099/Cum		N 32°576.00
y Co.	. 70/Udh. Morh		90	1099/Cum		L. 751921.0 N. 3215922.73 F. 7511117.85
vi Co.	. 40/Rbn, Bain Slip		215	1099/Cum	226285.00	N. 33"16'8:24
1000	. 55/Bnl. Nachlana-II		170	1099/Cum		N 33°21'43.23 E 75°10'56 34
viii Co.	.35/Rbn. Magerkote		130	1099/Cum	142970.00	N 33*1935.89 C 75*12'20.50
	. 36/Rbn. Panthyal-I		86	1099/Cum	04514.00	N: 33*19'27.48
	. 36/Rbn. Panthyal-II		160	1099/Cum	175940.00	E 75°11'50.00 N 33°19'11 23 E 75°11'50.07
	. 40/Rbn. Monkey Morh		88	1099/Cum	0(712.00	N 33"16'05'58 N 33"16'05'58 N 75"16'38.91
	. 40/Rbn. Tunnel-12		90	1099/Cum		N 32 375 27 N 12 375 27
1	o, 73/Udh. Banti Pull		50	1099/Cum	£40±0 00	N 33°14'49'22 E 75°12'34'63
	Total.		1774	- 1	1949626.00	7
		1	24	CLOU	14 Project	

2	Land Surface dressing inc	luding levelling,	filling of gull	ies and romave	d of boots
i	Co. 22/Btt. Nashri Main Slip		200	318.59/Cum	CONTRACTOR OF THE PARTY OF THE
ii	Co. 40/Rbn. Bain Slip		25.5%		03/18.00 E 75°189.5
	Total.		150	318.59/Cum	47788.00 N 33°169.2
3	Supply of FYM Purchase	Farm vard manure 6	350	- 1	111506.00
	loading/ unloading, MT carriage	, headload and its sp	reading on the s	rs which includes a	all operations viz: collection
i	Co. 70/Oan. Kheri Slip		10		
ii	Co. 70/Udh. Morh. Slip			5000/traffy	50000.00 N 52°576.0
iii	Co. 22/Btt. Nashri Main Slip		.5	5000/traffy	25000.00 N. 32050/22 E. 75/11/17
iv	Co. 23/Bit. Bye Pass Peerah		10	5000/trally	50000.00 N 13° 8'41 F 75° 18'9.57
v	Co. 40/Rbn. Bain Slip		10	5000/trally	50000 00 N 31 1072
	Total.		10	5000/trally	50000.00 N 33º16°0.27
4		0 0506	45	- 1	225000.00 -
i	Check dam (As per PWD s	chedule rate)			0.00
	Co. 22/Btt. Nashri Main Stip		2	90000/Nos.	180000.00 8 337 841 9
ii	Co. 70/Udh. Morh Slip		2	90000/Nos.	180000.00 E 75°18°0 57
iii	Co. 40/Rbn. Tunnel-T2		2	45000/Nos.	E 75°11'17 8
iv	Co. 14/Bit. Champa		1	90000/Nos.	90000.00 E. 751 922 98
	Total.		7		90000.00 N 32°0746.9
5	Sund bags. (Act as harrier to re-	duce the run off velo	ocity and control	soil erosion)	540000.00
	Co. 70/Udh. Morh Slip		1000		20000 on N 12°5922 72
	Co. 23/Btt. Bye Pass Peerah			70/Bug	- 0 0 0 0 1 1 1 7 E-11-12 H2
	Total.		1500	70/Bag	33000.00 H.75"(K10.5)
6	Crate work		1500		105000.00
1	Co. 23/Btt. Bye Pass Peerah	10x4x4	25	7500/Nos.	187500.00 N 37°107.72
*	Co. 23/Bu. Bye Pass Peeran	20x4x4	20	15000/Nos.	300000.00 E.75°18'19 51
ii	Co. 22/Btt. Nashri Main Slip	10x4x4	40	7500/Nos.	300000.00 N 33 X41 00
**	E SESSE SON, LEWYSON OF THE RESERVE	20x4x4	35	15000/Nos.	525000.00 L. 75"189.57.
iii	Co. 22/Btt. Lower Nashri	10x4x4	16	7500/Nos.	120000.00 N 33" 8'38 (5
	Let - Secretification (Allow English	20x4x4	15	15000/Nea.	225000.00 12.7521817.39
iv	Co. 70/Udh. Kheri Slip	10x4x4 20x4x4	35	7500/Nos. 15000/Nos.	262500.00 N 32576 60
	A BARTH LA	10x4x4	30	7500/Nos.	450000,00 E 251 921 8
V.	Co. 70/Udh. Morh	20x4x4	25	15000/Nos.	225000.00 N. 32*5922.7 375000.00 E. 75*11*17.8
475	C- 10/01- D-2-07	10x4x4	15	7500/Nos.	112500.00 N 22°16'8 24
vi	Co. 40/Rbn. Bain Slip	20x4x4	13	15000/Nos	195000.00 1: 75°10'30 35
	2 1002 0	10x4x4	10	7500/Nos.	75000.00 N 337214123
vii	Co. 55/Bnl. Nachlana-II			The second of th	# 10 to 10 t
vii	Co. 55/Bnl. Nachlana-II	20x4x4	- 5	15000/Nos.	75000.00
5547	Co. 55/Bnl. Nachlana-II  Co.35/Rhn. Magerkore	10x4x4	13	7500/Nas.	97500.00 N 33°1935 W
5547		10x4x4 20x4x4	13	7500/Nos. 15000/Nos.	97500.00 N 33°19'35 86 90000.00 E 75°12'20 58
Δiii		10x4x4 20x4x4 10x4x4	13 6 15	7500/Nos. 15000/Nos. 7500/Nos.	97500.00 N 33°1935 B 90000.00 E 75°1220 S8 112500.00 N 33°1931 22
/iii ix	Co.35/Rbn, Magerkote	10x4x4 20x4x4	13	7500/Nos. 15000/Nos.	97500.00 N 33°1935 B 90000.00 E 75°1220 58 112500.00 N 33°1931 2 150000.00 E 75°31 50°07 97500.00 N 33°1695 51
/iii ix x	Co.35/Rbn, Magerkote - Co. 36/Rbn, Panthyal-II -	10x4x4 20x4x4 10x4x4 20x4x4	13 6 15 10	7500/Nas. 15000/Nas. 7500/Nas. 15000/Nas.	97500.00 N 33°1938 W 90000.00 E 75°12'20 58 112500.00 N 33°19(1 2 150000.00 E 75°11'50 0° 97500.00 N 33°16'03.39 E 75°10'38 91 97500.00 N 32°37'2'2'
/iii ix x xi	Co. 35/Rbn. Magerkote  Co. 36/Rbn. Panthyal-II  Co. 40/Rbn. Monkey Morh  Co. 40/Rbn. Tunnel-T2	10x4x4 20x4x4 10x4x4 20x4x4 10x4x4	13 6 15 10 13	7500/Nos. 15000/Nos. 7500/Nos. 15000/Nos. 7500/Nos.	97500.00 N 33°10'35 H 90000.00 E 75°12'20 58 112500.00 N 33°19'11 22 150000.00 E 75°11'50 07 97500.00 N 33°16'03 35 E 75°10'38 91 97500.00 N 32°775 27 97500.00 N 32°775 27
ix x xi	Co. 35/Rbn, Magerkote  Co. 36/Rbn, Panthyal-II  Co. 40/Rbn, Monkey Morh	10x4x4 20x4x4 10x4x4 20x4x4 10x4x4	13 6 15 10 13	7500/Nos. 15000/Nos. 7500/Nos. 15000/Nos. 7500/Nos.	97500.00 N 33°1938 W 90000.00 E 75°12'20 58 112500.00 N 33°19'11 2 150000.00 E 75°11'50 0' 97500.00 N 33°16'03 9 975000.00 N 33°16'03 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
/iii ix x xi xii	Co. 35/Rbn. Magerkote  Co. 36/Rbn. Panthyal-II  Co. 40/Rbn. Monkey Morh  Co. 40/Rbn. Tunnel-T2	10x4x4 20x4x4 10x4x4 20x4x4 10x4x4 10x4x4	13 6 15 10 13 13	7500/Nos. 15000/Nos. 7500/Nos. 15000/Nos. 7500/Nos. 7500/Nos.	112500.00 N 33°19(1)23 150000.00 E 75°11′50.07 97500.00 N 33°36′05.35 E 75°10′38.91

Nertonal Highway A project

7	Purchase of Surface soil erosion control man Geotextile mat of woven and non waven and its complete surface dressing, levelling, filling of gullies, removal of bout top of the bund, preparation of U shape hooks and wooden its fixing, supply of FYM/ vermi compost, planting of plant seeds & installation of last year pending soil erosion control	installation on g dders, making o posts for fixing	f anchor trench at of fibre logs and	2000000.000					
	Total of Rule 5 (2) activiti			18271064.0	8271064.0				
(**)	Say			182.71 lac	_				
(II) A	ctivities covered under Rule 5 (3) o	f CAF R	ules-2018						
S. No.	Items	Quantity	Pate/	Amount de	F4.75				
1	Casual engagement of local people or labour to assisst re	gular staff for y	vorks for protection	Amount (in	KS)				
	wages of 9 Nos. Need based Casual labour @6750/month	9 Casual Labour	6750/	729000.00	es)				
	for watch & ward of closures	Lanour	THOUGH I	1,000,000,000	-				
	Total of Rule 5 (3) activities.	Labour	month	The return of the re-	_				
	Total of Rule 5 (3) activities.	Lunour	month	729000.00					
		Labour	month	The return of the re-	*				

Project Officenojec, National Highway-1A Project, Partonal Batote.

# PROJECT OFFICER NH-1A PROJECT BATOTE COMPENSATORY AFFORESTATION WORKS PROPOSAL FOR THE PERIOD 2017-18 to 2021-22 PROPOSED YEAR WISE PHYSICAL & FINANCIAL TARGETS.

S. No.	ltern of work	Uni	t Unit cost	in 1st Year	(2017-18)	and Yea	r (2018-29)	3rd Yea	r (2009-20)	4th Year (2)	(20-21)	5th Year	(2021-22)	To	tal.
		1 120		Phy.	Fin.	Phy.	Fin.	Phy.	Flet.	Phy.	Firt.	Phy.	Fin.	Phy.	Fin.
A	Plantarion Component									7-3/2					
-1	Freeing														
- 1	Outvaried live fitouried	RY.	90/91	193	00 2179	ooel	of:	1 7		e e		11 27300	29/66500	39170	31300
9	Black Annualed Surfact Wire	Wit	2278/PH	75	-		30992	00 14750	1,990	KI SLAGE	251410	-		861000	217168
	5. Total,	74	1		0 17168					-			1986900	116300	1373950
18	F Nagert	Non	29.34/hos				241100								
ly	SK Bakin:	Non	2317 Fior			The state of the s		Contract of the Contract of th		6 84530		9 39500	212,700	3(9) 97	3G1550 3476
- 9	Agest	des	15.45/this						4			0 65500	9279400	193/70	29977
14	Yenday	Hes	6.35/Nos	3600			200	Green Controls	95,800	0 0		1 1554	BAY MELEC	30(95	12100
	(scree/lio citing	Non	6/0fgy	4500	E IGH	FG . 152	210	o 5700	960			5.9506	Ezizió	79100	405H
	Ditteg	Ves	7,08/40	100	10 ×	100		5 0	- ess.	0 0		2 6	- D	1100	300
	Potah Servany	Potoh	6.51/Page	300		100				2 30000		6 9530	55-00	44500	11110
	Gran Mg	Sky	6.35/Wo	101	0 8	(D) (E)		1 9		0 103.15	6410	0 1993	290.100	45135	211100
	Amerikkelle	No	3/7m1	1 73	0	9 1				o c	5	90000	224600	40100	15100
	Total.			1	115530	w .	410000	40400	4000000	100000	407020			0	
2	Sail Conservation works				41303	00 0	410980	0 791.90	1590703	192885	4079200	285900	40.20000	. 0	15155005
1	DRIBN work	0.0	1099/Cites	1	al	STATE STATE					100000			100000	
li i	application	Nes	-	36			548.00				170040		2943400	5171	6000
- 1	Parchase of Gas the for reat	100000	12000/hex	7	3 3150	00		4 114	250149	0 (817)	344540	0 436	#171500	3147	9632500
	The state of the s	Mile	1./1	1	3	2 0		0 0		D 5.04	85000	9 44	2000000	. 0	2810000
-	Land Serfein Annuag	Cum	STE SPICION	- 3		. 3		a 6		D Los		6 Hz	111503	i i	171500
	Chock Dept	Nos	As per PAG		1	w 3		o. 0		0		0. 2	540000	0	5/0000
19	States at L.E.M.	Nes.	5000/mile			8 0		0 0		2 3		0 15	321000	45	229000
44 3	Sind hage	Risc.	73/500			0 0		7		2	-	0 2500	101002		385000
1	Total		-		99300	-		1			Corn av				
4 1	Maintenance				99.900	G 0	64800	0 n	2852.275	2017	5079400	4085	9303500	/0	19874275
1 1	DUC in old Units	50	21.17/Figer	tares	Later Car	1							1 000000		
_	Raising of PE plants in Nurserius	Histo	STATE OF	wers	18900	1.9(0)	305000	×396.E	.227500	33900	203330	EF700	62,7790	3,22,64	1585200
- 1	Laisting of NR plants in Nurseries	_		9	7	. 0		85000		20363		123,300			
	Luising of PE phones in Nurrouses	Mos.	37431	0		0		40000	Farmer.	430(0)	2000	- 8		75010	1
	daint, of ski PH plants in Nurseries	No.	-	- 0	1-000	0		9000	* SQ-400	- 9	606900		1413800		2797190
	faint of shi NR plants in Nurseries	Teni	- 4	5000	i:	- 0		40000		(90C)		185000	1	44100	
	Other Works	to.		258		- 6				. 0	-	16		105258	
5 V	Votch & Word	1_00	0	0	- 1			2.0		. 0	16000	1		.0	
ii I	Fire Protection			α		Busines papaged Book macros prostine the prost	500	Eperson regaged for 4 months recently in the prome color	2794	Townson engaging for the months murdle or Employee seare	3/00	Species argument for 4 mercing months in fire prime amon	Jainette	0	1446)09
_						State in		Atafrice		Sarant of Alien Bire law		Coret, of \$ Kindler Street			
(30)	(alatemance of Old Cleouru (Repair of fencing)					1948	1290	8000	1000	1				8070	256920
	notingency/Over Head	0	0	- a						1	Frenk		F8000	D	1058000
Viral	opti of S Ken Nevi based Carad lieben: @8750-month for sich & word of docume	984	W/4	Pitem: Retail cancel driver for 12 to other for word: & word of CAMPA change	uexe	-	•	1	3				0	0	Asino
-	ub Total.		0	0	446000	0	623000	- 0	408920		0	D	0	0	486000
100	. Total of Planting Component:-		0	0	5874000	0	Contraction of the Contraction o		8021000	-	150B1000		18271000	0	56522000

Project Mighway Aprojet.

National Highway Aprojet.

Batote



			Unit	int Year !	2017-18)	2rst Year (2	018-19)	3rd Year (201)	9-20)	4th Year (2	020,211			-	FORM 1.
No.	Item of work	Unit	costin		Fin.	Phy.	Ric.	Phy.	Firs.	3.00 7.00 (0	one caj		r (2021-22)	Total	
Maria	Plantation Compone	mit		PHY.	Pril.	peny.	PIE	ray.	2 Pirts			Phy.	Fin.	Phy.	Fin.
	Other works.	286.		Northing of Harms Rep Brand and Cata, Lavyling, Lamons from Decreases of Harry Punger Other Works			0	((6		0		6			8100
11	Fire Protection			A person engaged for reven manuscrip for prove some	5400	j.	- 0	9	-					1	
184	Wagos of Fires. Keed band Canad labour 2007/Newsork for month & wall of elements	WA	WW			if Sand hand some) like or for 12 straffic in much A word of CAMPA frames	K95100	WiGodhand atom liferer life (2 months for recent 8 hard of CAMEA, above on	72900	# Word investment about Se 12 describe to word of CANSA observe	72100	Freehtend our at below Chief & County To ventor A ward of County of County	779000		385700
				() Right of Reserve of AT parts	45900		0			>					
				E. Contratues of Corpored will.						contraling 2 de irreca 4		1			
3	Enfrustructure			<ol> <li>Continuos of Design from weak of ACP (p).</li> </ol>		*				grets	196000		0	:0	640000
				<ol> <li>Contracts of maning will of polesi office</li> </ol>									1		
	5 Monitoring and evaluation	ī	-	Modisting cost enables to	1 8000	-	0	0		п	. 0	0			136300
	4 Survey & Democration			Survey de Democration	5000	-		0	- 0	0	a	0		-	5(000
	Training and Capacity Building			Training self-Capacity Switting	14000	5	9	o			0	o.		A	1 1199-00
- (	Over Hend		_				G						0	-	
	Propositi use Compute operate (§2.6104). Perposed. 4/2016 to 3/2016 — to 180000. Embeloy of respectively of the November			∵ Vages of Cine Computer operator to office	21500	Purchase of basics, Casses, Otto, Office enganes, Not. Office enganes, Not. Otto of which, wages of one speed based on great expenses; de after pufferoes and note.	250000	Chefford Repairs	250000		a		0	p	710000
	2), Office Expenses			[2] Sections, offer Med. and infrastrum expanses of PO Office \$40 ms. PCI. Material Conf. of Since Videols.											
	Non Plantation Component Total			0	96400	0	725009	n	979000	0	919000		0	0	4343000
; T	otal	4	-	0	6838000	.0	10000000	0	90000003	-0	16000000	0	19000000	n	60838000

National High Project A Project Batote

# Project Officer NH-1A Project Batote Compartment wise work proposed under Compensatory Afforestation Programme for the year 2021-22

Range	Compartment	Total area of Compartment (in Ha)	Area to be treated (Hact)	Fencing (Rft)	Plantation (Nos)	Agave (Nos	Ipomea/ Vitex cutting	Grass slip	Patch sowing	(Cum)	Surface dressing (Cum)	Land of the land o	Supply of FYM (Nos)	Sand bags (Nos)	Crate (Nos)
	Co. 22/8tt	316	27	8000	17000	13500	19000	9000	3000	300	200	2	.0	0	106
Jdh-Btt	Co. 23/Btt	218	10	3000	7500	8000	7000	5900	1000	195	0	0	.0	500	45
sector	Co. 70/Udh.	202	26	8000	16000	13000	13000	6000	3000	290	0	2	15	1000	120
sector	Co. 73/Udh.	150	0	Ü	O.	3000	2000	2000	0	50	0	0	3	0	15
	Co. 14/8tt	324	0	C	a	0	0	0	0	0	0	1	0	0	10
	Co. 40/Rbn	176	13	4000	9000	14000	12500	11000	1000	393	150	2	D	0	54
Rbn-Bnl	Co. 55/Bnl.	254	14	4300	8000	7000	0	0	1500	170	0	0	1	0	15
sector	Co. 36/Rbn	295	0	0	2000	8000	0	0	0	246	0	0	-	0	25
	Co. 35/Rbn.	397	0	0	0	3000	0	0	0	130	0	0	6	0	19
	Total.	20	90	27300	59500	69500	53500	33900	9500	1774	350	7	45	1500	409

Project Officer,

National Highway 1A Project

anton Batote.

	Year wise and	d Range wise a	abstract of	area to be tre	ated:-	
Range	2017-18 (Area in Ha)	2018-19 (Area in Ha)	2019-20 (Area in Ha)	2020-21 (Area in Ha)	2021-22 (Area in Ha)	Total (Area in
Udh-Btt. Sector	55	84	29	50	53	271
Rbn-Bnl. sector	25	51	20	56	37	189

	Year wise abstract of area to be treated:-							
Total	2021-22 (Area in Ha)		2019-20 (Area in Ha)	2018-19 ( <i>A</i> rea in Ha)	2017-18 (Area in Ha)			
460	90	106	49	135	80			

Project Officer,

National Highway 1A Project

Batote.

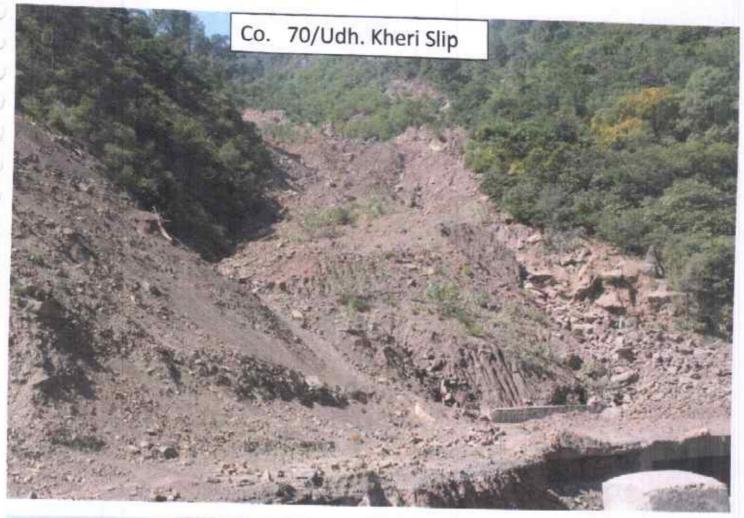
### COMPONENT :- NET PRRESENT VALUE

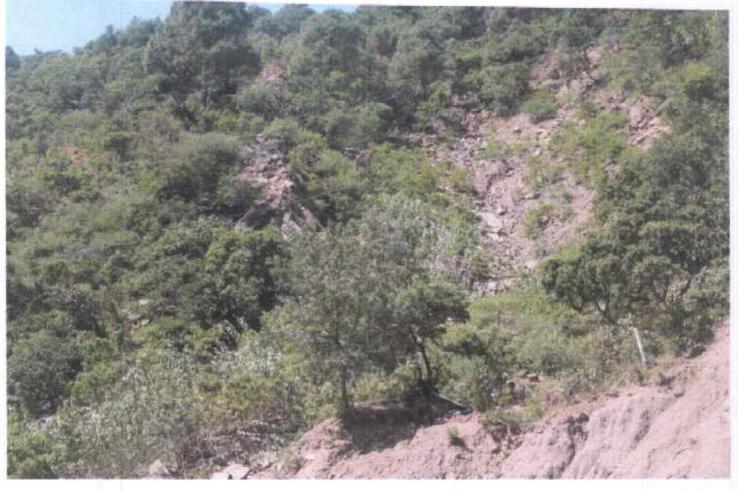
A Intervention site. Artificial Regeneration.

Management	Artificial Regeneration.	20							
ivaine and Location of Plant	ation Unit / into								
Description of site	ne and Location of Plantation Unit / intervention site.  cription of site				Co. 70/Udh. Kheri Slip				
Forest Type / species compo	ocition								
The state of the s	The Proposed site is devoid of vegetation due to cutting/widening of National Highway 44. House, etc.								
Density / Crown Cover		area are mostly Chir, Anardana, Sisso, Melia & Nerium et Less than 3%							
Slope / erosion status / soil cond	ition	re22 (1)9	11.3%						
The same state of the same	110/3	The soil is	Inose with gray	els havirie mode	If Die to stand of				
Factors of degradation of the for	0.45	often con	ne across with la	ndslides.	save to steep slopes, scanty rainfa				
Working Plan Prescription for the	interwentian site	The main	reason is widen	ng of four lanning	ng of National track				
		and the rather	sed intrevention	ns are in concor	on wational Highway.				
Consultation with Panchayat (spe	cific comments / moviments	The second second second							
	(Panchayat)	The pruse	sed intrevention	s are made in c	onsultation with the numerous				
rublem analysis									
		Highway i	mend practical at to use combina	olutions for stab	ilization of slopes along the Nation				
		being cost	effective, easy t	o maintain and	is in harmony with the currounder				
	Droposed to	area. Besi	de this, adopt mi	nor engineering	works as well.				
Item of work	Description / -	and est	imate cost						
encing	Legislation / type of work	Unit	Quantity	Rate	Estimated Cost.				
Planting (see	GI-BW at 10 ft spacing.	Rft	6200	72.78	451236.000				
	Planting in pits of size (45cm)	Nos	12000	70.74					
Extra for Mech. Carriage includir	by heart least merce a com-	-	100		352080,000				
The section of the se	ice.	(0,000)	12000		72000.000				
ants.	Planting in pits of size (30cm)	Nos	10000	15.45	154500.000				
omes/Vitex/Popular/Badai/	Collected locally & planted in the field	None	18000						
tilberry cutting	A SECTION AND ADDRESS OF THE PARTY OF THE PA	INUS	10000	6	60000,000				
rich Sowing	Sowing of seed in Patches of Size								
Endder /Grann stee		Nus	1000	6.99	6990.000				
Asset (1011)05 Sirps	partiaged cost of sline B in a stage of trenches	Slip	4000	6.35	25400.000				
	Further from sepust Januau/Aerostology								
	Division Jamma)								
Extra for extraction, collection, P	urchase & MT. Carriage @ Rs.2/slip.	slip	4000	2	8000.000				
	25.	2507	950W/		0000.000				
TOWN TO SERVICE STATE OF THE S	Construction of Dange's in gully / slip areas /		CT 100	1,111	***************************************				
		Cum	200	1099	219800.000				
ates	The Control of the Co	Nec	147	75.00	24244				
1000					262500.000				
ipply of FYM	7.511.00	333112	30	15000	450000.000				
	villagers which includes all operations viz:	or other							
	collection, loading/unloading, MT carriage,		10	5000	50000.000				
	headload and its spreading on the surface								
	headload and its spreading on the surface etc.								
MZ file of the proposed site	[[[[[[]]]]]] [[[[]]] [[[]] [[]] [[]] [		ttached.						
notographs of the site.	etc.	A	ttached.						
notographs of the site. te Inspection report and name. / esignation of officer having.	[[[[[[]]]]]] [[[[]]] [[[]]] [[]] [[]]	A field staff h	ttached.	tanak Singh, Ra	ange Officer, Batote-Udhampur				
notographs of the site. te inspection report and name./	the inspection of site has been done by the	A field staff h	ttached.	danak Singh, Ra	ange Officer, Batote-Udhampur				
	Density / Crown Cover Slope / erosion status / soil consistence / erosion status / soil consistence / erosion status / soil consistence / erosion for the Consultation with Panchayat (special froblem analysis / erosion / erosio	Density / Crown Cover  Slope / erosion status / soil condition.  Factors of degradation of the forest.  Working Plan Prescription for the intervention site.  Consultation with Panchayet (specific comments / requirements of Panchayet)  Proposed intervention  Item of work  Description / type of work  I. Fencing using 5q PCC Posts with 4 strand  GI-BW at 10 Ft spacing.  Planting / species  Extra for Mech. Carriage including head load carriage of PB plants from SFRI inagar/lammu as per lead/distance.  Planting of NR Plants / Agave ants.  Omeo/Vites/Popular/Badai/  Ulberry cutting  Sowing of seed in Patches of Size 45cm3/stch Sowing  Fodder /Grass slips  Collected locally & planted in the field.  Ulberry cutting  Sowing of seed in Patches of Size 45cm345cmx 15cm  Collection and planting of grass slips in trenches excluding cost of slips & its carriage in the field (Purchase from skatet Jammu/Agrostology Division Jammu)  Extra for extraction, collection, Purchase & MT. Carriage @ Rs. 2/slip.  In Conservation works  Extra 10x4x4-  20x4x4-  Purchase of Farm yerd manure from local	Density / Crown Cover  Density / Crown Cover  Less tha area are are solid per / erosion status / soil condition.  Factors of degradation of the forest.  Working Plan Prescription for the intervention site.  Consultation with Panchayat (specific comments / requirements of Panchayat)  The proprescription with Panchayat (specific comments / requirements of Panchayat)  Proposed intervention and est intercent in the proprescription of work in the proprescription of the pr	Density / Crown Cover  Density / Crown Cover  Slope / erosion status / soil condition.  Factors of degradation of the forest.  Working Plan Prescription for the intervention site.  Consultation with Panchayat (specific comments / requirements of Panchayat)  The proposed intervention prescription and estimate cost integration and estimate cost integration and estimate cost integration for the cost integration of the proposed intervention prescription for the intervention site.  Proposed intervention and estimate cost integration and estimate cost integration and estimate cost integration integration and estimate cost integration integration and estimate cost integration	Density / Crown Cover  Density / Crown Cover  Density / Crown Cover  Less than 3%  Less than 3%  The soil is loose with gravels having mode of the come across with landslides. Utter come across with landslides. Under mome across with landslides. The proposed interventions are in concording plan Prescription for the intervention site.  Consultation with Panchayat (specific comments / requirements of Panchayat)  Problem analysis.  Proposed interventions are made into respective area.  Proposed interventions are made into respective area.  Proposed intervention and estimate cost lightway is to use combination of native spheroid area. Bestide this, adopt meaning and area. Bestide th				

Project, Batter







COMPONENT: NET PRRESENT VALUE

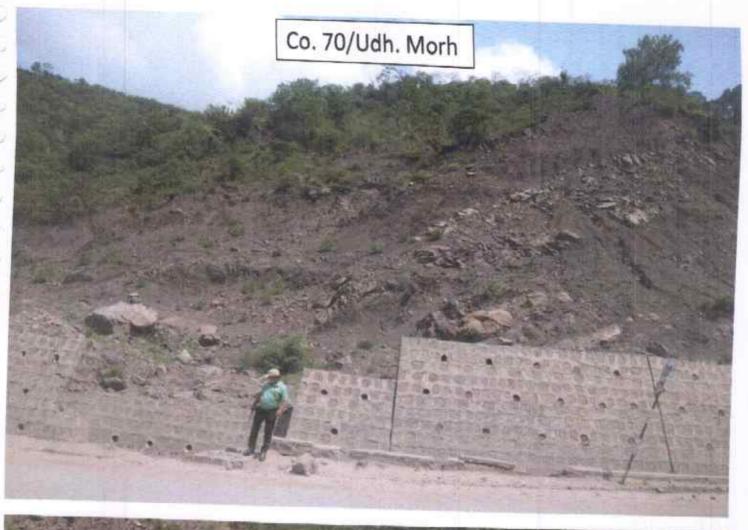
A Intervention site. Artificial Regeneration.

_		Of Ullicial Reveneration							
1	Name and Location of Plant:	Location of Plantation Unit / Intervention site. Co. 70/Udb. Morb							
2	Description of site	Co. 70/Udh. Morh							
a									
	Forest Type / species composition.			The Proposed site is devoid of vegetation due to cutting/widening of National Highway-44. However, the existing crops in and surrounding area are mostly Chir. Apardian. Co.					
ь	Density / Crown Cover		transport Francis and	hardana, Sisoo	, Melia & Norium etc.				
c	Slope / erosion status / soil cond	ition	Less tha	n 2%					
			The soil i	loose with grav	els having mod	erase to steep slopes, scanty rainf			
d	factors of degradation of the fore	DI.			TOTAL PROPERTY.				
3	Working Plan Prescription for the	intervention size	The main	reason is widen!	ng of four lanni	ing of National Highway.			
4			tue brobe	ased intrevention	s are in consor	nant with the working plan			
4	Consultation with Panchayat (spec	cific comments / requirements of Panchayat)							
-		o as a substitution of the	respective	osed intrevention	is are made in c	consultation with the panchayats o			
5	Problem analysis.		3537 5500						
	To recommend practical solutions for stabiling the process of the					pecies of trees, bushes and grasse			
6		Proposed intervention	A STATE OF THE PARTY OF THE PAR	A STATE OF THE PARTY AND PARTY AND ADDRESS OF THE PARTY AND ADDRESS OF	nor engineering	g works as well			
#	Item of work	Proposed intervention  Description / type of work		imate cost					
a	Fencing	Feering wing So PSS 0	Unit	Quantity	Rate	Estimated Cost.			
b	i. Planting / species	i. Fencing using Sq PCC Posts with 4 strand GI-BW at 10 Ft spacing.	Rft	1800	72.78	131004.000			
-	Management of Land Section 1997 (1997)	Planting in pits of size (45cm)	Nos	4000	29.34	117360.000			
	Estra for Mech. Carriage including head load carriage of PB plants from SFRI		Nos	4000	6	24000,000			
	Plants Plants / Agave	Planting in pits of size (30cm) <sup>3</sup>	Nos	3000	15.45	46350.000			
C	Ipomea/Vitex/Popular/Badei/ Mulberry cutting	Collected locally & planted in the field.	Nos	3000	6	18000.000			
đ	Patch Sowing	Sowing of seed in Patches of Size 45cmx45cmx15cm	Nos	2000	6.99	13980.000			
ė.	L Fodder /Grass slips	Collection and planting of grass skips in trenches	Slip	2000					
	TO THE STATE OF TH	excluding cost of signs & its carriage in the field (Purchase from skaust Jammu/Agrostology Division Jammu)	SHP	2000	6.35	12700.000			
	ii. Extra for extraction, collection, P	urchase & MT. Carriage @ Rs.2/slip.	slip	2000	2	4000.000			
f	Suil Conservation works				-	4000.000			
ı	DRSM	Construction of Danga's in gully / slip areas / Nallah treatment as a soil moisture conservation measure	Cum	90	1099	98910.000			
Ü.	Crates	10×4×4-	Nos	30	7500	225000.000			
		20v4x4=	Nos	25	15000	375000.000			
7	KMZ file of the proposed site.		A	ttached.					
8	Photographs of the site.		A	ttached.					
9	Site inspection report and name / designation of officer having inspected.	The inspection of site has been done by the sector alongwith Sh. Raj Kumar, Project Office	field staff l	neaded by Sh. N	Manak Singh, F	lange Officer, Batote-Udhampu			
10	Over lapping with works done / proposed under any other scheme (Yes/No)			No.					

National Handle Project,



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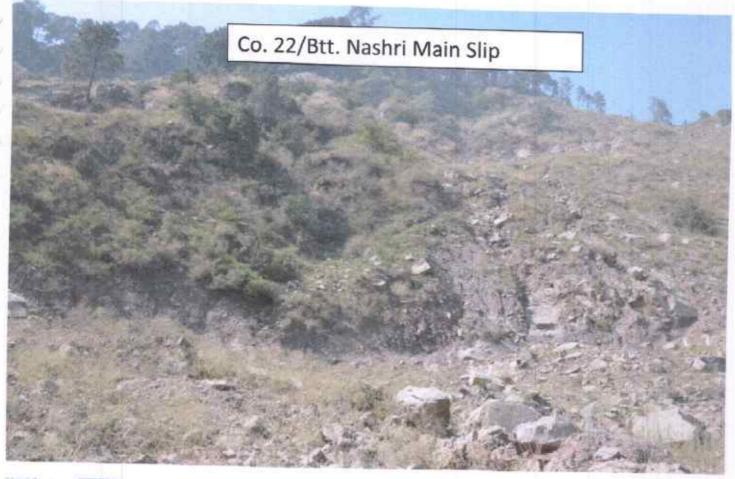
#### COMPONENT :- NET PRRESENT VALUE

A Intervention site. Artificial Regeneration.

	CHO.	minimal Resemenation						
1	I warme and Location of Plant	ation Unit / Intervention site. Co. 22/Bit Norbei Main D.						
2	Incast include of 2016	site and the passion reasons with the passion reasons and the passion reasons are the passion reasons and the passion reasons are the passion reasons						
a	Forest Type / species compo	cition.						
	link the second	zaidon.	The Pro	posed site is de	runid of some	A CONTRACTOR OF THE PARTY OF TH		
			Nationa	Highway-da	radict of Ashers	tion due to cutting/widening of		
			The Proposed site is devoid of vegetation due to cutting National Highway-44. However, the existing crops in an area are mostly Chir, Anardana, Makhan, Allanthus, Am					
b	Density / Crown Cover		oan, Allanthus, Amlook & Sisco					
C	Slope / erosion status / soil	man dist	less tha	0.1%		The State of the S		
					4.1			
d	Factors of degradation of the	_	often cor	ne across with la	reis having niods	erate to steep slopes, scanty rainf		
3	Working Plan Proceedings of the	e forest.	The main	COnson is well to	masudes.	100.110.110.110.110.110.110.110.110.110		
5.50	Working Plan Prescription fo	r the intervention site.	The prop	orad in wider	ing of four famou	ng of National Highway.		
4			prescript	www.mitteventia	ns are in conson	ant with the working plan		
	Panchayat)	(specific comments / requirements of						
			respective	e area	ns are made in c	onsultation with the panchayats o		
3	Problem analysis.							
			To recom	mend practical s	olutions for stab	disation of slopes along the Nation		
			Highway)	s to use combin	ttion of native sp	ilization of slopes along the Nation secies, of trees, bushes and grasse		
б			Destrik Cost	effective, easy	o maintain and	secies of trees, bushes and grasse is in harmony with the surroundin		
. D.		Proposed int	area, Besi	de this, adopt m	nor engineering	works as well.		
11	Item of work	Proposed intervention	and est	imate cost				
a	Fencing	The of Mork	Unit	Quantity	Rate	-understanding response		
	-	I. Fencing using Sq PCC Posts with 4 strand	Rft	5000	72.78	Estimated Cost.		
b	Planting / species	GI-BW at 10 Ft spacing.		1100	74.70	363900.000		
1		Planting in pits of size (45cm)	Nos	10000	29.34			
- li	Planting of NR Plants / Agave	ig head load carriage of PB plants from SFRI	Nos	10000		293400.000		
	lants / Agave	Planting in pits of size (30cm)	Nos	8000	6	60000.000		
		77.555000	100	8000	15.45	123600.000		
9	pomea/Vitex/Popular/Badai/	Collected locally & planted in the field.	Nos	200				
	dulberry cutting	The second secon	NOS	9000	6	54000.000		
d P	Patch Sowing	Sowing of seed in Patches of Size						
_		45cmx45cmx15cm	Nos	2000	6.99	13980.000		
e 1	Fodder /Grass slips	Collection and planting of grass stips in trenches	with.	U SPERIEZ	0.5.5	13980.000		
		excluding cost of slips & its carnage in the field	Slip	5000	6.35	\$1750.000		
- 1		(Purchase from skasse Jammu/Agrostology						
-	121 22	Division Lammu)						
	Extra for extraction, collection, P.	urchase & MT. Carriage @ Rs.2/slip	slip	5000	2			
1 2	oil Conservation works		ang	3000	2	10000.000		
0	RSM	Construction of Danga's in gully / slip areas /			_			
		Nallah treatment as a soil moisture	Cum	210	2000	Management (Management		
		conservation measure	Sum	210	1099	230790.000		
ri C	rates	10x4x4=	Nos	40	11/00			
		20x4x4-	Nos Nos	40	7500	300000.000		
t	and Surface dressing	Land surface dressing including all operation viz.	1403	35	15000	525000.000		
		manual levelling of land, filling of guines and	Cum	200	777 50	*****		
		removal of boulders etc.	Cum	200	318.59	63718.000		
III C	heck flam	A small dam constructed across a dramage ditch or	Nos					
-		channel to lower the velocity of run off which allows.	7405	2	90000	180000.000		
		sediments to settle out			20000	1110000.000		
iv 5	upply of FYM	Purchase of Farm yard manure from local villagers	Nos					
		which includes all operations vic. collection, loading/	DOMESTIC.	70	Express	F8888		
- 1		unitracting. MT carriage, heartings and its enceoding		10	5000	50000.000		
*	424 27 17 27	on the surface etc.						
	MZ file of the proposed site		A	ttached.				
_	hotographs of the site.		A	ttached.				
	ité inspection report and name /	The inspection of site has been done by the	ield staff h	earled by Sh. A	famak Sinoh O	unne Officer Bresse Udhan		
	lesignation of officer having	sector alongwith Sh. Raj Kumar, Project Office	the sterr to	caueu dy Str. N	senak singn, Ka	rige Officer, Batore-Donampur		
i	rspected.	ancido anongwich an haj kumur, Project Offic	Art					
0	Over lapping with works done /							
10 0	roposed under any other scheme			No.				
				1442				

Chroje Griper 1A Project





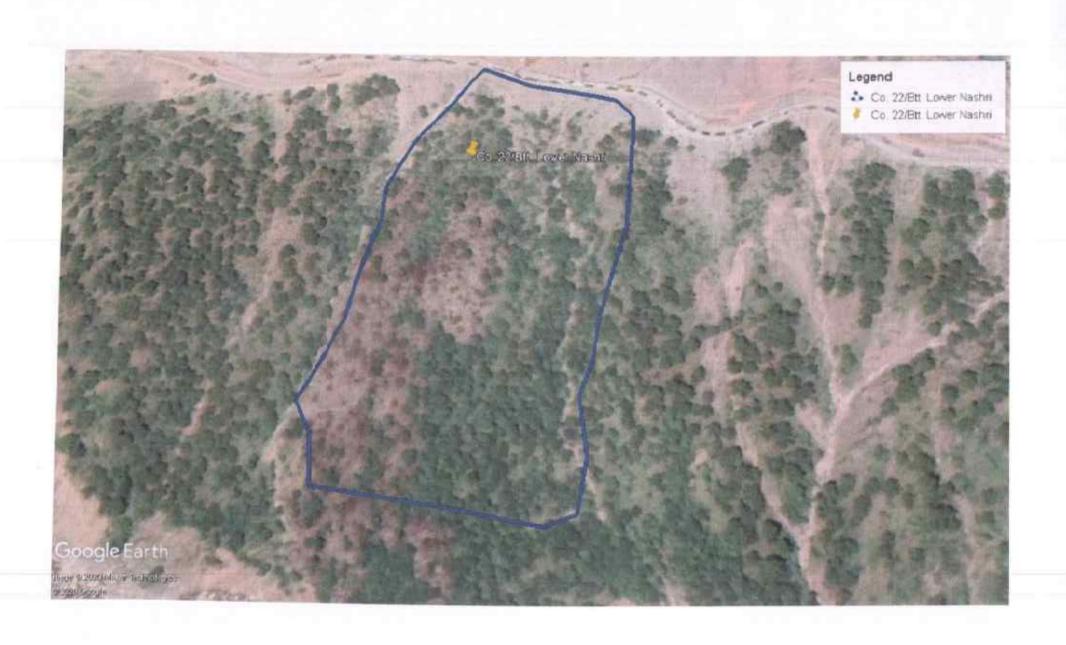


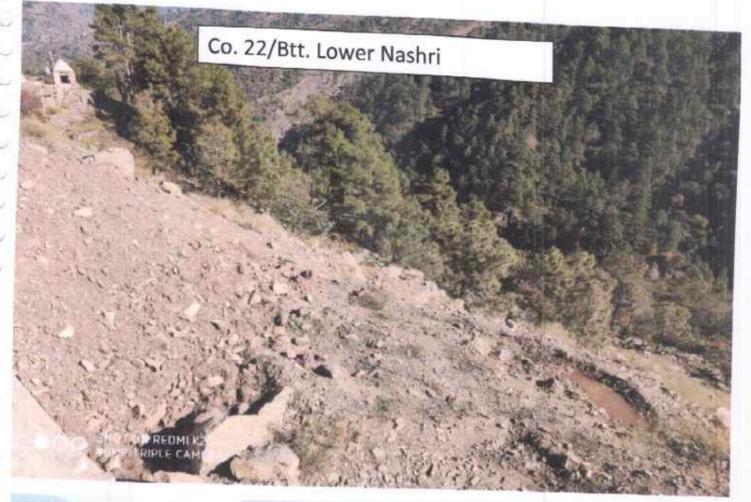
#### COMPONENT :- NET PRRESENT VALUE

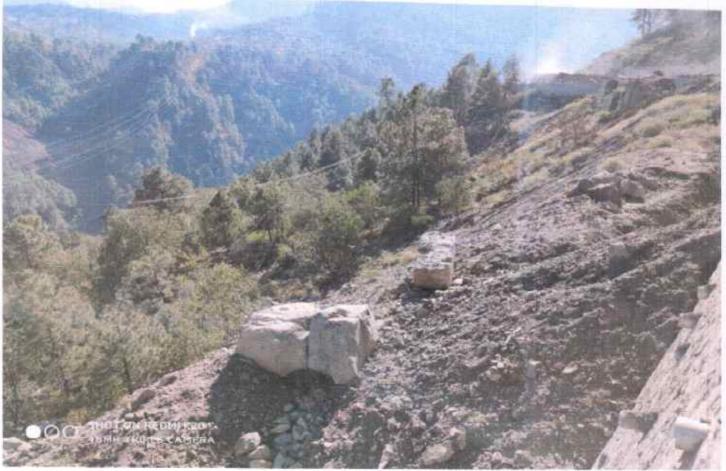
A Intervention site. Artificial Regeneration.

1	Name and Location of Planta	on Unit / intervention site							
2	Description of site			Co. 22/Btt. Lower Nashri					
a	Forest Type / species composition.			The Proposed site is devoid of vegetation due to cutting/widening of National Highway 44. However, the existing crops in and surrounding					
b	Density / Crown Cover				ardone, Makh	en, Allanthus, Amiook & Sisoo			
c	Slope / erosion status / soil o		less than	10000					
1074	states / son states / son s	ondition.	The soil is	loose with grave	els having mode	Yate to steep slopes, scanty rain			
ď	factors of degradation of the	forest	Total Contraction	ME MPLEISH MITTING	vasanges.				
3	Working Plan Prescription for	the intervention site	The main	reason is wideni	ng of four lanni	ng of National Highway.			
1041			prescripti	on	is are in conson	ant with the working plan			
4	Panchayat)	(specific comments / requirements of	1000	sed intrevention	s are made in c	consultation with the panchayats			
5	Problem analysis.	To recommend practical solutions for stabilization of slopes arong the Natio Highway is to use combination of native species of trees, bushes and grasse being cost effective, easy to maintain and is in harmony with the surroundin area. Beside this, adopt minor engineering works as well.							
6		Proposed intervention	and est	imate cost	nor engineering	WORKS 85 WEIL			
#	Item of work	Description / type of work	Unit	The second second	*				
0	Fencing	i. Fencing using Sq PCC Posts with 4 strand GI-BW at 10 Ft spacing.	Rft	Quantity 3000	72.78	Estimated Cost. 218340.000			
b	i. Planting / species	Planting in pits of size /dEem?	Nos	7000					
	III. Extra for Mech. Carriage including head load carriage of PR plants from CCD.		Nos		29.34	205380.000			
	Plants.	Planting in pits of size (30cm)*	Nos	7000 \$500	15.45	42000.000 64975.000			
5	Ipomea/Vitex/Popular/Badai/ Mulberry cutting	Collected locally & planted in the field	Nos	6000	6	36000.000			
ď	Patch Sowing	Sowing of seed in Patches of Size 45cmx45cmx15cm	Nos	1000	6.99	6990,000			
æ	i. Födder /Grass slips	Collection and planning of grass slips in trenches excluding cost of slips & its corriage in the field (Purchase from skinss Jammu/Agrostology Division Jammu)	Slip	2000	6.35	12700.000			
	ii. Extra for extraction, collection, P	urchase & MT. Carnage @ Rs. 2/5lip.	slip	2000	2	4000.000			
1	Still Conservation works					4000,000			
*	DRSM	Construction of Danga's in gully / slip areas / Nallah treatment us a soil moisture Conservation measure	Cum	90	1099	98910.000			
H	Cretes	1Ux4x4=	Nos.	16	7500	120000.000			
	District Control of the Control of t	Z0x4x4=	Nos	15	15000	225000.000			
7	KMZ file of the proposed site.		Δ	ttuched.					
Я	Photographs of the site.		Д	ittached.					
9	Site inspection report and name / designation of officer having inspected.	The inspection of site has been done by the sector alongwith Sh. Raj Kumar, Project Offic	he inspection of site has been done by the field staff headed by Sh. Manak Singh, Range Officer, Batoto Udham ector alongwith Sh. Raj Kumar, Project Officer						
10	Over lapping with works done / proposed under any other scheme			No.					

National Managara, Project





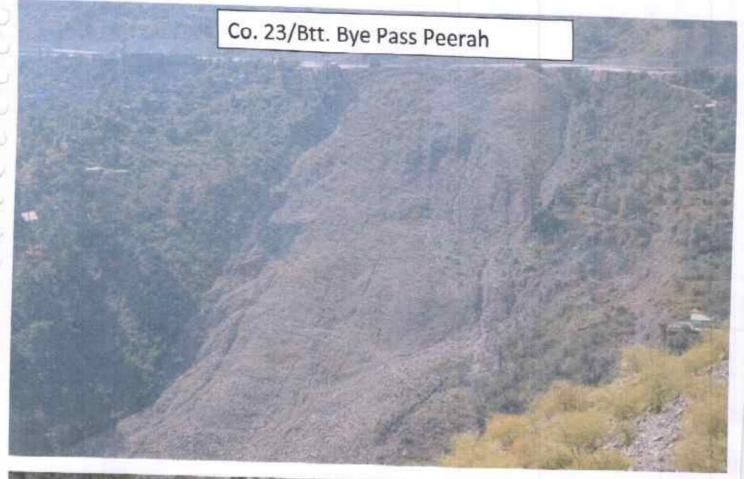


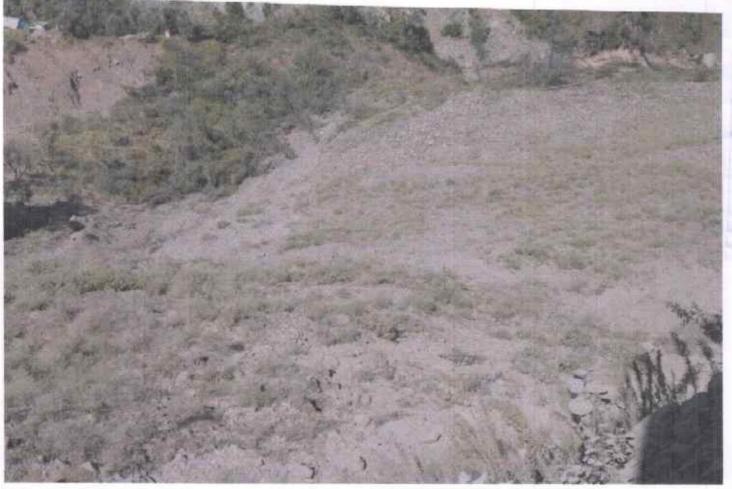
COMPONENT:- NET PRRESENT VALUE

A Intervention site. Artificial Regeneration.

1	Name and Location of Plants	tion Unit / Intervention site. Co. 23/Bit. Bye Pass Peerah							
2	Description of site	Co. 23/	Bit. Bye Pass	Peerah					
a	Forest Tunn / consider community								
					The Proposed site is devoid of vegetation due to cutting/widening of Nation Highway-44. However, the existing crops in and surrounding area are most!				
ь	Density / Crown Cover	A CONTRACTOR	- seed year and part Highli-	DISCOURSE CRIEB CUS	ipidata				
C	Slope / erosion status / soil cond	lition	0% (Exist	ing area with no	vegetation)				
ď			often cue	s foose with grav no across with la	els having mode	rate to steep slopes, scenty rainfal			
3	Factors of degradation of the for	est.		man beceld idl	muanues.	ne of National Highway			
	Working Plan Prescription for the	Intervention site.	The propi	osed intrevention	ns are in conven	ant with the working plan			
4	Consultation with Panchayat (spe	cific comments / requirements of Panchayat)	The prope	nsed intrevention	ns are made in co	ant with the working plan onsultation with the panchayats of			
5	Problem analysis.		To recom Highway i being cost	mend practical s to use combine t effective, easy t	olutions for stab	dization of slopes along the Nations arcies of trees, bushes and grasses,			
		Proposed intervention	and est	de this, adopt m	not engineering	works as well.			
#	Item of work	Description / type of work	Unit						
a	Fencing	i. Fencing using Sq PCC Posts with 4 strand GI-BW at 10 Ft spacing.	Rft	Quantity 3000	72.78	Estimated Cost.			
b	i. Planting / species	Planting in pits of size (45cm)	1,000		72.78	218340.000			
	is saiding in pits of size (a5cm).		Nos	7500	29.34	220050.000			
	ii. Extra for Mech. Carriage including head load carriage of PB plants from SFRI Srinagar/Jammu as per lead/distance.		Nos	7500	6	45000.000			
G.	ii. Planting of NR Plants / Agave Plants	Planting in pits of size (30cm) <sup>8</sup>	Nos	8000	15.45	123600.000			
c	Ipomea/Vitex/Popular/Budai/ Mulberry cutting	Collected locally & planted in the field,	Nos	7000	6	42000.000			
d	Patch Sowing	Sowing of seed in Patches of Size 45cmx45cmx15cm	Nos	1000	6.99	6990.000			
ē	I Fodd⊭c /Grass slips	Collection and planting of grass slips in trenches excluding cost of slips & his carriage in the field (Purchase from skaust Jamenu/Agrostology Onician Jammu)	Slip	5900	6.35	37465.000			
	II. Extra for extraction, collection. F	Purchase & MT Carriage @ Rs.2/slip	0.000	120,000					
f	Soil Conservation works	and the state of t	slip	5900	2	11800.000			
1	DRSM	Construction of Denga's in gully / slip areas / Nallan treatment as a sur multipre construction measure.	Cum	195	1099	214305.000			
10	Crates	10x4x4=	Nos	25	2500	187500 000			
201		20x4x4=	Nos	20	15000	300000.000			
1V	Supply of FYM	Purchase of Farm and manage from local villagers, which includes all operations with collection, loading/unloading, MT carnage, headload and its spreading on the surface etc.	Nos	10	5000	50000.000			
v	Sand Baes	A sand bag is made up of poly propylene or jute or other materials that is filled with sand or soil and process or orenness excess the slopes or scapings soil from engalon.	Alexa	500	ae	35000.000			
7	KM7 file of the proposed site.		A	ttached.					
8	Photographs of the site.		А	ttached.					
9	Site inspection report and name / designation of officer having inspected.	The inspection of site has been done by the f sector alongwith Sh. Raj Kumar, Project Office	The inspection of site has been done by the field staff headed by Sh. Mariak Singh, Range Officer, Batote-Udhampur sector alongwith Sh. Raj Kumar, Project Officer						
10	Over lapping with works done / proposed under any other scheme (Yes/No)			No.					







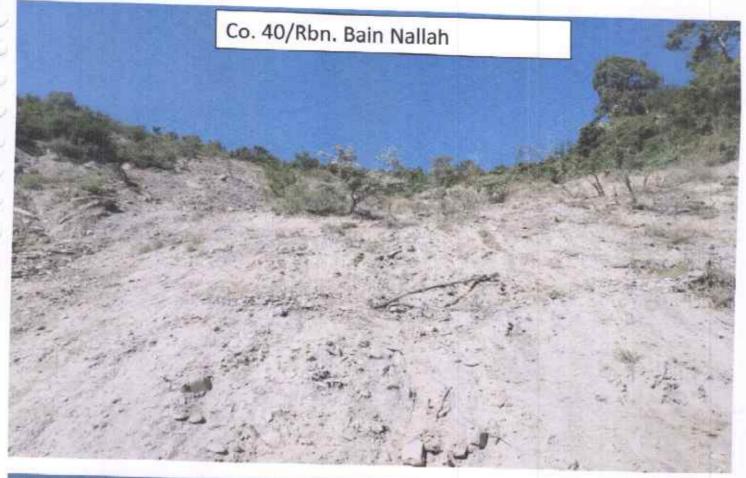
#### COMPONENT: NET PRRESENT VALUE

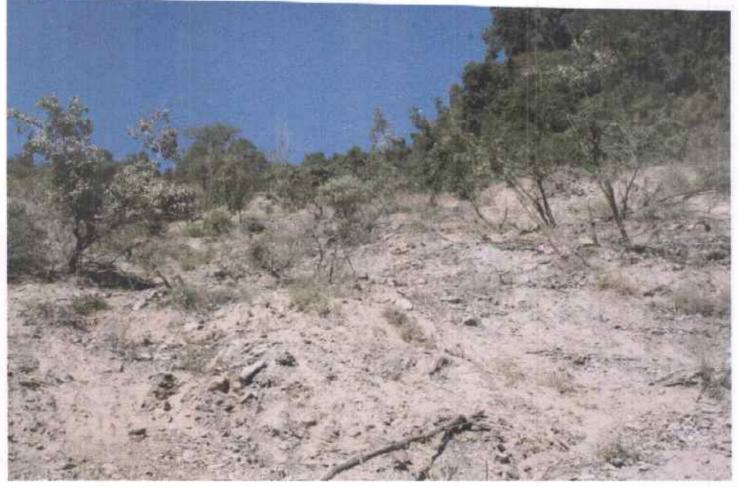
A Intervention site. Artificial Regeneration

1	Name and Location of Disas-	Artificial Regeneration.  tion Unit / intervention site.   Co. 40/Rbn. Bain Nallah										
2	Description of site	ition Unit / intervention site.	intervention site. Co. 40/Rbn. Bain Nallah									
a		-V										
	Forest Type / species composition.  The Proposed site is devoid of veg National Highway 44 Royal					line division in the second						
b	Density / Crawn Cover			The section of the se	nardana, Sisoo	Allanthus & Robinia etc						
C	Slope / erosion status / soil	Condition	Least ruit	11.13%								
			The soil i	s loose with gray	els having mode	vate to steep alopes, scanty rainfa						
d	Factors of degradation of the	forest	-		A CONTRACTOR OF THE PARTY OF TH							
3	Working Plan Prescription fo	r the intervention rise	The main	reason is widen	ing of four lanni	og of National Highway.						
-			prescript	osed intreventio	ns are in conson.	ant with the working plan						
4	Consultation with Panchayat	(specific comments / requirements of	11-12-12-12-12-12-12-12-12-12-12-12-12-1	10011								
	704	of attended to	respective	osed intrevention	ns are made in ci	onsultation with the panchayats of						
5	Problem analysis.		100000000000000000000000000000000000000									
			turtum	mend practical s	plutions for stati	lization of slopes along the Nation						
			being cost	s to use combina effective annus	tion of native sp	litzation of slopes along the Nation occies of trees, bushes and grasses						
6			area, Besi	de this, adopt mi								
_		Proposed intervention	and act	Imate	- Bureting	WOTKS 85 WEIL						
#	Item of work	Description / type of work	Unit									
à	Fencing	i. Fencing using Sq PCC Posts with 4 strand	Offit	Quantity	Rate	Estimated Cost.						
b	I Brown I	GI-BW at 10 Ft spacing.	Rft	4000	72.78	291120.000						
	i. Planting / species	Planting in nits of size (discover)	Nos	9000	20.24							
	III. Extra for Mech. Carriage including head load carriage of DR plant 4		741.5	2000	29.34	234720.000						
	ready and per leady distance.		Nos	8000	7	56000,000						
	ii. Planting of NR Plants / Agave	Classics to the Fire and d	100			DOMESTICAL COL						
0	Plants.	Planting in pits of size (30cm)	Nos	7000	15.45	108150.000						
	Ipomea/Vitex/Popular/Dadai/ Mulberry cutting	Collected locally & planted in the field.	9000	-122		Carrie Inchines						
d	The state of the s		Nos	7500	6	45000.000						
	Patch Sowing	Sowing of seed in Patches of Size 45cmx45cmx15cm	Nos	1000	6.99	12220 1530						
c		Collection and planting of grass slips in trenches		1000	0.55	6990.000						
	Endes (Committee	excluding cost of slips & its carriage in the field										
	Fodder /Grass slips	Purchase from skaust Jammu/Agrostology	Slip	5500	6.35	34925.000						
		Division Jerrinu)			i ii			L Y			200	(F) (SEE-97) P7)
	il. Extra for extraction, collection, P	urchase & MT. Carriage @ Rs.2/slip	slip	5500	2	11000.000						
f	Soil Conservation works	THE MANAGEMENT				11000.000						
1	DRSM	Construction of Dange's in gully / slip areas /	7									
		Nallah treatment as a soil moisture	Cum	215	1099	236285.000						
	# Marie Cont	conservation measure.			12000							
Н	Crates	10x4x4=	Nos	15	7500	112500,000						
	1-45 1 1	20x4x4=	Nos	13	15000	195000.000						
Ш	Land Surface dressing	Land surface dressing including all operation viz: manual levelling of land, filling of guilles and	Cum	210	210.50	2.22.211						
		removal of boulders etc.		150	318.59	47788.500						
	Supply of FYM	Purchase of Farm yard manure from local										
	0.000	villagers which includes all operations viz-	900	92	coor	124220000						
		collection, loading/ unloading, MT carriage,	Nos	10	5000	50000.000						
2	KMZ file of the proposed site.	nescribed and its spreading on the surface etc.										
8	Photographs of the site			ittached.								
	Site inspection report and name /			100000-	D 0	THE SECURE VEG 1						
9	designation of officer having inspected.	The inspection of site has been done by the Banihal sector.	field staff i	neaded by Sh. S	anjeev Kumar t	Baogia, Range Officer, Rambari-						
	Over lapping with works done /											
10	proposed under any other scheme			No.								
	(Yes/No)											

Project Othick Project





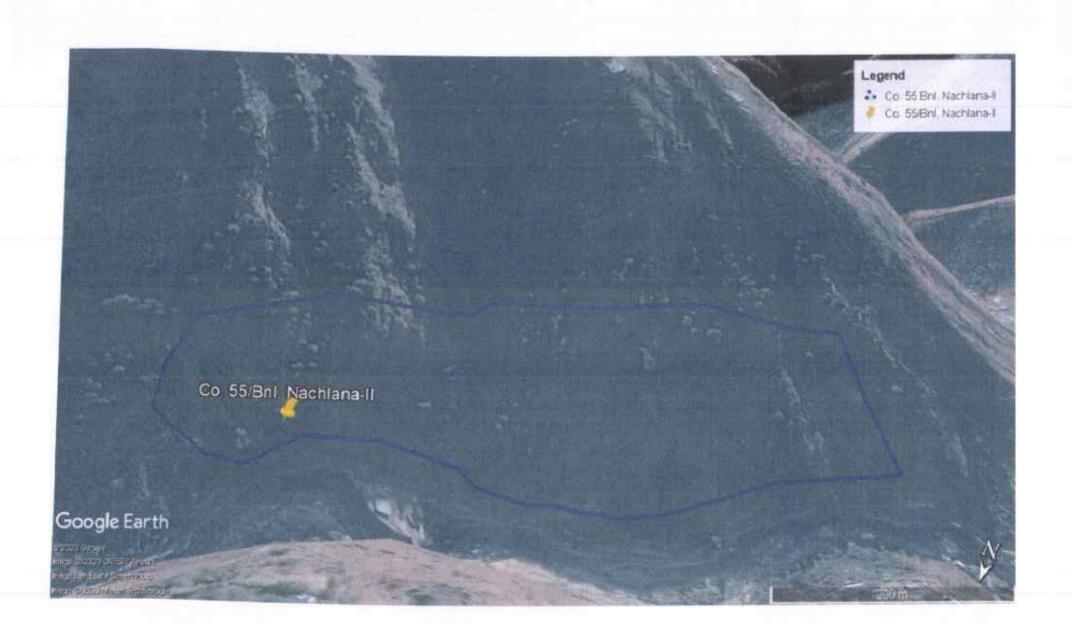


#### COMPONENT :- NET PRRESENT VALUE

A Intervention site. Artificial Regeneration.

_	The state of the s	Al HIIIIdi Keyeneration													
1	Name and Location of Plantation Unit / intervention site. Co. 55/Bol. Nachlana.														
2	Description of site	Co. 55/8nl. Nachlana-II													
а	Forest Type / species compo	selatura.													
		sition.				tion due to cutting/widening caxisting crops in and surrounding									
b	Density / Crown Cover		area are	e mostly Kail, De	edar H.C Hut	& Spross.									
c	Slope / erosion status / soil	condition	Loss the												
-			The soil	is toose with gray	els havina mod	erate to steep slopes, scanty rain									
d	Factors of degradation of the	e forest.													
3	Working Plan Prescription to	r the intervention situ	The mair	reason is widen	ng of four lanni	ing of National Highway.									
4			HELD DUND	rosed intreventio	ns are in conson	nant with the working plan									
4	Consultation with Panchayat	(specific comments / requirements of													
		of Charlette And Charlette Park	respectiv	osed intrevention	is are made in c	consultation with the parichevars									
5	Problem analysis.	Problem analysis.													
				mend practical s	plutions for stat	oilization of slopes along the Nati									
				To recommend practical solutions for stabilization of slopes along the Na Highway is to use combination of native species of trees, bushes and gra- being cost effective, easy to maintain and is in harmony with the surroundaries. Beside this, adopt minor environment.											
6			arca. Besi	ide this artory m											
#		Proposed intervention	and est	imate sost	nor engineering	Works as well.									
3	Item of work	Description / type of work	Unit		_										
	Fencing	i. Fencing using Sq PCC Posts with 4 strand	Offic	Quantity	Rate	Estimated Cost.									
b	( Blancing )	GI-BW at 10 ft spacing.	Rft	4300	72.78	312954.000									
~	I. Planting / species	Planting in pits of size (45cm)	Nos	8000	29.34	200000000000000000000000000000000000000									
	II Planting of Am III	II. CAU's for Mech. Carriage including head load carriage of DD classic		8000	7	234720.000									
	II. Planting of NR Plants / Agave Plants.	Planting in pits of size (30cm)	5000			56000.000									
d	hat National Control of the Control		Nos	7000	15.45	108150.000									
	Patch Sowing	Sowing of seed in Patches of Size	Nos	1984	Scarc	100000000000000000000000000000000000000									
e	Soil Conservation works	45cmx45cmx45cm	1405	1500	6.99	10485.000									
1	DRSM														
	HAMILIA .	Construction of Danga's in gully / slip areas / Nallah treatment as a spli moisture			E	- 1							4.3242		
		conservation measure	Cum	170	1099	186830.000									
JI.	Crates	10x4x4-													
		20x4x4	Nos	10	7500	75000.000									
7	KMZ file of the proposed site	B80.101	Nos.	8	15000	120000.000									
8	Photographs of the site.			ttached.											
	Site inspection report and name /	44 AC ACCUSATION AS A SECURITION OF THE SECURITI		ttached.											
9	dissignation of officer having inspected.	The inspection of site has been done by the field staff headed by Sh. Sanjeev Kumar Rangia, Range Officer, Ramb Banihal sector.													
	Over lapping with works done /														
10	proposed under any other scheme (Yes/No)			No.											

Name of Highward A. Project, Batote







COMPONENT :- NET PRRESENT VALUE

A Intervention site. Artificial Regeneration.

1	Name and Location of Plant	ation Unit / intervention site.						
2	Description of site	Co. 36/Rbn. Panthyal-I						
à	Forest Type / species compo	osition.	The Proposed site is devoid of vegetation due to cutting/widening of National Highway-44. However, the existing crops in and surrounding area are mostly Kaul, Poblate 18 Co.					
b	Density / Crown Cover		The state of the state of	mostly Kail, Ro	luwever the e	Wictimal engine To the State of		
c	Slope / erosian status / soil		Less tha	n 2%	- The The Hel	ox spross.		
ď	Factors of degradation of the		The soil i	s loose with gray ne across with ia	els having mode	prate to steep slopes, scantly rainfall		
3	Working Plan Prescription to	e forest.	The main	reason is widen	ne of four land	ng of National Highway.		
4	Working Plan Prescription fo	of the intervention site.	The prop	osed intrevention	TE JOS (B. COS	ng of National Highway. ent with the working plan		
5		Panchayat) Panchayat (specific comments / requirements of			is are made in c	ent with the working plan onsultation with the penchayars of		
6	Problem analysis.			To recummend practical solutions for stabilization of slopes along the Nation Highway is to use combination of notive species of trees, bushes and grasses, being cost effective, easy to maintain and is in harmony with the surrounding area. Beside this, adopt minor engineering works as well.				
.0		Proposed interest	area besi	de this, adopt mi	nor engineering	works as well.		
#	Item of work	Proposed intervention Description / type of work	and est	imate cost				
3	i Planting / species		Unit	Quantity	Rate	Estimated Cost.		
	ii. Extra for Mech. Carriage including	Planting in pits of size (45cm) <sup>2</sup> ng head load carriage of PB plants from SFRI	Nos	2000	29.34	58680.000		
	ii. Planting of NR Plants / Agave		Nos	2000	7	14000.000		
	Plants.	Planting in pits of size (30cm)*	Nos	5000	10.40	210 W 2012		
d	Soil Conservation works			5000	15.45	77250.000		
1	DRSM	Construction of Danga's in gully /'slip areas / Nallah treatment as a soll moisture conservation measure.	Cum	86	1099	94514.000		
7	KMZ file of the proposed site.	The second of th						
8	Photographs of the site.		-					
9	Site inspection report and name / designation of officer having inspected.	Attached.  The inspection of site has been done by the field staff headed by Sh. Sanjeev Kumar Baogia, Range Officer, Ramban-Banihal sector.						
ю	Over lapping with works done / proposed under any other scheme (Yes/No)			No.				

National Balogeote

#### COMPONENT :- NET PRRESENT VALUE

A Intervention site. Artificial Regeneration.

		CHILLIAI DEPENDITATION				
1	Name and Location of Plant	ation Unit / intervention site.				
2	Description of site	co. 36/Rbn. Panthyal-II				
а	Forest Type / species compo	A Partition in			21211	
	The / Species compo	osition.	The Pro Nationa	posed site is de	void of vegeta	tion due to cutting/widening of
b	Density / Crown Cover			mostly Kail, Ro		
c	Slope / erosion status / soil	a= -474	Less tha	in 2%	Johna Fric Hot	& Spross
			The soil	is loose with gray	rels havion more	orate to steep slopes, scanty rainfall
d	Factors of degradation of the	e forest				
3	Working Plan Prescription fo	r the internal	The mair	reason is widen	ing of tour lanei	ng of Netional Highway
			List by mb	over mittercutio	ns are in conson	unt with the working plan
4	Consultation with Panchavat	(specific comments / requirements of				
	Panchayat)	(specific comments / requirements of	The prop	osed intrevention	ns are made in c	onsultation with the panchayats of
5	Problem analysis.		respective	e arna	•	or solution with the panchayats of
6			being cost area Best	t affective, easy t	o maintain and	ultration of slopes along the National pecies of trees, bushes and gracers, is in harmony with the surrounding works as well
#	the second of	Proposed intervention	and est	imate cost		
ø	Item of work	ocachiption / type of work	Unit	Quantity	2010	
	II. Planting of NR Plants / Agave Plants	Planting in pits of size (30cm)	Nos	3000	Rate 15.45	Estimated Cost. 46350.000
b	Still Conservation works				11.00	***************************************
	DRSM	Construction of Danga's in gully / slip areas /				
11"		Nallah treatment as a soil moisture conservation measure.	Cum	160	1099	175840.000
H	Crates	10x4x4=	Nos	15	7500	The Control of the Control
7	VNX2 61 6 11	20x4x4=	Nos	10	15000	112500.000
×	KM2 file of the proposed site.				13000	150000.000
9	Photographs of the site.		A	ttached.		
9	Site inspection report and name / designation of officer having inspected.	The inspection of site has been done by the fill Banihal sector.	ield staff I	realled by 5h. S	Anjeev Kumar i	Baogla, Range Officer, Ramban
10	Over lapping with works done / proposed under any other stheme (Yes/No)			No.		

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COMPONENT: NET PRRESENT VALUE

A Intervention site. Artificial Regeneration.

-	vention site.	Artificial Regeneration.				
1	Name and Location of Plantation Unit / intervention site					
2	Description of site					
a	Forest Type / species compo	The Proposed site is devoid of vegetation due to cutting/widening of National Highway-44. However, the existing crops in and surrounding area are mostly thir. Aparticles of the control				
b	Density / Crown Cover	area are	mostly Chir, A	nardana, Sisoc	o, Allanthus & Robinia etc	
c	Slope / erosion status / soil	77 77 40 40 40 -0	Less the	m 2%		A HODDING BEC
	The Telephone status / Soil	condition.	The soil	s loose with gray	rels having most	larate to steep slopes, scanty rain
ď	Factors of degradation of the	formet				
3	Working Plan Prescription fo	r the intervention in	The main	reason is widen	ing of four Jann	ing of National Highway.
			16375 PE 191	esen intreventin	ns are in consor	nent with the working plan
4	Consultation with Panchavat	(specific comments / requirements of				
	7-17	requirements of	The prop	osed intrevention	ns are made in i	consultation with the panchayata o
5	Problem analysis.					
			To recommend practical solutions for stabilization of slopes a Highway is to use combination of native species of trees, bus Deing cost affective, easy to maintain and is in harmony with area, Beside this, adopt minor engineering works as well.			
6		Proposed intervention		and the second section of the second section of the second section second section sect	nor engineering	g works as well.
#	Item of work	Description / type of work				
4	i. Planting / species	Dia extra de la constanta de l	Unit	Quantity	Rate	Estimated Cost.
	in Extra for Ween. Carriage including head load contract of the		Nos	1000	29.34	29340.000
	The state of the s		Nos	1000	7	7000.000
	ii. Planting of NR Plants / Agave Plants.	Planting in pits of size (30cm)	Nos	5000	15.45	77250.000
b	Ipomea/Vitex/Popular/Badai/ Mulberry cutting	Collected locally & planted in the field.	Nos	3000	6	18000.000
d	i Fodder /Grass slips	Collection and planting of grass slips in trenches excluding cost of slips & its carriage in the field (Purchase from skaust Jammu/Agrossulugy Division Lammu)	Slip	4000	6.35	25400.000
£	ii Extra for extraction, collection, P	urchase & MT. Carriage @ Rs 2/stip.	slip	4000	2	8000.000
I	gauge-				-	8000.000
OF I	Soil Conservation works					
	1/8381	Construction of Danga's in gully / slip areas./ Nallah treatment as a soil moisture Conservation measure	Cum	88	1099	96712.000
ii	Crates	10x4x4	Nos	18	7500	97500.000
7	KIMZ file of the proposed site.			3.0	1500	97300.000
8	Photographs of the site.	Attached.				
2	Site inspection report and name / designation of officer having inspected.	The inspection of site has been done by the field staff headed by Sh. Sanjeev Kumar Boogle, Ronge Officer, Rambai Baninal Sector.				
10	Over lapping with works done / proposed under any other scheme (Yes/No)			No.		

National Habband M. Project,

#### COMPONENT: NET PRRESENT VALUE

A Intervention site. Artificial Regeneration.

1	Name and Location of Black	ation Unit / intervention site.	malled to the second control of the second c					
2	Description of site	ation Onit / intervention site.	Co. 35/Rbn. Magerkote					
at	Forest Type / species compo	4741						
		The 7-pecies composition,			The Proposed size is devoid of vegetation due to cutting/widening of National Highway 44. However, the existing crops in and surrounding area are mostly Kail, Robinia,			
b	Density / Crown Cover		S FEMALES	= President ment and	obinia,			
.0	Slope / erosion status / soil	condition	Less tha	n 2%				
d			The soil : often cor	s loose with grav the across with la	reis having mode	erate to steep slopes, scanty rainfal		
- 17	Factors of degradation of the	forest.						
3	Working Plan Prescription fo	r the interval	The main	TRASON IS WIDEN	ing of four tanni	ng of National Highway.		
4			The prop prescripti	osed introvention	ns are in conson	ant with the working plan		
		(specific comments / requirements of	The propi	osed intrevention	ns are made in c	onsultation with the punchayats of		
5	Problem analysis.		To recommend practical solutions for stabilization of slopes along the Nation Highway is to use combination of native species or trees, busines and grasse being cost effective, easy to maintain and is in harmony with the surrounding area. Beside this, adopt minor engineering works as well.					
6		Property I	area. Besi	de this, adopt mi	nor engineering	works as well		
#	Item of work	Proposed intervention	and est	imate cost		7410		
0	Plenting of NR Plants / Agave	description / type of work	Unit	Quantity	Rate	Estimated Cost.		
	Plants.	Planting in pits of size (30cmf	Nos	3000	15.45	46350.000		
b	Soil Conservation works				- 82	40330.000		
1	DRSM	Construction of the						
		Construction of Danga's in gully / slip areas / Nallah treatment as a soil moisture conservation measure.	Cum	130	1099	142870.000		
))	Crates	10x4x4=	Nos	13	70.00			
_		20x4x4=	Nos	6	7500	97500.000		
7	KMZ file of the proposed site.		1402		15000	90000.000		
8	Photographs of the site.		Δ	ttached				
9	Site inspection report and name / designation of officer having inspected	The inspection of site has been done by the field staff hearted by Sh. Sanjeov Kumar Boogle, Range Officer, Aumban Banihal sector.				Boogie, Range Officer, Aumban		
10	Over lapping with works done / proposed under any other scheme			No.				

National Highway Project.

COMPONENT: NET PRRESENT VALUE

A Intervention site. Artificial Regeneration.

	meer vention site.	Artificial Regeneration.				
1	Name and Location of Plant	Name and Location of Plantation Unit / intervention site				
2	Description of site	and other miter vention site.	Co. 40	/Rbn. Tunnel	-T2	
а	Forest Type / species compo	neiring				
b		The Proposed site is devoid of vegetation due to cutting/widening of National Highway-44. However, the existing crops in and surrounding area are mostly Chir, Anardana, Sisso, Allanthus & Robinia etc.				
	Density / Crown Cover		-		nardana, Sisoo	o, Ailanthus & Robinia etc.
C	Slope / erosion status / soil	condition.	eras mig	11 279		
-			The soil	is loose with gran	rels having mod	ferate to steep slopes, scanty rain
d	Factors of degradation of the	e forest.	-	AND THE RESERVE OF THE PARTY.		
3	Warking Plan Prescription fo	r the intervention site	The main	reason is widen	ing of four lann	ing or National Highway.
			tine brob	rised intreventio	ns are in consor	nant with the working plan
4	Consultation with Panchayat	(specific comments / requirements of				
	Panchayat)	(-) requirements of	The prop	used Intrevention	ns are made in	consultation with the panchayare
5	Problem analysis.		respectiv	c area.		The one painting are
	115556		To recom	mend practical's	olutions for sta	bilization of slopes along the Natio
			Highway i	s to use combine	stion of native s	portation of slopes along the National Region of trees, bushes and grass
_					to maintain and	it in harmony with the surrounds
6		Proposed into	area Besi	de this, adopt m	inor engineerin	g works as well.
#	Item of work	Proposed intervention	and est	imate cost		
	i. Planting of NR Plants / Agave	Description / type of work	Unit	Quantity	Rate	Estimated Cost.
а	Plants	Planting in pits of size (30cm) <sup>2</sup>	Nos	2000	15.45	30900.000
.0	ii. Extra for Mech. Carriage including	ii. Extra for Mech. Carriage including head load carriage of PB plants from SFRI		0.00.00		30,700,000
	Srinagar/Jammu as per lead/distance.		Nos	3000		
b	Ipomea/Vitex/Popular/Badai/		NOS 20	2000	7	14000,000
	Mulberry cutting	Collected locally & planted in the field.	Nos	2000	5	12000.000
d	Fodder /Grass slips	Collection and planting of grass slips in trenches				
		(Purchase from skaust Janunu/Agrostology  Division Jammu)	Slip	1500	6.35	9525.000
	ii. Extra for extraction, collection, P	urchase & MT Carriage @ Rs.2/slip	- Pro-	4555		
e	Sail Conservation works	gy C naisy stay	slip	1500	Z.	3000.000
1	DRSM	Construction of Danga's In gully / slip areas /	-	_		
		Nallah treatment as a soil moisture	Cum	90	1099	12000000 275 May 1
		conservation measure.	3.04131	50	1099	98910.000
0	Crotes	10x4x4=	Nos	13	7500	ANT OF HOM
111	Check Dom	A small dem constructed across a drainage	Nas	4.0	E30,02	97500.000
		ditch or channel to lower the velocity of run	10000			
		off which allows sediments to settle out.		20	45000	90000.000
7	KMZ file of the proposed site.					
8	Photographs of the site.			•		
-	Site inspection report and name /			ttached,		
9	designation of officer having inspected.	The inspection of site has been done by the Banihal sector.	field staff h	neaded by Sh. S	anjeev Kumar	Baogia, Range Officer, Rambar
	Over lapping with works done /					
10	proposed under any other scheme (Yes/No)			No.		

Project Officer Project

#### COMPONENT :- NET PRRESENT VALUE

A Intervention site. Artificial Regeneration.

-	le.	michal Regeneration.				
1	Name and Location of Plant	ation Unit / intervention site.	Co. 72	Numb Daniel D	CH .	
2	Description of site		100.73	/Udh. Banti P	ull	
2	Forest Type / species compo	esition.	The Proposed site is devoid of vegetation due to cutting/widening of National Highway 44. However, the existing crops in and surrounding			
Ь	Density / Crown Cover		area are	mostly Anarda	na, Sixoo & M	elia etc
c	Slope / erosion status / - 12		Less tha		10-111/19E	CHI CIL
	Slope / erosion status / soil condition.			s loose with grav	els having mod	orate to steep slopes, scanty rainfall,
d	Factors of degradation of the		aften cor	tile across with la	ndslides.	orace to steep sippes, scanty rainfall,
3	Factors of degradation of the	e forest.	The main	reason is widen	na of four bear	ing of National Highway
- 55	Working Plan Prescription fo	r the intervention site.	The prop	osed intrevention	of are in contract	ng of National Highway ant with the working plan
4	Consultation with Banch -		prescripti	ion.	in are in consor	ant with the working plan
		(specific comments / requirements of	The prope	osed intrevention	is are made in o	Consultation with the panchayets of
5	Problem analysis.		THE THE PARTY			
6				t effective, easy t	0 maintain and	ollization of slopes along the National pecies of trees, bushes and grasses, is in harmony with the surrounding
		Proposed intervention	and oct	de this, adopt mi	nor engineering	works as well.
#	Item of work	Description / type of work				
а	Planting of NR Plants / Agave	Planting in pits of size (30cm)	Unit	Quantity	Rate	Estimated Cost.
b	Plants	The state of the s	Nos	3000	15:45	46350.000
.0	Ipomea/Vitex/Popular/Badai/ Mulberry cutting	Collected locally & planted in the field.	Nos	2000	6	12000.000
d	Endder / Grass slips	Collection and planting of grass slips in trenches		TINES.	30	12.000.000
	A New Orld, County assets you	excluding cost of slips & its curriage in the field (Purchase from skaust Jammu/Agrostology Division Jammu)	Slip	2000	6.35	12700.000
	ii. Extra for extraction, collection, P	urchase & MT. Carriage @ Rs. 2/slip.	-Ha	2222		
ė	Juli Conservation works	The Control of the Co	slip	2000	2	4000.000
٥	DRSM	Construction of Danga's in guily / slip areas / Nallah treatment as a soil moisture conservation measure.	Cum	50	1099	54950.000
11	Crates	10×4×4-	Nos	10	7500	*****
		20×4×4=	Nos	5	15000	75000,000 75000,000
1	KMZ file of the proposed site.			-	4.30000	75000.000
8	Photographs of the site.		А	ttached.		
9	Site inspection report and name / designation of officer having inspected.	The inspection of site has been done by the I sector.	icid staff h	neaded by Sh. N	fanak Singh, R	ange Officer, Hatote-Udhampur
10	Over lapping with works done / proposed under any other scheme (Yes/No)			No.	<b>A</b>	

Project office I Project National Highway Al Aroject Partional Highway Al

#### COMPONENT :- NET PRRESENT VALUE

A Intervention site. Artificial Regeneration.

1	Name and Location of Place	ation Unit / intervention site.						
2	Description of site	ation Unit / intervention site.	Co. 22	Co. 22/Btt. Nashri Near Check Post				
3	Forest Type / species compo	A APAYA (AV)	CHEEK POST					
	The Tapedies Compo	The 1 species composition.			The Proposed site is devoid of vegetation due to cutting/widening of National Highway 44. However, the existing crops in and surrounding area are mostly Chir, Anardana, Makhen, Ailanthus, Robinia, Popular, Willow & Siapo			
Ь	Density / Crown Cover		Willow	& Sison	And Calling   (A)C	Arien, Allanthus, Robinia, Popular,		
€	Slape / erosion status / Soil	Sondition	Less tha					
			The soil i	s loose with grav	els havine me	derate to steep slopes, scarnty rainfall		
d	Factors of degradation of the	faces a						
3	Working Plan Prescription fo	e this income	The main	reason is widen	na of four lan	ning of National Highway.		
1775			Line Burnelli	osen introvention	to are in cone	onant with the working plan		
4	Consultation with Panchavat	(specific comments / requirements of	100000000000000000000000000000000000000					
-		requirements of	The propr	ospd intrevention	is ere made in	consultation with the name -		
5	1 0 × /0 140 / 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		The proposed intreventions are made in consultation with the panchayats or respective area.					
6			being cost	effective, easy t	0 maintain an	abilization of slopes along the National species of trees, bushes and grasses, if is in harmony with the surrounding ng works as well.		
#	Item of work	Proposed intervention	and est	imate cost	C. Willech	ng works as well,		
8	Ipomea/Vitex/Popular/Badai/	Description / type of work	Unit	Quantity	Oints I			
	Mulberry cutting	Collected locally & planted in the field.	Nos	4000	Rate	Estimated Cost.		
b	Fodder /Grass slips	Collection and alumina of				24000.000		
		Collection and planting of grass slips in tranches excluding cost of slips & its carriage in the field	Slip	2000	6.35	12700.000		
	S Enter for contract of the second	O THE STATE OF THE						
	ii. Extra for extraction, collection, P	urchase & MT. Carriage @ Rs. 2/stip.	slip	2000	2	22///6%		
7	KMZ file of the proposed site	rurchase & MT Carriage @ Rs. 2/stip.	slip	2000	2	4000.000		
7 8	KM2 file of the proposed site Photographs of the site	urchase & MT. Carriage @ Rs. 2/stip.	1246		2			
_	KMZ file of the proposed site	urchase & MT. Carriage @ Rs. 2/stip.  The inspection of site has been done by the f sector.	A	ttached.		4000,000		
8	KM2 file of the proposed site Photographs of the site Site inspection report and name / designation of officer having	rurchase & MT. Carriage @ Rs. 2/stip.	A	ttached.		4000.000		

Projected Unicer project, National Bakothe

#### COMPONENT :- NET PRRESENT VALUE

#### Intervention site. Artificial Regeneration.

1	Name and Location of Plant	ation Unit / intervention site. Co. 14/8tt Champs					
2	Description of site	ation Onit / intervention site.	Co. 14	Btt. Champa			
а	Forest Type / species compo	or form and					
	The Compo	isition.	The Proposed site is devoid of vegetation due to cutting/widening of National Highway-44. However, the existing crops in and surrounding area are mostly Chir, Anardana, Makhan, Allanthus, Robinia, Popular, Willow & Sison				
ь	Density / Crown Cover				and strength	ion, Allanthus, Kobinia, Popular,	
c	Slope / erosion status / soil	Condition	Loss the				
-			The soil i	s loane with gray	els having mode	rate to steep slopes, scanty rainfall	
d	Factors of degradation of the	e forest.					
3	Working Plan Prescription fo	r the intervention rite	ine main	reason is widen	ng of four Jannie	ng of National Highway	
-			The propi	used intrevention	is are in conson	ant with the working plan	
4	Consultation with Panchayat	(specific comments / requirements of					
	1000	requirements of	f The proposed intreventions are made in consultation with the parichayats or respective area.				
5	Problem analysis.						
6			being cost area, Besi	effective, easy t	o maintain and	dization of slopes along the Nationa pecies of trees, bushes and grasses; is in harmony with the surrounding	
12		Proposed intervention	and est	imate cost	and and and	works as well,	
	Item of work	Description / type of work	Unit				
1	Soil Conservation works Crates		Othic	Quantity	Rate	Estimated Cost.	
11	Check Dam	10x4x4=	Nos	10	Table 4 A		
8	Photographs of the site.	A small dam constructed across a drainage	Nos	1	7500	75000.000	
	Site inchestion		A	ttached.	90000	90000.000	
9	hite inspection report and name / designation of officer having inspected.	The inspection of site has been done by the field staff headed by Sh. Manak Singh, Range Officer, Batote-Udhampur sector.					
10	Over lapping with works done / proposed under any other scheme [Yex/No]	No.					

Project Officer, National Highwaynce Project,
Project Batole A Project,
National Highwaye A Project.
Batole

Batote

#### COMPONENT :- NET PRRESENT VALUE

A Intervention site. Artificial Regeneration.

1	Name and Location of numer	ition Unit / intervention site. Co. 70/Lidb. March 5%					
2	Description of site	ation Unit / intervention site.	Co. 70	/Udh. Morh	Ulin		
а	Forest Type / species compo	N.S.		r - stil Milli	suti		
-		osition.	The Proposed site is devoid of vegetation due to cutting/widening of National Highway-44. However, the existing crops in and surrounding area are mostly Chir. Anardana. Siego. 144.				
ь	Density / Crown Cover	Density / Crown Cover			nardyon Sine	existing crops in and surrounding. Melia & Nerium etc.	
c	Slope / erosion status / soil	condition	Less th:	an 2%		, mella & Nerium etc.	
- 4			The soil	is loose with gran	reis having mod	erate to steep slopes, scanty rainf	
d	Factors of degradation of th	e forest	often co	me across with is	indslides.	erate to steep slopes, scanty rainf	
3	Working Plan Prescription for	or the intervention site	The mair	reason is widen	ine of four laws	ng of National Highway	
4	Consultation	Working Plan Prescription for the intervention site.			ns are in conson	ant with the working plan	
-							
5				osed intreventio	ns are made in c	ontultation with the panchayats o	
2	Problem analysis.						
					olutions for stab	ulization of slopes along the Nation	
			being cos	t offerture	stion of native sc	olitration of slopes along the Nation Decies of trees, bushes and grasse	
6		The state of the s	area Best	de this same	o maintain and	pecies of trees, bushes and grasse is in harmony with the currounding	
#	Item of work	Proposed intervention	and est	imate cost	an engineering	works as well.	
0	Soil Conservation works	Description / type of work	Unit	Quantity	Rate	F-14-1-0-1-0-1-0-1-0-1-0-1-0-1-0-1-0-1-0-	
T	WOLKS	D. e.f.		- Committee	nate	Estimated Cost.	
	Supply of FYM	Purchase of Farm yard manure from local villagers which includes all operations viz: collection, loading/ unloading, MT carriage, headload and its spreading on the surface etc.	Nos	5	5000	25000.000	
W.	Sand Bags	A sand bag is made up of poly propylene or jute or other materials that is filled with sand or soil and places in trenches across	Nos	1000	70	70000.000	
lii.		the slopes to stabilize soil from erosion.					
-111	Check Dam	A small dam constructed across a drainage ditch or channel to lower the velocity of run off which allows sediments to settle out.	Nos	ı	90000	180000.000	
ő	Photographs of the site						
9	Site inspection report and name / designation of officer having inspected.	The inspection of site has been done by the f sector.		eaded by Sh. N	Manak Singh, 9;	ange Officer, Butate Udhampur	
10	Over lapping with works done / proposed under any other scheme (Yes/No)	No.					

National Hippyway: Majectojec.

#### **Office Address**

May to October: Forest Complex, Shiekh Bagh, Lal Chowk, Sgr- 190001 Phone: 0194-2483937, Fax: 0194-2455027

Nov. to April: Van Bhawan, Below Gumat, Jammu-180001 Phone: 0191-2560585, Fax: 0191-2547276



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E-mail: <a href="mailto:pccfjkforest@gmail.com">pccfjkforest@gmail.com</a>
jkcampacell@gmail.com



# Jammu & Kashmir Forest Department Office of the Pr. Chief Conservator of Forests & HoFF Government of Jammu & Kashmir

#### Annexure-D

Summary of Additional Annual Plan of Operations (APOs) under CAMPA for the FY 2021-22

S.No	Direction of the Steering Committee	Proposed Activity/location in the APO	Physical targets	Financial (Rs. in Lakhs)	Implementation Agency
1.	To undertake plantations in and around cities, schools, office premises and along highways/ roads – by social Forestry Department	Institutional Plantation at: Srinagar-SP College, Amar Singh college, Industrial Area Khanmoh, Industrial Area Zakura, University Kashmir, NIFT Rangreth, Defence land Baramulla, Degree College Barmulla.  Jammu – JDA Park, Agriculture seed Centre & Revenue Complex Golegujral, Bhagwati severage Line, Hr. Sec. School Paloura, Resham Ghar Bakshi Nagar & different Institutions of Government / Private in Jammu Municipal Area.  Strip Plantation at: Jammu- Purmandal, New Bahu Port, Barain to Bara near Shiv Mandhir. Udhampur Katra Reasi Road, DDC Office Udhampur to Main Gate to Sheep husbandry Area, Gujjar Hostel Mahore, Balaspur, Nakki Balpur, Manthal Kali Mata Mandir, Bayee, Thoru Druni Nallah, Mani Patiyan, Mani, Thoru Kathua Totli, Chu Nallah, Dadwara, Dharmakote, Pakhi, Ambica Mata Pongran, Hatli, Kalyar near High School.  Baramulla- Behbal Ajus road, Mangam to Tangmarg road, Jasharie Baramulla road side (Chinar Park)	Area (In Ha) = 19.22 Plantation (in lakh Nos) = Fencing (In Lakh rft) = Plant Production (In lakh Nos) = 1.84	100.00	Social Forestry Department

S.No	Direction of the Steering Committee	Proposed Activity/location in the APO	Physical targets		Financial (Rs. in Lakhs)	Implementation Agency
2	To secure forest lands vulnerable to encroachment, particularly around cities/ towns by Jammu Forest Division	Chain link / barbed wire fencing with toe wall and planting at: Toll Plaza Nagrota, Dungian Jakti, Near Bermini Top and road side, Near firing range Sunjwan, Tootan wali Khad, Chatta SRK top hill flat, Chatta near Temple area, Green Hills cloney, Lakkar Mandi. Sunjwan, Ploura near Kheri, Paloura near Roopnagar, Paloura near Janipur Construction of anti encroachment posts/ Chowkis at Chatta, Bathendi, Dungian, Bajalta	Area (In Ha) Plantation (in lakh Nos) Fencing (In Lakh rft) Plant Sowing(Patches In lakh Nos) Plants Plant Production (Palnts In lakh Nos) Soil & Moisture Conservation Works in Forests DRSM (In Cum) Crates (In Nos) WHS (In Nos)	459.50 0.29 0.77 0.29 4.53	1000.00	Forest Division Jammu
3.	To undertake land slips stabilization and soil conservation works along the vulnerable section of National Highway	Batote Forest Division: Sarga (Comptt. 23b/Btt-I), Dhalwas (Comptt. 23b/Btt-II), Peerah (23a/Btt,23a/Btt-I & 28/Btt), Nashri (22b/Btt & 22b/Btt-I) by Batote Forest Division  Ramban Forest Division: Monkey Morh, Phagalla, Battery Chashma old dumping site, Anokhi fall dumping site, Anokhi fall uphill side, Digdole Nallah dumping site, Kella Morh dumping site Digdole Army Camp, Trishul Morh, Mehar, Mehar near Shamshan Ghat, Kishtwari Pathar, Sherbibi (Murdad Morh)  National Highway 1A Project: Bali Nallah, Dogra-II, Adjacent to Nashri Tunnel, Kundi-II, Neera (Mehar), Panthyal, Dargali (Khoura), Darshi Pura, Nashri Near Check post & Near Sumit Dhaba, Sarga, Champa, Tringla, Amrit Cheshma, Kothri, Champadri-I & II, Arse Nallah, Morh Passi Lower, Kaa Morh (Down side), Gaiti Nallah, Digog Nallah, Shaitan Nallah  Udhampur Forest Division: Along the National Highway from Udhampur-Jakhani-Moud-Chenai-Batna (viz Salora, Kali Mata Mandir, Near Mand Nursery,Near Sharda Mata Mandir, Dharmathal, Moud, Salora-Manthal-Bikhangala Mand Udhampur	Area (In Ha) Plantation (In lakh Nos) Fencing (In Lakh Rft) Seed Balls (In lakh Nos) Broadcasting of Seed (In Kg) Plant Production (Plants in Lakhs No.) Patch Sowing (In Lakh Patches) Fodder/Pasture Development (Patches in Lakh No.) Soil & Moisture Conservation Works in Forests DRSM (In Cum) Crates (In Nos) Land Surface Dressing (Cum) Check Dam (In Nos) Rock falling protection work	131.39 3.43 0.68 0.72 86 0.57 0.39 1.95 047 1522 490 6 L.S	600.00	Batote Forest Division  Ramban Forest Division  National Highway 1A Project  Udhampur Forest Division

S.No	Direction of the Steering Committee	Proposed Activity/location in the APO	Physical targets		Financial (Rs. in Lakhs)	Implementation Agency
4.	To provide forest protection	High End Image Processing Mobile Workstations, GNSS Tracking system,	High end Image Processing Mobile workstations	10		Deptt. of
	equipments like	GPS, Drones	GNSS Tracking	40		Ecology, Environment &
	GPS, Drones other		GPS	200		Remote
	ICT equipments		Drones	8	100.00	Sensing
	and to strengthen GIS labs					P.I Division of Forest Department
5	Construction of shelter sheds cum grazing check posts along migratory routes of nomads	Construction of shelter shed cum grazing check posts along migratory routes of nomads at:  Sedeve & Hirpora (Shopian), Jawahar Tunnel (Anantnag), Bungus (Kehmil), Trimukhan Top & Z-Gail (Kamraj), Ravil Gund (Sindh Ganderbal), Dum Dum (Pirpanjal Budgam), Langanbal Pahalgam (Lidder) of Kashmir Region, Bhathi and Sewna- Karkool, (Udhampur Forest Division) Shanta Gate, Shiv Garh (Batote Forest Division) Banihal Tunnel, Mager Kote (Ramban Forest Division)	13 Shelter Sheds cum Grazin Posts	g Check	100.00	Lidder Forest Division Anantnag, Forest Division Awantipora Forest Division Pirpanjal Budgam Forest Division Shopian Forest Division Kehmil Forest Division Kamraj Forest Division Sindh Forest Division Shopian Forest Division Batote Forest Division Batote Forest

Annual Plan of Operations (APO) for the year 2021-22 of Jammu and Kashmir State

A			or the year 2021-22 of Jammu and Kashmir State
(1)	Site Specific Activities as per Section 6(a) of the CAF Act, 2016	Financial Targets (Rs. in Crores)	Remarks
1.	Soil & Moisture Conservation Works in Forests	(r.s. iii orores)	
a.	Dry Rubble Stone Masonry (DRSM) (In	0.0931	Soil Conservation works like check dams using Dry
	Cum)		Rubble Stone Masonry (DRSM) and crates shall be
b.	Water Harvesting Structure (WHS) (in		constructed on the proposed degraded forest sites
	Nos)		for compensatory afforestation.
2.	Forest Fire Prevention & Control Operations (Fire Management)		
(i)	Fire watchers/other measures	2.00	Seasonal firewatchers are engaged by DFOs/
	mododioo		Implementing Agencies for fire prevention and control
			operations. Seasonal firewatchers are also engaged by
			the Divisions for manning fire control rooms
			established during the fire season to prevent fire incidents.
3.	Soil & Moisture Conservation Works in Forests		middents.
(i)	DRSM (In cum)		1) J&K being a hilly territory, around 2/3 <sup>rd</sup> of the land is
(ii)	Crates (In Nos)		affected by one or the other form of erosion, of which
(iii) (iv)	WHS (In Nos) Biological Structure		nearly 30% is under severe to very severe erosion. Soil
(v)	(Cum) Crib Structures (In Nos)		and water conservation works in degraded forest
(*)	Cirio Ciracianos (in 1100)		areas, which include construction of check dams using
			DRSM (Dry Rubble Stone Masonry), crate works and
			other water harvesting structures, are integral part of
			all afforestation works. These works are being
			executed by Soil and Water Conservation Department in close coordination with the Forest Department.
		22.26	Detailed cost estimate and location (coordinates/kmz
			files) are given in the APOs of DFOs/Implementing
			Agencies. (Details at Annexure A1, A2 & A3).
			2) NH1A is the main arterial road running from Kathua
			to Ladakh, which passes through highly unstable
			mountainous range of geologically recent origin. At
			times the Highway is closed due to landslides and
			avalanches, particularly the road stretches passing
			through Ramban district. The department has started a
			special project to undertake works related to landside

prevention, avalanche protection, increasing vegetal cover, soil moisture conservation, runoff reduction and engineering works, in order to keep the road functional throughout the year and safe for traffic. **Detailed cost estimate and location (coordinates/kmz files) of proposed works are given** in the APO of Project Officer, National Highway at Annexure-B.

3) Treatment of Kandi areas of Jammu Province. The sub-montane tract lying in the outer Himalayas of Jammu Region- spread over Jammu, Samba and Kathua districts - is locally called Kandi belt. It lies between Ravi River in the east and Munawer Tawi in the west, bounded by Shivaliks in the north, and National Highway NH 1A separates it from the plains. The area has an undulating topography, steep & irregular slopes, erodible and low water retentive soils and badly dissected terrain by numerous Gullies. Total estimated area of Kandi is 812 Sq. km. Due to higher elevation of Kandi area, the surface water and ground water flows towards the plains during rains. Due to these factors, it is a water scarce region. The main sources of water for agriculture are ponds, springs and dug wells, which are in various stages of drying and need maintenance. It is proposed to address these

 a) By constructing RCC check dams at perennial streams for improving ground water recharge, storage of water for longer period of times and to decrease the runoff of streams.

measures:

problems by way of improving ground water recharge, decrease the runoff, improving soil moisture regime of the area and increasing vegetative cover by following

- b) Treatment of the catchment on watershed basis through various interventions like DRSM, vegetative check dams, gully plugging, crates & gabion Structures to decrease the runoff to arrest silt and to increase the runoff time of the surface water for effective percolation.
- c) Construction/ Up-gradation of existing ponds and streamlining their catchments for ground water recharge and de-silting to increase water holding capacity, so as to increase availability of water for longer period of time.
- d) Plantation of **sisal**, grasses and good soil binders on loose soil and higher slopes for stabilization.

Total cost estimate of the above proposed is Rs 15.00 Crore to be implemented in 2021-22 & 2022-23. Of this, an outlay of Rs 8.56 Crore for this project for implementation by Soil & Water Conservation Departments is proposed in the FY 2021-22. Detailed project proposal is given at Annexure-C. 4) A total of 46755 cum of DRSM, 5289 Nos of crates. 273 Nos of Water Harvesting Structure (WHS)/Ponds, 53467 cum of biological structures and 96 Nos Crib Structures are proposed to be constructed in FY 2021-22. Location/coordinates of soil & moisture conservation works have been given in the site specific APOs of DFOs/IAS. 4. LiDAR technology for 10.00 The MoEF&CC vide their letter dated 13th December treatment adopting ridge 2019 sought proposals from the States to submit to valley approach for degraded forests (Reasi proposals for the preparation of Detailed Project and Kamraj Divisions) Report using LiDAR technology for one major ridge area in a forest block for ridge to valley treatment. Accordingly, JK Forest Department submitted two proposals as per details below: S.No Location Remarks Tote Block About 900 mm annual precipitation Reasi Range Northern mixed dry deciduous forest. Reasi Forest dry deciduous scrub and Euphorbia Division scrub Kandi Range 900-1100 mm annual precipitation/ Kamrai Forest Mixed Conifer with Deodar and Kail Division Now, MoEF&CC has identified 7634 ha of treatable ware within the proposed catchments with an outlay of 19.56 Cr with per ha cost estimate of Rs 25626.11. The activities for treatment include soil and water conservation measures such as percolation ponds, gully plugging, brushwood check dams, earthen check dams, pakka check dams, DRSM, Crate wire check dams depending on the order of the drains. Afforestation related works are also proposed to be undertaken. The project will be implemented in two financial years, ie, 2021-22 and 2022-23. Accordingly, an amount of 10.00 Cr is proposed for the year 2021-22 for the ridge to valley treatment of the identified catchments.

5	Protected Areas (National Parks and Wildlife Sanctuaries)		
(i)	Soil & Moisture Conservation measure	2.28	Soil & moisture conservation measures like DRSM, crates, water harvesting structures shall be undertaken in Protected Areas. Location/coordinates of soil & moisture conservation works have been given in the site specific APOs of Wildlife Protection Department.
(ii)	Forest Fire Prevention & Control operations in Protected Areas	1.30	Construction and maintenance of fire lines and engagement of seasonal firewatchers are proposed for fire protection in Protected Areas.

Additional APO for the year 2021-22 of Jammu and Kashmir State CAMPA

		year 202	1-22 of Jammu and Kashmir State CAMPA
	Activities proposed as	Financial	Remarks
1	per Rule 5(2) of the	targets	
	CAF Rule, 2018	(Rs in Crore)	
а	Artificial/Natural		
	regeneration		
i.	Plantation (in lakh nos)	1.32	Details are given at Annexure-D
ii.	Fencing (in lakh Rft)	9.25	
iii.	Patch Sowing (Patching	0.05	
	in lakh nos)		
iv.	Grass/MFP Slips (in lakh	0.01	
	nos)		
٧.	Seed Balls (in lakh nos)	0.03	
vi.	Fodder/Pasture	0.16	
	Development (Patches in		
	lakh no.)		
V.	Plant Production (Plants in	0.50	
	lakh no)		
b	Silvicultural Operation in		
	Forests	0.00	
i.	Bush/Lantana Clearance (in Ha)	0.02	
С	Soil and Moisture		
	Conservation Works in		
	Forests		
i.	SMC works/DRSM (in cum)	1.33	
ii.	Crates (in nos)	2.75	
iii.	WHS (in nos)	0.12	
iv.	Land surface dressing (in	0.02	
	cum)		
٧.	Check Dam (in nos)	0.05	
vi.	Rock falling protection	0.35	
	work/soil erosion control		
	materials/speed barriers		
2.	Activities as per Rule 5(3)		
	of the CAF Rules, 2018		
	Casual engagement of	0.0125	
	local people or labours to		
	assist regular staff for		
	works for protection of Forests		
<u></u>	LOIGSIS		