HIMACHAL PRADESH STATE CAMPA

Scheme-Wise Norms for New Plantations and Maintenance of old Plantations in Non-Tribal and Tribal Areas for 2018-19 (At the wage Rate of Rs. 225/- for Non Tribal and Rs. 281/- For Tribal Areas)

Sr.No.	Name of Scheme	Name of Component		Norms for 2	2018-19	Remarks					
			Non -Tribal Areas	Tribal -I Areas	Tribal-II (Keylong & Jhalma Ranges of Lahaul Division						
				(Amount in	A CONTRACTOR OF THE PROPERTY O						
1	NORMS FOR COMPENS	ATORY AFFORESTATION EXCLUI	DING NURSRY CO	ST							
1	Compensatory	FENCING	29200	32100	NA	Norms include:-					
	Afforestation	PLANTING	34000	42350	NA	-4 strand b/wire fencing with RCC Fence Posts.					
	(1100 Plants/Ha.) - Fencing With RCC Fence Posts	Total	63200	74450		-Interlacing of thorny bushes.					
		Maintenance				-Bush cutting in strips of 3mx3m Digging & Filling of pits of of 45x 45x45 cms size.					
		Ist Year Maintenance	6850	8550	NA	- Planting of 1100 P/bag raised plants.					
		2nd Year Maintenance	4600	5750	NA	-C/o inspeciton Path.					
		3rd to 10th Year Maint.	2400	3000	NA ·	-Fixing of sign board.					
2	Compensatory Afforestation (1100	FENCING	13850	16050	NA	Norms include:-					
		PLANTING	34000	42350	NA	-4 strand b/wire fencing with Wooden Fence Posts.					
	Plants/Ha.) - Fencing with Wooden Fence	Total	47850	58400		-Interlacing of thorny bushes.					
	Posts	Maintenance				 Bush cutting in strips of 1 to 2 mtrs with 3 Mtr spacir Digging & Filling of pits of of 45x 45x45 cms size. 					
		Ist Year Maintenance	6850	8550	NA	- Planting of 1100 P/bag raised plants.					
		2nd Year Maintenance	4600	5750	NA	-C/o inspeciton Path.					
		3rd to 10th Year Maint.	2400	3000	NA	-Fixing of sign board.					
3	Compensatory	FENCING	NA	NA	64050	Norms include:					
	Afforestation	PLANTING	NA	NA	34200	-Fencing with Stone wall (0.5mx1.5m).					
	(1100 Plants/Ha.) -	Total			98250	- Digging & Filling of pits of of 45x 45x45 cms size.					
	Fencing with Stone	Maintenance				- Planting of 1100 P/bag raised plants.					
	Wall	Ist Year Maintenance	NA	NA	41100	-C/o Inspeciton Path.					
		2nd Year Maintenance	NA	NA	26750	-Fixing of sign board Maint. includes irrigation of Plants.					
		3rd Year Maintenance	NA	NA	14350						
		4th to 10th Year Maint.	NA .	NA	7650						

Note: Under Compensatory Afforestation, the maintenance of old plantations is applicable for 10 years.

.No.	Name of Scheme	Name of Component		Norms fo	or 2018-19	Remarks			
			Non Tribal Areas	Tribal-I Areas	Tribal-II Areas (Keylong & Jhalma Ranges of Lahaul Division				
			(Amount in	Rupees)					
11	NORMS FOR PLANTA	TIONS UNDER CAT PLANS EXC	CLUDING NURSRY	COST					
1	Afforestattion	FENCING	29200	32100	NA	Norms include:-			
	(1100 plants/ha.) - Fencing with RCC	PLANTING	26400	32850	NA	 -4 strand b/wire fencing with RCC Fence Posts. -Interlacing of thorny bushes. 			
	Fence Posts	Total	55600	64950		- Digging & Filling of 550 Pits of 45x 45x45 cms Digging & Filling of 550 Pits of 30x 30x30cms.			
		Maintenance				- Planting of 550 P/bag raised plants.			
		1st year Maintenance	5150	6400		- Planting of 550 naked roots Plants.			
		2nd year Maintenance	3500	4350	NA	-Bush cutting in strips of 3m x3m -C/o inspection path.			
		3rd to 5th year Maint.	1800	2250	NA	-Fixing of sign board.			
2	Afforestation/	FENCING	13850	16050	NA	Norms include:4 strand b/wire fencing with Wooden Fence Posts.			
	Energy Plantation/ Timber Plantation/	PLANTING	26400	32850	NA	-Interlacing of thorny bushes Digging & Filling of 550 Pits of 45x 45x45 cms.			
	Fuel & Fodder Plantation	Total	40250	48900		- Digging & Filling of 550 Pits of 30x 30x30cms.			
	(1100 Plants/Ha.)	Maintenance				- Planting of 550 P/bag raised plants.			
	- Fencing with Wooden Fence Posts	1st year Maintenance	5150	6400	NA	- Planting of 550 naked roots PlantsBush cutting in strips of 3m x3m			
		2nd year Maintenance	3500	4350	NA	-C/o inspection path.			
		3rd to 5th year Maint.	1800	2250	NA	-Fixing of sign board.			
3	Enrichment/ Replenishment	FENCING	13850	16050	NA	Norms include:4 strand b/wire fencing with Wooden Fence Posts.			
	Plantation	PLANTING	20250	25200	NA	-Interlacing of thorny bushes Digging & Filling of 400 Pits of 45x 45x45 cms.			
	(800 Plants/Ha.) - Fencing with	Total	34100	41250		- Digging & Filling of 400 Pits of 30x 30x30cms.			
	Wooden Fence Post	S Maintenance				- Planting of 400 P/bag raised plants.			
		1st year Maintenance	3800	4700	NA	- Planting of 400 naked roots PlantsBush cutting in strips of 3m x3m			
		2nd year Maintenance	2600	3200	NA	-C/o inspection path.			
		3rd to 5th year Maint.	1350	1700	NA	-Fixing of sign board.			

.No.	Name of Scheme	Name of Component		Norms fo	or 2018-19	Remarks
À			Non Tribal Tribal-I Tribal-II Areas Areas Areas (Keylong & Jhalma Ranges of Lahaul Division			
			(Amount in Rupees)			
4	Assisted Natural	FENCING	13850	16050	NA	Norms include:-
	Regenration (ANR)	PLANTING	6900	8600	NA	-4 strand b/wire fencing with Wooden Fence Posts.
	Wooden Fence Posts	Total	20750	24650		-Interlacing of thorny bushes Digging & Filling of 125 Pits of 45x 45x45 cms.
		Maintenance				- Digging & Filling of 125 Pits of 30x 30x30cms.
		1st year Maintenance	1300	1600	NA	- Planting of 125 P/bag raised plants.
		2nd year Maintenance	900	1150	NA	- Planting of 125 naked roots Plants.
		3rd to 5th year Maint.	500	650	NA	-Bush cutting/ Cultural Operations.
5	Medicinal/NTFP Plant	tation				
i	Shrubs/Perennial	Fencing Cost	0	0	NA	Norms include: -
	Herbs Plantation	Planting Cost	26800	33550	NA	-Preparing, Digging & filling of 1100 patches.
	(4400 Plants/Ha.)	Maintenance				-Planting 4400 plants in patches@ 4 plants/patch.
		1st year Maintenance	2890	3640	NA	- Bush cutting in strips/ patches.
		2nd year Maintenance	2300	2890	NA	
		3rd year Maintenance	1930	2410	NA	
ii	Herb Plantation	Fencing Cost	0	0	NA	Norms include: -
	(13200 Plants/Ha.)	Planting Cost	26800	33550	NA	-Preparing, Digging & filling of 1100 patches.
		Maintenance				-Planting 13200 plants in patches @ 12 plants/patch.
		1st year Maintenance	2800	3500	NA	- Bush cutting in strips/ patches.
		2nd year Maintenance	2700	3350	NA	
		3rd year Maintenance	2150	2700	NA	

No.	Name of Scheme	Name of Component		Norms for 2	018-19	Remarks				
1			Non-Tribal Areas	Tribal-I Areas	Tribal-II (Keylong & Jhalma Ranges of Lahaul Division					
			(Amount in	Rupees)						
III	NORMS FOR BLANTATIONS	UNDER NPV EXCLUDING NURSI	RV COST							
1	Replenishment &	FENCING	13850	16050	NA	Norms include:-				
	Enhancement of Forest	PLANTING	26400	32850	NA	-4 strand B/wire fencing with Wooden Fence PostsInterlacing of thorny bushes Digging & Filling of 550 Pits of 45x 45x45 cms.				
	Cover (REFC) Plantation (1100 Plants per Ha.)	Total	40250	48900						
	- Fencing with Wooden	Maintenance				- Digging & Filling of 550 Pits of 30x 30x30cms.				
	Fence Posts	1st Year Maintenance	5150	6400	NA	- Planting of 550 P/bag raised plants Planting of 550 naked roots Plants.				
		2nd Year Maintenance	3500	4350	NA NA	- Planting of 350 haked roots FlantsBush cutting in strips of 3m x3m				
						-C/o Inspection path.				
		3rd to 5th Year Maint.	1800	2250	NA	-Fixing of sign board.				
2	Replenishment &	FENCING	13850	16050	NA	Norms include:-				
	Enhancement of Forest	PLANTING	20250	25200	NA	-4 strand B/wire fencing with Wooden Fence PostsInterlacing of thorny bushes.				
	Cover (REFC) Plantation (800 Plants per Ha.)	Total	34100	41250		- Digging & Filling of 400 Pits of 45x 45x45 cms.				
	- Fencing with Wooden	Maintenance				- Digging & Filling of 400 Pits of 30x 30x30cms Planting of 400 P/bag raised plants.				
	Fence Posts	1st Year Maintenance	3800	4700	NA	- Planting of 400 Pybag raised plants.				
		2nd Year Maintenance	2600	3200	NA	-Bush cutting in strips of 3m x3m				
		3rd to 5th Year Maint.	1350	1700	NA	-C/o Inspection pathFixing of sign board.				
		1								
IV	NORMS FOR REHABILITATION	ON OF AREAS INFESTED WITH IN		1						
1	Plantation in Lantana	FENCING (Wooden)	13700	15900	NA	Norms include:4 strand B/wire fencing with Wooden Fence Posts.				
	Cleared Areas (1100 Normal Plants	PLANTING	24600	30600	NA	-Interlacing of thorny bushes.				
	per Ha.)	Total	38300	46500		- Digging & Filling of 550 Pits of 45x 45x45 cms.				
	- Fencing with Wooden	Maintenance				- Digging & Filling of 550 Pits of 30x 30x30cms.				
	Fence Posts	1st Year Maintenance	5150	6400	NA	- Planting of 550 P/bag raised normal plants Planting of 550 naked roots normal plants.				
		2nd Year Maintenance	3500	4350	NA	Planting of 550 naked roots normal plants C/o Inspection path.				
		3rd Year Maint.	1800	2250	NA	-Fixing of sign board.				

. No.	Name of Scheme	Name of Component		Norms for 20	18-19	Remarks				
			Non-Tribal Areas	Tribal-I Areas	Tribal-II (Keylong & Jhalma Ranges of Lahaul Division					
			(Amount in	Rupees)						
2	Plantation in Lantana	FENCING (Wooden)	13700	Norms include:-						
	Cleared Areas (800 Normal Plants	PLANTING	18500	22900	NA	-4 strand B/wire fencing with Wooden Fence Posts -Interlacing of thorny bushes.				
	per Ha.)	Total	32200	38800		- Digging & Filling of 400 Pits of 45x 45x45 cms.				
	- Fencing with Wooden	Maintenance		i Hela		- Digging & Filling of 400 Pits of 30x 30x30cms.				
	Fence Posts	1st Year Maintenance	3800	4700	NA	 Planting of 400 P/bag raised normal plants. Planting of 400 naked roots normal plants. 				
		2nd Year Maintenance	2600	3200	NA	-C/o Inspection path.				
		3rd Year Maint.	1350	1700	NA	-Fixing of sign board.				
2	Blantation in Lordon	FENCING	14750	16800	l NA	Norms include:-				
3	Plantation in Lantana Cleared Areas	PLANTING	38150	46750		- 4 strand B/wire fencing with Wooden Fence Posts.				
	(500 Tall Plants Per Ha.)	Total	52900	63550		- Interlacing of thorny bushes.				
	- Fencing with Wooden	Maintenance	32900	03330		- Digging & Filling of 500 Pits of 60x60x60 cms.				
			3200	3600	NΔ					
	refice Posts									
	Fence Posts NOTE: The plantation norm	1st year Maintenance 2nd year Maintenance 3rd year Maintenance			NA NA eas respectively indic	- Planting of 500 Tall Plants C/o Inspection path Moisture Retension Interventions. cate the upper limit. The actual expenditure for f				
					•					
4	Plantation in Lantana	FENCING	14350	16400		Norms include:-				
	Cleared Areas	PLANTING	16200	19050	NA NA	- 4 strand B/wire fencing with Wooden Fence Posts.				
	(200 Tall Plants Per Ha.)	Total	30550	35450)	- Interlacing of thorny bushes.				
	- Fencing with Wooden	Maintenance				- Digging & Filling of 200 Pits of 60x60x60 cms.				
	Fence Posts	1st year Maintenance	1350	1500	NA NA	- Planting of 200 Tall Plants.				
	-		750	900	NA NA	- C/o Inspection path.				
	1 01100 1 0010	2nd year Maintenance	/30	300	1973	_ c/o mspection patin				

ir. No.	Name of Scheme	Name of Component	P	Norms for 20	18-19	Remarks		
7			Non-Tribal Areas	Tribal-I Areas	Tribal-II (Keylong & Jhalma Ranges of Lahaul Division			
			(Amount in Rupees)					
5	Plantation in Lantana	FENCING	NA	NA	NA NA	New Planting in Lantana Cleared Areas with 500 normal		
,	Cleared Areas	PLANTING	NA	NA	NA	Plants has been discontinued. Under this model of		
11.5	(500 Normal Plants/Ha.)	Total	NA	NA	NA	planting, only Maintenance of plantations raised during		
	- Fencing with Wooden	Maintenance				previous years is applicable.		
	Fence Posts	1st year Maintenance	2250	2800	NA			
	10.100 7 0515	2nd year Maintenance	1550	1900				
		3rd year Maintenance	850	1050				
	OLEADING OF INTEGERS ARE							
	CLEARING OF INFESTED AREA	AS Year-I				Norms include:		
1	Clearing of Areas Infested	Clearing of New Areas	11750	NA	NA	- Cutting/Removal/Disposal of Lantana (CRS method)		
	with Invasive Alien Species upto 25%	Total	11750	IVA	INA	- Cleaning of Lantana (Sprouts) & seeding one time after		
		Maintenance	11/30			first cut for new areas.		
		Year-II:	3150	NA	NA	- Cleaning of Lantana (Sprouts) and seedings three times		
		Ist Maint. of Cleared Areas	3130	INA	140	through out the year for maintenance of areas.		
		Year- III:	1250	NA	NA	- Broadcast sowing of grass seed.		
		2nd Maint. of Cleared Areas	1250			- Tending operations.		
		Year- IV:	1250	NA	NA	-Contingencies for tools, photos, documentation,		
		3rd Maint. of Cleared Areas				workshops etc.		
		Total Maint.	5650					
		Total Cost including maint.	17400	(
				1995, 11				
2	Clearing of Areas Infested	Year-I	10050	NA	NA	Norms include:		
	with Invasive Alien Species	Clearing of New Areas	18850	NA	NA	- Cutting/Removal/Disposal of Lantana (CRS method) - Cleaning of Lantana (Sprouts) & seeding one time after		
	upto 50%	Total	18850		-	first cut for new areas.		
		Maintenance	4500	/ NA	NA	- Cleaning of Lantana (Sprouts) and seedings three times		
N H		Year-II: Ist Maint. of Cleared Areas	4500	INA	INA	through out the year for maintenance of areas.		
		Year- III:	2300	NA	NA	- Broadcast sowing of grass seed.		
		2nd Maint. of Cleared Areas	2300	IVA	INA	- Tending operations.		
C- [Year- IV:	2300	NA	NA	-Contingencies for tools, photos, documentation,		
	N N	3rd Maint. of Cleared Areas	2300	i IVA	INC.	workshops etc.		
		Total Maint.	9100	-		1.0		
		Total Cost including maint.	27950	The state of the state of the state of				
		Total Cost including maint.	2,330					

Sr. No.	Name of Scheme	Name of Component	N	lorms for 20)18-19	Remarks			
7			Non-Tribal Tribal-I Areas Areas		Tribal-II (Keylong & Jhalma Ranges of Lahaul Division				
			(Amount in Rupees)						
3	Clearing of Areas Infested	Year-I				Norms include:			
		Clearing of New Areas	23700	NA	NA	- Cutting/Removal/Disposal of Lantana (CRS method)			
18 12	upto 75%	Total	23700			- Cleaning of Lantana (Sprouts) & seeding one time after			
	upto 7570	Maintenance				first cut for new areas.			
		Year-II: Ist Maint. of Cleared Areas	5200	NA	NA	- Cleaning of Lantana (Sprouts) and seedings three times through out the year for maintenance of areas.			
		Year- III: 2nd Maint. of Cleared Areas	3200	NA	NA	- Broadcast sowing of grass seed Tending operations.			
		Year- IV: 3rd Maint. of Cleared Areas	3200	NA	NA	-Contingencies for tools, photos, documentation, workshops etc.			
		Total Maint.	11600	(
		Total Cost including maint.	35300	(
		Year-I				Norms include:			
4	Clearing of Areas Infested		28600	NA	NA	- Cutting/Removal/Disposal of Lantana (CRS method)			
	with Invasive Alien Species	Clearing of New Areas	28600	IVA	INA	- Cleaning of Lantana (Sprouts) & seeding one time after			
	upto 100%	Total Maintenance	28000			first cut for new areas.			
		Year-II: Ist Maint. of Cleared Areas	5200	NA	NA	- Cleaning of Lantana (Sprouts) and seedings three times through out the year for maintenance of areas.			
		Year- III: 2nd Maint, of Cleared Areas	3200	NA	NA	- Broadcast sowing of grass seed Tending operations.			
		Year- IV: 3rd Maint. of Cleared Areas	3200	NA	NA	-Contingencies for tools, photos, documentation, workshops etc.			
		Total Maint.	11600		0				
		Total Cost including maint.	40200		0				

HIMACHAL PRADESH STATE CAMPA

INDICATIVE NURSERY COST FOR DIFFERENT PLANTATION SCHEMES BASED ON TOTAL PER PLANT COST FOR 2018-19

(Allotment of Funds for Nursery is to be Made Spread Over Different Financial Years as per Chart at Annexure-1)

(At the wage Rate of Rs. 225/- for Non Tribal and Rs.281/- For Tribal Areas)

Plantation Model	Particulars	No. Of		Nurse	ry Cost Per	Ha Spe	cie-wise (Am	ount in Rupee	es)		Remarks
		Plants	Chil & 0	OBL	Ban Sp	ecies	De	odar	Fir/Sp	ruce	
		per Ha.	Non Tribal Areas	Tribal Areas	Non Tribal Areas	Tribal Areas	Non Tribal Areas	Tribal Areas	Non Tribal Areas	Tribal Areas	
NEW NURSERY PROTOCOL											
Normal Plants											
	Total Cost	Per Plant	14.19	17.19	19.47	23.82	18.07	22.01	36.58	43.49	
1100 PLANTS PER HECTARE -Compensatory Afforestation;	New Planting	1100	15609	18909	21417	26202	19877	24211	40238		Per Plant Cost for Raising Normal Plants under New
-CAT Plan Models: Afforestation; Energy Plantation; Timber Plantation; Fuel &	Ist Year Maintenance	330	4683	5673	6425	7861	5963	7263	12071		Nursery Protocol:- - Chil & Other BLs:
Fodder Plantation, etc) -NPV Models: REFC Plantation &	2nd Year Maintenance	220	3122	3782	4283	5240	3975	4842	8048	9568	Non-Tribal = Rs. 14.19 Tribal = Rs. 17.19
Plantation in Lantana Cleared Areas	3rd Year & onward Maint.	110	1561	1891	2142	2620	1988	2421	4024	4784	Non-Tribal = Rs. 19.47
											Tribal = Rs. 23.82 - Deodar:
800 PLANTS PER HECTARE	New Planting	800	11352	13752	15576	19056	14456	17608	- 1227	34792	Non-Tribal = Rs. 18.07
-CAT Plan Models: Enrichment Plantation, Replenishment Plantation;	Ist Year Maintenance	240	3406	4126	4673	5717	4337				Tribal = Rs. 22.01 - Fir/Spruce:
-NPV Models: REFC Plantation & Plantation in Lantana Cleared Areas	2nd Year Maintenance	160	2270	2750	3115	3811	2891				Non-Tribal = Rs. 36.58 Tribal = Rs. 43.49
Figure 1 Cartain Greated Areas	3rd Year & onward Maint.	80	1135	1375	1558	1906	1446	1761	2926	3479	rribal = KS. 43.49
	In state	1 250	3548	4298	4868	5955	4518	5503	9145	10873	
250 PLANTS PER HECTARE	New Planting Ist Year Maintenance	250 75	1064		1460	1787		-	-	3262	4
-CAT Plan Models: Assisted Natural	2nd Year Maintenance	50	710		974	1191				2175	4
Regeneration (ANR)	3rd Year & onward Maint.	25	355		487	596					-
Tall Plants	1										
	Per	Plant Cost	_	58.53	55.42	65.17	-			NA	
500 TALL PLANTS PER HECTARE - NPV Models: Plantation in Lantana	New Planting	500	25080		27710					NA	Per Plant Cost for Raising Ta Plants under New Nursery
Cleared Areas	Ist Year Maintenance	50	2508		2771	3259	0.200			NA	Protocol:- - Chil & Other BLs:
	2nd Year Maintenance	25	1254	1463	1386	1629	1337	1567	NA	NA	Non-Tribal = Rs. 50.16

Plantation Model	Particulars	No. Of		Nurse	STATE OF	Remarks					
		Plants per Ha.	Chil & C	DBL	Ban Spe	ecies	Deodar		Fir/Spruce		
			Non Tribal Areas	Tribal Areas	Non Tribal Areas	Tribal Areas	Non Tribal Areas	Tribal Areas	Non Tribal Areas	Tribal Areas	
	3rd Year Maintenance		502	585	554	652	535	627	NA	NA	Tribal = Rs. 58.53 - Ban:
							1				Non-Tribal = Rs. 55.42
200 TALL PLANTS PER HECTARE	New Planting	200	10032	11706	11084	13034	10696	12532	NA	NA	Tribal = Rs. 65.17 - Deodar: Non-Tribal = Rs. 53.48
								1252	BIA	NA	
	Ist Year Maintenance	20	1003	1171	1108	1303	1070	1253	NA	INA	
- NPV Models: Plantation in Lantana Cleared Areas	Ist Year Maintenance 2nd Year Maintenance	10	502	585	554	652			NA NA	NA NA	

Medicinal/ NTFP Plants Plantation Model	Particulars	No. Of	Nursery (Cost Per Ha	. (Amount	n Rs.)	Remarks
, iditation mode		Plants per Ha.	Shrubs/ Pe		Her	os	
			Non -Tribal Areas	Tribal Areas	Non - Tribal Areas	Tribal Areas	
	Per Plant Cost		5.09	6.39	3.57	4.47	Per Plant Cost for Raising Medicinal Plants under New Nursery Protocol:-
4400 PLANTS PER HECTARE	New Planting	4400	22450	28100	NA	NA	- Shrubs Perennial Herbs:
-CAT Plan Models: Shrubs/Perennial	Ist Year Maintenance	440	2250	2780	NA	NA	Non-Tribal = Rs. 5.09
Herbs Plantation	2nd Year Maintenance	352	1820	2250	NA	NA	Tribal = Rs. 6.39
	3rd Year Maintenance	220	1120	1390	NA	NA	
13200 PLANTS PER HECTARE	New Planting	13200	NA	NA	47100		- Herbs:
-CAT Plan Models: Herbs Plantation	Ist Year Maintenance	660	NA	NA	2350		Non-Tribal = Rs. 3.57
	2nd Year Maintenance	400	NA	NA	1450	1750	Tribal = Rs. 4.47
	3rd Year Maintenance	250	NA	NA	910	1100	

II OLD NURSERY PROTOCOL

A Norm for Raising and Maintenance of Plants as per Old Nursery Protocol

Rates for New Plants to be raised during 2018-19: Non-Tribal Areas = Rs. 5.23 & Tribal Areas = Rs. 5.81

Rates for Maintenance of plants of old nursery protocol available in nurseries for planting during 2018-19: Non-Tribal Areas = Rs. 1.88 & Tribal Areas = Rs. 2.09

iii Rates for Maintenance of balance plants of old nursery protocol available in nurseries to be carried over to next year: Non-Tribal Areas = Rs. 2.14 & Tribal Areas = Rs. 2.67

Principal CCF (HoFF), Himachal Pradesh

Financial Year Wise split of per Plant Nursery Cost for different Species to be raised in Poly Bags for the year 2018-19 at the basic wage rate of ₹225/- per day

Financial		Chil/ Oth	ner BLs			Ва	n			Deo		Fir/ Spruce			
Year						Normal 2½ Year Old)		Tall (3½ Year Old)		Normal (2½ Year Old)		Tall (3½ Year Old)		Normal (4½ Year Old)	
	Non Tribal	Tribal	Non Tribal	Tribal	Non Tribal	Tribal	Non Tribal	Tribal	Non Tribal	Tribal	Non Tribal	Tribal	Non Tribal	Tribal	
lst	7.74	9.12	7.74	9.12	8.70	10.37	8.70	10.37	1.49	1.79	1.49	1.79	1.45	1.74	
2"	4.30	5.38	31.57	35.86	4.31	5.38	4.31	5.38	11.20	13.49	11.20	13.49	7.43	8.99	
3rd	2.15	2.69	7.05	8.80	4.31	5.38	31.57	35.86	3.77	4.71	31.03	35.18	3.77	4.71	
4 th			3.80	4.75	2.15	2.69	7.04	8.81	1.61	2.02	6.50	8.13	18.54	21.32	
5 th							3.80	4.75			3.26	4.07	3.77	4.71	
6 th						••							1.62	2.02	
Total Cost	14.19	17.19	50.16	58.53	19.47	23.82	55.42	65.17	18.07	22.01	53.48	62.66	36.58	43.49	

Pr. Chief Conservator of Forests (Hoff Himachal Pradesh, Shimla

COMPENSATORY AFFORESTATION - FENCING WITH RCC FENCE POSTS Norms for New Plantation in Non-Tribal & Tribal Areas for 2018-19

(Model: 1100 Plants per Hectare - Activity-wise Calculations)

Sr. No.	Particulars of Works	Unit	Qty.	Rate per Unit at the wage rate of Rs. 150/-	Amount @ Rs. 150/- for Non- Tribal areas	Mandays involved	Amount at wage rate of Rs. 225/- for Non- Tribal areas	Amount at the wage rate of Rs. 281/- for Tribal areas
A	SURVEY, DEMARCATION & FENCING:-					HE .		
1	Survey & Demarcation of Plantation Area	ha.	1	101.00		0.67	151.50	189.21
2	Prepration / Purchase of RCC Fence Post	No.	50	250.00	12500.00	0.00	12500.00	12500.00
3	Carriage of RCC Fence Post upto 165 cm long over a distance of 2 km uphill/downhill	KM/ No.	50	33.5	3350.00	22.33	5025.00	6275.67
4	Preparation /Digging of Holes of 20x30x50 cm size	No.	50	9.06	453.00	3.02	679.50	848.62
5	Fixing of RCC Fence Post i/c Strutting	No.	50	7.16	358.00	2.39	537.00	670.65
6	Carriage of B/Wire over distance 2 Kms uphill/downhill	KM/ Qtl.	0.75	73.65	110.48	0.74	165.71	206.96
7	Stretching & Fixing of Barbed Wire in 4 Strands	Rmt.	600	4.80	2880.00	19.20	4320.00	5395.20
8	Interlacing of Thorny Bushes along the Fence	Rmt.	150	4.09	613.50	4.09	920.25	1149.29
9	Cost of Barbed Wire	Qtl.	0.75	6510	4882.50	0.00	4882.00	4882.00
	Total -A/Survey	, Dema	rcatio	n & Fencing			29180.96	32117.59
				Or Say			29200	32100
В.	PLANTING:-				1	7.05	1700 20	2224 51
1	Bush Cutting in Strips (3m x 3m)	ha.	1	1192.80			1789.20	2234.51
2	Digging of Pits of 45x45x45cm Size	No.	1100	1			15741.00	19658.76 5605.01
3	Filling of Pits of 45x45x45 cm size	No.	1100		S 10 10 10 10 10 10 10 10 10 10 10 10 10		4488.00	
4	Carriage of Plants in P. Bags over distance 2 Km uphill/downhill	KM/ No.	1100	1.9	4180.00	27.87	6270.00	
5	Planting of Plants Raised in P/Bags	No.	1100	2.18	2398.00		3597.00	
6	Construction of Inspection Path	Rmt.	100	11	1100.00	7.33	1650.00	2060.67
7	Cost of Sign Board, Carriage & Fixing	No.	0	LS			450.00	450.00
			Total	-B/Planting	:		33985.20	42331.74
				Or Say			34000	42350
-			Grand	Total (A+B)			63200	74450

COMPENSATORY AFFORESTATION - FENCING WITH RCC FENCE POSTS

Norms for Maintenance of old Plantations in Non-Tribal & Tribal Areas for 2018-19

(Model: 1100 Plants per Hectare - Activity-wise Calculations)

Sr. No.	Particulars of Works	Unit	Quantity	Rate per Unit at the wage rate of Rs.150/-	Amount at wage rate of Rs.150/- for Non- Tribal areas	Mandays involved	Amount at the wage rate of Rs. 225/- for Non- Tribal areas	Amount at the wage rate of Rs. 281/- for Tribal areas
	1st YEAR MA	INTENANC	E (30 % BEAT	ING UP):				
1	Re-digging of Pits 45x45x45 cm	No.	330	4.77	1574.10	10.49	2361.15	2948.814
2	Filling of Pits 45x45x45 cm	No.	330	2.72	897.60	5.98	1346.40	1681.504
3	Planting of Plants raised in P/Bags	No.	330	2.18	719.40	4.80	1079.10	1347.676
4	Carriage of Plants in P. Bags over a distance of 2 Km uphill/ downhill	KM/ No.	330	1.9	1254.00	8.36	1881.00	2349.16
5	Repair of Fencing	Rmt	60	1.80	108.00	0.72	162.00	202.32
2	Repair of Fencing		I/Ist Year Mai	ntenance:			6829.65	8529.47
				Or Say			6850	8550
-							1	
	2nd YEAR M	AINTENAN	CE (20 % BEA	TING UP):				
1	Re-digging of Pits 45x45x45 cm	No.	220	4.77	1049.40	7.00	1574.10	1965.88
2	Filling of Pits 45x45x45 cm	No.	220	2.72	598.40	3.99	897.60	
3	Planting of Plants raised in P/Bags	No.	220	2.18	479.60	3.20	719.40	898.45
4	Carriage of Plants in P. Bags over a distance of 2 Km uphill/ downhill	No.	220	1.9	836.00	5.57	1254.00	1566.11
	Density of Consing	Rmt	60	1.80	108.00	0.72	162.00	202.32
5	Repair of Fencing		2nd Year Mai	ntenance:			4607.10	5753.76
		101017		Or Say			4600	5750
	3rd to 10th YEA	R MAINTE					707.05	982.94
1	Re-digging of Pits 45x45x45 cm	No.	110	4.77	524.70		787.05	
2	Filling of Pits 45x45x45 cm	No.	110	2.72		1.99	448.80	
3	Planting of Plants raised in P/Bags	No.	110	2.18	239.80	1.60	359.70	
4	Carriage of Plants in P. Bags over a distance of 2 Km uphill/ downhill	No.	110	1.9	418.00	2.79	627.00	783.05
5	Repair of Fencing	Rmt	60	1.80	0 108.00	0.72	162.00	
2	nepall of reneing	The state of the s	/3rd Year Ma	intenance:			2384.55	
				Or Say			2400	3000

COMPENSATORY AFFORESTATION - FENCING WITH WOODEN FENCE POSTS

Norms for New Plantation in Non-Tribal & Tribal Areas for 2018-19

(Model: 1100 Plants per Hectare - Activity-wise Calculations)

Sr. No.	Particulars of Works	Unit	Qty.	Rate per Unit at wage rate of Rs. 150/-	Amount @ Rs. 150/- for Non- Tribal areas	Mandays involved	Amount @ Rs. 225/- for Non- Tribal areas	Amount @ Rs. 281/- for Tribal areas
Α	SURVEY, DEMARCATION & FENCING:-							
1	Survey & Demarcation of Plantation Area	ha.	1	101.00	101.00	0.67	151.50	189.21
2	Cutting and preparation of wooden fence posts 1.85 mt long and 8 to 10 cm dia including debarking and fashioning the top 1.5 cms in conical shape	No.	50	12.95	647.50	4.32	971.25	1212.98
3	Carriage of wooden Fence Post over a distance of 2 km	KM/ No.	50	6.82	682.00	4.55	1023.00	1277.61
4	Charring and coaltaring of ends of fence posts up to 45 at bottom and 15 cms at conical end	No.	50	2.8	140.00	0.93	210.00	262.27
5	Preparation /Digging of Holes of 20 to 30 cm dia and 45 cm deep	No.	50	9.07	453.50	3.02	680.25	849.56
6	Fixing of wooden Fence Post i/c Strutting	No.	50	7.16	358.00	2.39	537.00	670.65
7	Carriage of B/Wire over a distance of 2 Kms	KM/ Qtl.	0.75	73.65	110.48	0.74	165.71	206.96
8	Stretching & Fixing of Barbed Wire in 4 Strands	Rmt.	600	4.80	2880.00	19.20	4320.00	5395.20
9	Interlacing of Thorny Bushes along the Fence	Rmt.	150	4.00	600.00	4.00	900.00	1124.00
10	Cost of Barbed Wire	Qtl.	0.75	6510	4882.50	0.00	4882.50	4882.50
10	Total -A/Surve		rcation	& Fencing:			13841.21	16070.94
				Or Say			13850	16050
В.	PLANTING:-		No.					
1	Bush Cutting in Strips 1 to 2 mtrs wide with spacing of 3mtrs	ha.	1	1192.80	1192.80	7.95	1789.20	
2	Digging of Pits of 45x45x45 cm Size	No.	1100	9.54			15741.00	19658.76
3	Filling of Pits of 45x45x45 cm size	No.	1100	2.72	2992.00		4488.00	5605.03
4	Carriage of Plants in P. Bags over distance 2 Km uphill	KM/ No.	1100	1.9	4180.00	27.87	6270.00	
5	Planting of Plants Raised in P/Bags	No.	1100	2.18			3597.00	
6	Construction of Inspection Path 60 cms wide	Rmt.	100	11	1100.00	7.33	1650.00	2060.67
7	Cost of Sign Board, Carriage & Fixing	No.	1	LS	450.00	0.00	450.00	450.00
7	COST OF SIGHT BOOKER, CATTRAGE & FIXING			-B/Planting:			33985.20	42331.74
				34000	42350			
			Connel	Or Say Total (A+B):			47850	5840

COMPENSATORY AFFORESTATION - FENCING WITH WOODEN FENCE POSTS Norms for Maintenance of old Plantations in Non-Tribal & Tribal Areas for 2018-19

(Model: 1100 Plants per Hectare - Activity-wise Calculations)

Sr. No.	Particulars of Works	Unit	QTY.	Rate per Unit (Rs.) at the wage rate of Rs. 150/-	Amount at wage rate of Rs.150/- for Non Tribal areas	Mandays involved	Amount at wage rate of Rs.225/- for Non- Tribal areas	Amount at wage rate of Rs.281/-for Tribal areas
	1c+ VEA	D MAINT	ENANG	CE (30 % BE	ATING UP):			
1		No.	330	4.77	1574.10	10.49	2361.15	2948.81
1	Re-digging of Pits 45x45x45 cm	No.	330	2.72	897.60	5.98	1346.40	1681.50
3	Filling of Pits 45x45x45 cm Planting of Plants raised in P/Bags	No.	330	2.18		4.80	1079.10	1347.68
4	Carriage of Plants in P. Bags over distance 2 Km uphill	KM/ No.	330	1.9	1254.00	8.36	1881.00	2349.16
5	Repair of Fencing	Rmt	60	1.80	108.00	0.72	162.00	202.32
			ear Ma	intenance:			6829.65	8529.47
				Or Say			6850	8550
1		No.	220	CE (20 % BI	1049.40	7.00	1574.10	1965.88
1	Re-digging of Pits 45x45x45 cm				1049.40	7.00		
2	Filling of Pits 45x45x45 cm	No.	220	2.72		3.99	897.60	1121.00
3	Planting of Plants raised in P/Bags	No.	220	2.18			719.40	898.45
4	Carriage of Plants in P/Bags over distance 2 Km uphill	No.	220	1.9	836.00	5.57	1254.00	
5	Repair of Fencing	Rmt	60	1.80	108.00	0.72	162.00	
	Tot	tal/2nd Y	ear Ma	aintenance:			4607.10	CONTRACTOR DESCRIPTION OF THE PROPERTY OF THE
				Or Say			4600	5750
	2rd to 10th	VEAR M	AINTE	VANCE (10	% BEATING L	JP):		
1	Re-digging of Pits 45x45x45 cm	No.	110				787.05	982.94
2	Filling of Pits 45x45x45 cm	No.	110				448.80	560.50
3	Planting of Plants raised in P/Bags	No.	110			1.60	359.70	449.23
4	Carriage of Plants in P/Bags over distance 2 Km uphill	No.	110	1.9	418.00	2.79	627.00	
5	Repair of Fencing	Rmt	60	1.80	108.00	0.72	162.00	
	Total		r Main	tenance:			2384.55	
		THE PART OF		Or Say			2400	3000

COMPENSATORY AFFORESTATION - FENCING WITH STONE WALL

Norms for **New Plantation** in Tribal-II Areas (Keylong & Jahalma Ranges of Lahaul Division) for 2018-19

(Model: 1100 Plants per Hectare - Activity-wise Calculations)

Sr. No.	Particulars of Works	Unit	Qnty	Rate per Unit at wage rate of Rs. 150/- of Kullu circle	Amount at wage rate of Rs. 150/-	Mandays	Norm at wage rate of Rs. 281/=
A	SURVEY, DEMARCATION & FENCING:-						
1	Survey & Demarcation of Plantation Area	Ha.	1	102.32	102.32	0.68	191.68
2	Stonewall fence 0.5x1.5 mtrs high	Rmt.	100	340.92	34091.95	227.28	63865.58
	Total - A/Survey, Demarcation	n & Fend	ing:				64057.26
		Or Say	,				64050
В.		PLA	NTING:				
1	Bush Cutting in Strips (3m x 3m)	ha.	0	0.00	0.00	0.00	0.00
2	Digging of Pits of 45x45x45 cm Size	No.	1100	9.54	10489.01	69.93	19649.40
3	Filling of Pits of 45x45x45 cm size	No.	1100	2.72	2993.49	19.96	5607.81
4	Carriage of Plants in P. Bags over distance 2 Km uphill	KM/ No.	1100	1.91	2097.80	13.99	3929.88
5	Planting of Plants Raised in P/Bags	No.	1100	2.19	2404.22	16.03	4503.91
6	Construction of Inspection Path	Rmt.	0	10.93	0.00	0.00	0.00
7	Cost of Sign Board, Carriage & Fixing	No.	1		500.00	0.00	500.00
		I -B/Plan	nting:				34191.00
			Or Say				34200
	Grand To	otal (A+E	3):				98250

COMPENSATORY AFFORESTATION - FENCING WITH STONE WALL

Norms for **Maintenance of old Plantations** in Tribal-II Areas (Keylong & Jahalma Ranges of Lahaul Division) for 2018-19

(Model: 1100 Plants per Hectare - Activity-wise Calculations)

Sr. No.	Particulars of Works	Unit	Qty.	Rate per Unit at wage rate of Rs.150/-	Amount at wage rate of Rs.150/- for Tribal areas	Mandays involved	Amount at wage rate of Rs. 281/- for Tribal areas
	1st YEAR MAINTEN	ANICE /2	0 % PE	ATING LIP).			11
		No.	330	4.77	1574.10	10.49	2948.81
1	Re-digging of Pits 45x45x45 cm	No.	330	2.72	897.60	5.98	1681.50
2	Filling of Pits 45x45x45 cm	No.	330	2.18	719.40	4.80	1347.68
3	Planting of Plants raised in P/Bags	KM/	330	1.9	1254.00	8.36	2349.16
4	Carriage of Plants in P. Bags over	No.	330	1.5	123 1100		
	distance 2 Km uphill/downhill	LS					32800.00
5	Watering including carriage	100000	Maint	enance:			41127.15
	Total	ist real	iviaiiit	Or say			41100
	2nd YEAR MAINTEN	IANCE 12	00 % RF	The second secon			41
		No.	220	4.77	1049.4	7	1967.00
1	Re-digging of Pits 45x45x45 cm	No.	220	2.72	598.40	3.99	1121.19
2	Filling of Pits 45x45x45 cm	No.	220	2.18		3.20	899.20
3	Planting of Plants raised in P/Bags	No.	220	1.9		5.57	1565.17
4	Carriage of Plants in P. Bags over a distance of 2 Km uphill/ downhill	No.	220		030.00		
5	Watering	LS					21200.00
	Total/	2nd Year	r Maint	enance:			26752.56
				Or Say			26750
	3rd YEAR MAINTEN	T				2.50	983.50
1	Re-digging of Pits 45x45x45 cm	No.	110	4.77			
2	Filling of Pits 45x45x45 cm	No.	110	2.72			559.19 449.60
3	Planting of Plants raised in P/Bags	No.	110	2.18			
4	Carriage of Plants in P. Bags over a distance of 2 Km uphill/ downhill	No.	110	1.9	209	2.79	783.99
5	Watering	LS					11600.00
		3rd Yea	r Maint	tenance:			14376.28
		W.7-27		Or Say			14350
	4th to 10th YEAR MAIN	TENAN	CE (10	% BEATING	UP):		
1	Re-digging of Pits 45x45x45 cm	No.	110	4.77	524.7		
2	Filling of Pits 45x45x45 cm	No.	110	2.72	299.2		
3	Planting of Plants raised in P/Bags	No.	110	2.18	239.8	_	
4	Carriage of Plants in P. Bags over a distance of 2 Km uphill/ downhill	No.	110	1.9	209	2.79	783.99
		LS					4890.00
1 -	Watering						7666.28
5	Tatal	/Ath Von	r Main	tenance:			/000.20

PLANTATIONS UNDER CAT PLANS - FENCING WITH RCC FENCE POSTS

Norm for **New Plantation** in Non-Tribal & Tribal Areas for 2018-19 (Model: 1100 Plants per Hectare - Activity-wise Calculations)

Sr. No.	Particulars of Works	Unit	Qty.	Rate per Unit at the wage rate of Rs.150/-	Amount at wage rate of Rs. 150/- for Non- Tribal areas	Mandays involved	Amount at wage rate of Rs. 225/- for Non- Tribal areas	Amount at wage rate of Rs. 281/- for Tribal areas
A	SURVEY, DEMARCATION & FENCING:-		-	101.00	101.00	0.67		
1	Survey & Demarcation of Plantation Area	ha.	1	101.00		0.67	151.50	189.21
2	Prepration / Purchase of RCC Fence Post	No.	50	250.00	12500.00	0.00	12500.00	12500.00
3	Carriage of RCC Fence Post upto 165 cm long over a distance of 2 km uphill/downhill	KM/ No.	50	33.5	3350.00	22.33	5025.00	6275.67
4	Preparation /Digging of Holes of 20x30x50	No.	50	9.06	453.00	3.02	679.50	848.62
5	Fixing of RCC Fence Post i/c Strutting	No.	50	7.16	358.00	2.39	537.00	670.65
6	Carriage of B/Wire over distance 2 Kms uphill/downhill	KM/ Qtl.	0.75	73.65	110.48	0.74	165.71	206.96
7	Stretching & Fixing of Barbed Wire in 4 Strands	Rmt.	600	4.80	2880.00	19.20	4320.00	5395.20
8	Interlacing of Thorny Bushes along the Fence	Rmt.	150	4.09	613.50	4.09	920.25	1149.29
9	Cost of Barbed Wire	Qtl.	0.75	6510	4882.50	0.00	4882.50	4882.50
	Total -A/Sur	vey, Dema	rcation	& Fencing:			29181.46	32118.09
				Or Say			29200	32100
B.	PLANTING:-					-	1700 00	2224.54
1	Bush Cutting in Strips (3m x 3m)	ha.	1	1192.80		7.95	1789.20	2234.51
2	Digging of Pits of 45x45x45 cm Size	No.	550	9.54		34.98	7870.50 3935.25	9829.38 4914.69
3	Digging of Pits of 30x30x30 cm Size	No.	550	4.77		17.49 9.97	2244.00	2802.51
4	Filling of Pits of 45x45x45 cm size	No.	550 550	2.72 1.91		7.00	1575.75	1967.94
6	Filling of Pits of 30x30x30 cm size Carriage of Plants in P. Bags over distance 2 Km uphill/downhill	No. KM/ No.	550	1.9		13.93	3135.00	3915.27
7	Carriage of naked root Plants over a distance 2 Km uphill/downhill	KM/ No.	550	0.26	286.00	1.91	429.00	535.77
		No.	550	2.18	1199.00	7.99	1798.50	2246.13
8	IPlanting of Plants Raised in P/Bags	The state of the s		1.83	-	6.71	1509.75	1885.51
8	Planting of Plants Raised in P/Bags Planting of Plants with naked roots	No.	550	1.05				
9	Planting of Plants with naked roots	No. Rmt.	_	11		7.33	1650.00	2060.67
9 10	Planting of Plants with naked roots Construction of Inspection Path		100		1100.00		1650.00 450.00	450.00
9	Planting of Plants with naked roots	Rmt.	100	11 LS	1100.00	7.33		2060.67 450.00 32842.37 3285 0

PLANTATIONS UNDER CAT PLANS - FENCING WITH RCC FENCE POSTS

Norm for Maintenance of old Plantations in Non-Tribal & Tribal Areas for 2018-19 (Model: 1100 Plants per Hectare - Activity-wise Calculations)

Sr. No.	Particulars of Works	Unit	Qty	Rate per Unit at wage rate of Rs.150/-	Amount at wage rate of Rs. 150/- for Non- Tribal areas	Mandays involved	Amount at wage rate of Rs. 225/- for Non- Tribal areas	Amount at wage rate of Rs. 281/- for Tribal areas
	1st YE.	AR MAINTE	NANCE	(30 % BEA	TING UP):			***
1	Re-digging of Pits 45x45x45 cm	No.	165	4.77	787.05	5.25	1180.58	1474.41
2	Re-digging of Pits 30x30x30 cm	No.	165	2.38	392.70	2.62	589.05	735.66
3	Filling of Pits 45x45x45 cm	No.	165	2.72	448.80	2.99	673.20	840.75
4	Filling of Pits 30x30x30 cm	No.	165	1.91	315.15	2.10	472.73	590.38
5	Planting of Plants raised in P/Bags	No.	165	2.18	359.70	2.40	539.55	673.84
6	Planting of Plants with naked roots	No.	165	1.83	301.95	2.01	452.93	565.65
7	Carriage of Plants in P. Bags over distance 2 Km uphill/downhill	KM/ No.	165	1.9	627.00	4.18	940.50	1174.58
8	Carriage of naked root plants over a distance 2 Km up/downhill	KM/ No.	165	0.26	85.80	0.57	128.70	160.73
9	Repair of Fencing	Rmt	60	1.80	108.00	0.72	162.00	202.32
		Total/Ist Y	ear Ma	intenance:			5139.23	6418.32
				Or Say			5150	6400
	2nd YE	AR MAINTE	NANCE	(20 % BEA	TING UP):			
1	Re-digging of Pits 45x45x45 cm	No.	110	4.77	524.70	3.50	787.05	982.94
2	Re-digging of Pits30x30x30cm	No.	110	2.38	261.80	1.75	392.70	490.44
3	Filling of Pits 45x45x45 cm	No.	110	2.72	299.20	1.99	448.80	560.50
4	Filling of Pits 30x30x30 cm	No.	110	1.91	210.10	1.40	315.15	393.59
5	Planting of Plants raised in P/Bags	No.	110	2.18	239.80	1.60	359.70	449.23
6	Planting of Plants with naked roots	No.	110	1.83	201.30	1.34	301.95	377.10
7	Carriage of Plants in P/Bags over a distance of 2 Km up/downhill	No.	110	1.9	418.00	2.79	627.00	783.05
8	Carriage of Plants in P. Bags over distance 2 Km uphill/downhill	No.	110	0.26	57.20	0.38	85.80	107.15
9	Repair of Fencing	Rmt	60	1.80	108.00	0.72	162.00	202.32
	Т	otal/2nd Y	ear Mai	ntenance:			3480.15	4346.32
- 1				Or Say			3500	4350
	3rd to 5th				EATING UP):			
1	Re-digging of Pits 45x45x45 cm	No.	55	4.77	262.35	1.75	393.53	491.47
	Re-digging of Pits 30x30x30 cm	No.	55	2.38	130.90	0.87	196.35	245.22
3	Filling of Pits 45x45x45 cm	No.	55	2.72	149.60	1.00	224.40	280.25
4	Filling of Pits 30x30x30 cm	No.	55	1.91	105.05	0.70	157.58	196.79
5	Planting of Plants raised in P/Bags	No.	55	2.18	119.90	0.80	179.85	224.61
6	Planting of Plants with naked roots	No.	55	1.83	100.65	0.67	150.98	188.55
7	Carriage of Plants in P. Bags over a distance 2 Km uphill/downhill	No.	55	1.9	209.00	1.39	313.50	391.53
- 1	Carriage of Plants in P. Bags over distance 2 Km uphill/downhill	No.	55	0.26	28.60	0.19	42.90	53.58
_	Repair of Fencing	Rmt	60	1.80	108.00	0.72	162.00	202.32
		otal/3rd Ye	ear Mai	ntenance:			1821.08	2274.32
				Or Say			1800	2250

PLANTATIONS UNDER CAT PLANS - FENCING WITH WOODEN FENCE POSTS

Norm for **New Plantation** in Non-Tribal & Tribal Areas for 2018-19 (Model: 1100 Plants per Hectare - Activity-wise Calculations)

Sr. No.	Particulars of Works	Unit	Qty	Rate per Unit at wage rate of Rs.150/-	Amount at wage rate of Rs. 150/- for Non- Tribal areas	Mandays involved	Amount at wage rate of Rs. 225/- for Non- Tribal areas	Amount at wage rate of Rs. 281/- for Tribal areas
A	SURVEY, DEMARCATION & FENCING:-							
1	Survey & Demarcation of Plantation Area	ha.	1	101.00	101.00	0.67	151.50	189.21
2	Cutting and preparation of wooden fence posts 1.85 mt long and 8 to 10 cm dia including debarking and fashioning the top 1.5 cms in conical shape	No.	50	12.95	647.50	4.32	971.25	The Million of the Control
3	Carriage of wooden Fence Post over a distance of 2 km	KM/ No.	50	6.82	682.00	4.55	1023.00	1277.61
4	Charring and coaltaring of ends of fence posts up to 45 at bottom and 15 cms at conical end	No.	50	2.8	140.00	0.93	210.00	262.27
5	Preparation /Digging of Holes of 20 to 30 cm dia and 45 cm deep	No.	50	9.07	453.50	3.02	680.25	849.56
6	Fixing of wooden Fence Post i/c Strutting	No.	50	7.16	358.00	2.39	537.00	670.65
7	Carriage of B/Wire over a distance of 2 Kms	KM/ Qtl.	0.75	73.65	110.48	0.74	165.71	206.96
8	Stretching & Fixing of Barbed Wire in 4 Strands	Rmt.	600	4.80	2880.00	19.20	4320.00	5395.20
9	Interlacing of Thorny Bushes along the Fence	Rmt.	150	4.00	600.00	4.00	900.00	1124.00
10	Cost of Barbed Wire	Qtl.	0.75	6510	4882.50	0.00	4882.50	4882.50
	Total -A/Survey, De	marca	tion &	Fencing:			13841.21	16070.94
				Or Say			13850	16050
B.	PLANTING:-							
1	Bush Cutting in Strips (3m x 3m)	ha.	1	1192.80	1192.80	7.95	1789.20	2234.51
2	Digging of Pits of 45x45x45 cm Size	No.	550		5247.00	34.98	7870.50	9829.38
3	Digging of Pits of 30x30x30 cm Size	No.	550	4.77		17.49	3935.25	4914.69
4	Filling of Pits of 45x45x45 cm size	No.	550	2.72	1496.00	9.97	2244.00	2802.51
5	Filling of Pits of 30x30x30 cm size	No.	550	1.91	1050.50	7.00	1575.75	1967.94
6	Carriage of Plants in P. Bags over distance of 2 Km uphill/downhill	KM/ No.	550	1.9	2090.00	13.93	3135.00	3915.27
7	Carriage of naked root Plants over a distance of 2 Km uphill/downhill	KM/ No.	550	0.26	286.00	1.91	429.00	535.77
8	Planting of Plants Raised in P/Bags	No.	550	2.18	1199.00	7.99	1798.50	2246.13
9	Planting of Plants with naked roots	No.	550	1.83	1006.50	6.71	1509.75	1885.51
10	Construction of Inspection Path	Rmt.	100	11	1100.00	7.33	1650.00	2060.67
11	Cost of Sign Board, Carriage & Fixing	No.	0	LS	450.00	0.00	450.00	450.00
		Tot	tal -B/	Planting: Or Say			26386.95 26400	32842.37 32850
1100		C		al (A+B):			40250	48900

PLANTATIONS UNDER CAT PLANS - FENCING WITH WOODEN FENCE POSTS

Norm for Maintenance of old Plantations in Non-Tribal & Tribal Areas for 2018-19 (Model: 1100 Plants per Hectare - Activity-wise Calculations)

Sr. No.	Particulars of Works	Unit	Quantity	Rate per Unit at wage rate of Rs.150/-	Amount at wage rate of Rs. 150/- for Non- Tribal areas	Mandays involved	Amount at wage rate of Rs. 225/- for Non- Tribal areas	Amount at wage rate of Rs. 281/- for Tribal areas
	1st YEAR MA	INTENA	NCE /30 %	REATING	IID).			
1	Re-digging of Pits 45x45x45 cm	No.	165	4.77	787.05	5.25	1180.58	1474.41
2	Re-digging of Pits 45x45x45 cm	No.	165	2.38	392.70	2.62	589.05	735.66
3	Filling of Pits 45x45x45 cm	No.	165	2.72	448.80	2.99	673.20	840.75
4	Filling of Pits 30x30x30 cm	No.	165	1.91	315.15	2.10	472.73	590.38
5	Planting of Plants raised in P/Bags	No.	165	2.18	359.70	2.40	539.55	673.84
6	Planting of Plants with naked roots	No.	165	1.83	301.95	2.01	452.93	565.65
7	Carriage of Plants in P. Bags over	KM/	165	1.9	627.00	4.18	940.50	1174.58
,	distance 2 Km uphill/downhill	No.						
8	Carriage of naked root plants over a	KM/	165	0.26	85.80	0.57	128.70	160.73
0	distance 2 Km uphill/downhill	No.						
9	Repair of Fencing	Rmt	60	1.80	108.00	0.72	162.00	202.32
		APO 31 YEAR		ntenance:			5139.23	6418.32
				Or Say			5150	6400
	2nd YEAR MA	INTENA	NCE (20 %					
1	Re-digging of Pits 45x45x45 cm	No.	110	4.77	524.70	3.50	787.05	982.94
2	Re-digging of Pits30x30x30cm	No.	110	2.38	261.80	1.75	392.70	490.44
3	Filling of Pits 45x45x45 cm	No.	110	2.72	299.20	1.99	448.80	560.50
4	Filling of Pits 30x30x30 cm	No.	110	1.91	210.10	1.40	315.15	393.59
5	Planting of Plants raised in P/Bags	No.	110	2.18	239.80	1.60	359.70	449.23
6	Planting of Plants with naked roots	No.	110	1.83	201.30	1.34	301.95	377.10
7	Carriage of Plants in P. Bags over a distance of 2 Km uphill/downhill	No.	110	1.9	418.00	2.79	627.00	783.05
8	Carriage of Plants in P. Bags over distance 2 Km uphill/downhill	No.	110	0.26	57.20	0.38	85.80	107.15
9	Repair of Fencing	Rmt	60	1.80	108.00	0.72	162.00	202.32
	То	tal/2nd	Year Mai	ntenance:			3480.15	4346.32
				Or Say			3500	4350
	3rd to 5th YEAR	MAINTE	NANCE (1			Stan No.		
1	Re-digging of Pits 45x45x45 cm	No.	55	4.77			393.53	
2	Re-digging of Pits 30x30x30 cm	No.	55	2.38		-	196.35	
3	Filling of Pits 45x45x45 cm	No.	55	2.72			224.40	The state of the s
4	Filling of Pits 30x30x30 cm	No.	55	1.91			157.58	
5	Planting of Plants raised in P/Bags	No.	55	2.18	The Control of the Co	1	179.85	
6	Planting of Plants with naked roots	No.	55	1.83			150.98	
7	Carriage of Plants in P. Bags over a distance 2 Km uphill/downhill	No.	55	1.9	209.00	1.39	313.50	
8	Carriage of Plants in P. Bags over distance 2 Km uphill/downhill	No.	55	0.26	28.60	0.19	42.90	53.58
0	Repair of Fencing	Rmt	60	1.80	108.00	0.72	162.00	202.32
9	Total		ar Mainte				1821.08	2274.32
- 1	10.0	,		Or Say			1800	2250

PLANTATIONS UNDER CAT PLANS - FENCING WITH WOODEN FENCE POSTS

Norm for ENRICHMENT PLANTATION in Non-Tribal & Tribal Areas for 2018-19

(Model: 800 Plants per Hectare - Activity-wise Calculations)

Sr. No.	Particulars of Works	Unit	Qty.	Rate per Unit at wage rate of Rs.150/-	Amount at wage rate of Rs. 150/- for Non- Tribal areas	Mandays involved	Amount at wage rate of Rs. 225/- for Non- Tribal areas	Amount at wage rate of Rs. 281/- for Tribal areas
	CHANGE PERSONAL SERVING							
A	SURVEY, DEMARCATION & FENCING:-	ha	1	101.00	101.00	0.67	151.50	189.21
1	Survey & Demarcation of Plantation Area	ha.	1	101.00	101.00	0.07	151.50	103.21
2	Cutting and preparation of wooden fence posts 1.85 mt long and 8 to 10 cm dia including debarking and fashioning the top 1.5 cms in conical shape	No.	50	12.95	647.50	4.32	971.25	1212.98
3	Carriage of wooden Fence Post over a distance of 2 km	KM/ No.	50	6.82	682.00	4.55	1023.00	1277.61
4	Charring and coaltaring of ends of fence posts up to 45 CM at bottom and 15 cms at conical end	No.	50	2.8	140.00	0.93	210.00	262.27
5	Preparation /Digging of Holes of 20 to 30 cm dia and 45 cm deep	No.	50	9.07	453.50	3.02	680.25	849.56
6	Fixing of wooden Fence Post i/c Strutting	No.	50	7.16	358.00	2.39	537.00	670.65
7	Carriage of B/Wire over a distance of 2 Kms	KM/ Qtl.	0.75	73.65	110.48	0.74	165.71	206.96
8	Stretching & Fixing of Barbed Wire in 4 Strands	Rmt.	600	4.80	2880.00	19.20	4320.00	5395.20
9	Interlacing of Thorny Bushes along the Fence	Rmt.	150	4.00	600.00	4.00	900.00	1124.00
10	Cost of Barbed Wire	Qtl.	0.75	6510	4882.50	0.00	4882.50	4882.50
Alte SHEEL	Total -A/Survey, [emarca	tion 8	Fencing:			13841.21	16070.94
18%				Or Say			13850	16050
B.	PLANTING:-		-	1102.00	1192.80	7.95	1789.20	2234.51
1	Bush Cutting in Strips (3m x 3m)	ha.	400	9.54		25.44	5724.00	7148.64
2	Digging of Pits of 45x45x45 cm Size	No.	400	4.77	1908.00	12.72	2862.00	3574.32
3	Digging of Pits of 30x30x30 cm Size	No.	400	2.72	1088.00	7.25	1632.00	2038.19
4	Filling of Pits of 45x45x45 cm size Filling of Pits of 30x30x30 cm size	No.	400	1.91	764.00	5.09	1146.00	1431.23
6	Carriage of Plants in P. Bags over	KM/	400	1.9		10.13	2280.00	2847.47
7	distance 2 Km uphill/downhill Carriage of naked root Plants over a	No.	400	0.26	208.00	1.39	312.00	389.65
	distance 2 Km uphill/downhill	No.	100	2.10	972.00	5.81	1308.00	1633.55
8	Planting of Plants Raised in P/Bags	No.	400	2.18		4.88	1098.00	
9	Planting of Plants with naked roots	No.	100	1.83	The second secon	7.33	1650.00	
10	Construction of Inspection Path	Rmt.	-	LS		0.00	450.00	
11	Cost of Sign Board, Carriage & Fixing	No.	0	LS	450.00	0.00	20251.20	
7	lota	l -B/Plar	Or Sa	v		F-103	20250	The second secon
		Grand To					34100	Marie Committee

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PLANTATIONS UNDER CAT PLANS - FENCING WITH WOODEN FENCE POSTS Norm for MAINTENANCE OF ENRICHMENT PLANTATIONS in Non-Tribal & Tribal Areas

for 2018-19

(Model: 800 Plants per Hectare - Activity-wise Calculations)

Sr. No.	Particulars of Works	Unit	Qty.	Rate per Unit at wage rate of Rs.150/-	Amount at wage rate of Rs. 150/- for Non- Tribal areas	Mandays involved	Amount at wage rate of Rs. 225/- for Non- Tribal areas	Amount at wage rate of Rs. 281/- for Tribal areas
	1ct VEA	R MAINTENA	NCE /30	% REATING	G LIDI-			
1	Re-digging of Pits 45x45x45 cm	No.	120	4.77	572.40	3.82	858.60	1072.30
2	Re-digging of Pits 30x30x30 cm	No.	120	2.38	285.60	1.90	428.40	535.02
3	Filling of Pits 45x45x45 cm	No.	120	2.72	326.40	2.18	489.60	611.46
4	Filling of Pits 30x30x30 cm	No.	120	1.91	229.20	1.53	343.80	429.37
5	Planting of Plants raised in P/Bags	No.	120	2.18	261.60	1.74	392.40	490.06
6	Planting of Plants with naked roots	No.	120	1.83	219.60	1.46	329.40	411.38
7	Carriage of Plants in P. Bags over	KM/	120	1.9	456.00	3.04	020110	
,	distance of 2 Km uphill/downhill	No.	120	1.5	450.00	3.01	684.00	854.24
8	Carriage of naked root plants over a	KM/	120	0.26	62.40	0.42	00 1100	00 1121
0		No.	120	0.20	02.40	0.42	93.60	116.90
0	distance of 2 Km uphill/downhill	Rmt	60	1.80	108.00	0.72	162.00	202.32
9	Repair of Fencing			ntenance:	2521.20	16.81	3781.80	4723.05
		TOTAL/1ST	rear Iviali	Or Say	3650.00	10.01	3800	4700
	2 d VEA	R MAINTENA	NICE (20				3000	4700
4			80	4.77	381.60	2.54	572.40	714.86
1	Re-digging of Pits 45x45x45 cm	No.		2.38	190.40	1.27	285.60	356.68
2	Re-digging of Pits30x30x30cm	No.	80	2.72	217.60	1.45	326.40	407.64
3	Filling of Pits 45x45x45 cm	No.	80	1.91	152.80	1.02	229.20	286.25
4	Filling of Pits 30x30x30 cm	No.	80		174.40	1.16	261.60	326.71
5	Planting of Plants raised in P/Bags	No.	80	2.18	146.40	0.98	219.60	274.26
6	Planting of Plants with naked roots	No.	80	1.83			219.00	2/4.20
7	Carriage of Plants in P/Bags over a	No.	80	1.9	304.00	2.03	456.00	569.49
•	distance of 2 Km uphill/downhill	Ne	80	0.26	41.60	0.28	430.00	303.43
8	Carriage of Plants in P/Bags over	No.	80	0.20	41.00	0.20	62.40	77.93
12	distance of 2 Km uphill/downhill	Dont	60	1.80	108.00	0.72	162.00	202.32
9	Repair of Fencing	Rmt Total/2nd \			1716.80	11.45	2575.20	
		Total/2nd 1	rear Iviali	Or Say		11.43	2600	
	2-da- Fab X	YEAR MAINT	ENIANCE			CONTRACTOR OF THE PARTY OF THE	2000	3200
					190.80	1.27	286.20	357.43
1	Re-digging of Pits 45x45x45 cm	No.	40	4.77	95.20	0.63	142.80	
2	Re-digging of Pits 30x30x30 cm	No.	40	2.38		0.63	163.20	
3	Filling of Pits 45x45x45 cm	No.	40	2.72	108.80		114.60	
4	Filling of Pits 30x30x30 cm	No.	40	1.91	76.40	0.51	130.80	
5	Planting of Plants raised in P/Bags	No.	40	2.18	87.20	0.58		
6	Planting of Plants with naked roots	No.	40	1.83	73.20	0.49	109.80	157.13
7	Carriage of Plants in P/Bags over a	No.	40	1.9	152.00	1.01	220.00	204 75
	distance of 2 Km uphill/downhill			0.00	20.00	0.11	228.00	284.75
8	Carriage of Plants in P/Bags over	No.	40	0.26	20.80	0.14	24.20	20.07
	distance of 2 Km uphill/downhill	4			400.05	0.70	31.20	
9	Repair of Fencing	Rmt	60	1.80	108.00	0.72	162.00	
		Total/3rd \	ear Mai		912.40	6.08	1368.60	
				Or Say	1300	la e	1350	1700

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PLANTATIONS UNDER CAT PLANS - FENCING WITH WOODEN FENCE POSTS Norm for ASSISTED NATURAL REGENERATION (ANR) PLANTATION in Non-Tribal & Tribal Areas for 2018-19

(Model: 250 Plants per Hectare - Activity-wise Calculations)

Sr. No.	Particulars of Works	Unit	Qty.	Rate per Unit at the wage rate of Rs.150/-	Amount at the wage rate of Rs. 150/- for Non- Tribal areas	Mandays involved	Amount at the wage rate of Rs. 225/- for Non- Tribal areas	Amount at the wage rate of Rs. 281/- for Tribal areas
A	SURVEY, DEMARCATION & FENCING:-							
1	Survey & Demarcation of Plantation Area	ha.	1	101.00	101.00	0.67	151.50	189.21
2	Cutting and prepration of wooden Fence Posts 1.85 mt long and 8 to 10 cm dia including debarking and fashioning the top 1.5 cms in conical shape.	No.	50	12.95	647.50	4.32	971.25	1212.98
3	Carriage of wooden Fence Post over a distance of 2 km	KM/ No.	50	6.82	682.00	4.55	1023.00	1277.61
4	Charring and coaltaring of ends of fence posts upto 45 at bottom and 15 cms at conical end.	No.	50	2.8	140.00	0.93	210.00	262.27
5	Preparation /Digging of Holes of 20 to 30 cm dia	No.	50	9.07	453.50	3.02	680.25	849.56
6	Fixing of wooden Fence Post i/c Strutting	No.	50	7.16	358.00	2.39	537.00	670.65
7	Carriage of B/Wire over distance 2 Kms uphill/downhill	KM/ Qtl.	0.75	73.65	110.48	0.74	165.71	206.96
8	Stretching & Fixing of Barbed Wire in 4 Strands	Rmt.	600	4.80	2880.00	19.20	4320.00	5395.20
9	Interlacing of Thorny Bushes along the Fence	Rmt.	150	4	600.00	4.00	900.00	1124.00
10	Cost of Barbed Wire	Qtl.	0.75	6510	4882.50	0.00	4882.50	4882.50
	Total -A/Survey,	Demarc	ation 8	Fencing:			13841.21	16070.94
				Or Say			13850	16050
B.	PLANTING:-							
1	Bush Cutting/ cultural operations	ha.	1	1192.80	1192.80	7.95	1789.20	2234.51
2	Digging of Pits of 45x45x45 cm Size	No.	125	9.54	1192.50	7.95	1788.75	2233.95
3	Digging of Pits of 30x30x30 cm Size	No.	125	4.77	596.25	3.98	894.38	1116.98 636.93
4	Filling of Pits of 45x45x45 cm size	No.	125 125	2.72 1.91	340.00 238.75	2.27 1.59	510.00 358.13	447.26
6	Filling of Pits of 30x30x30 cm size Carriage of Plants in P. Bags over	No.	125	1.91	475.00	3.17	712.50	889.83
0	distance 2 Km uphill/downhill	No.	123	1.3	475.00	5.17	712.50	003.03
7	Carriage of naked root Plants over a distance 2 Km uphill/downhill	KM/ No.	125	0.26	65.00	0.43	97.50	121.77
8	Planting of Plants Raised in P/Bags	No.	125	2.18	272.50	1.82	408.75	510.48
	Planting of Plants with naked roots	No.	125	1.83	228.75	1.53	343.13	428.53
			otal -B	Planting:			6902.33	8620.24
				Or Say			6900	8600
		Gr	and To	tal (A+B):			20750	24650



PLANTATIONS UNDER CAT PLANS - FENCING WITH WOODEN FENCE POSTS Norm for MAINTENANCE OF ASSISTED NATURAL REGENERATION (ANR) PLANTATIONS

in Non-Tribal & Tribal Areas for 2018-19

(Model: 250 Plants per Hectare - Activity-wise Calculations)

Sr. No.	Particulars of Works	Unit	Quantity	Rate per Unit at the wage rate of Rs.150/-	Amount at the wage rate of Rs. 150/- for Non- Tribal areas	Mandays involved	Amount at the wage rate of Rs. 225/- for Non- Tribal areas	Amount at the wage rate of Rs. 281/- for Tribal areas
	1ct V	EAR MAINT	ENANCE /	O % DEAT	ING HD).			
1	Re-digging of Pits 45x45x45 cm	No.	37	4.77		1.18	264.74	330.62
2	Re-digging of Pits 30x30x30 cm	No.	37	2.38		0.59	132.09	164.97
3	Filling of Pits 45x45x45 cm	No.	37	2.72	100.64	0.67	150.96	188.53
4	Filling of Pits 30x30x30 cm	No.	37	1.91	70.67	0.47	106.01	132.39
5	Planting of Plants raised in P/Bags	No.	37	2.18		0.54	120.99	151.10
6	Planting of Plants with naked roots	No.	37	1.83		0.45	101.57	126.84
7	Carriage of Plants in P. Bags over distance of 2 Km uphill/downhill	KM/No.	37	1.9		0.94	210.90	263.39
8	Carriage of naked root plants over a distance of 2 Km uphill/downhill	KM/No.	37	0.26	19.24	0.13	28.86	36.04
9	Repair of Fencing	Rmt	60	1.80	108.00	0.72	162.00	202.32
9	Repail of Fericing		Year Mair		100.00	0.72	1278.11	1596.21
		Total/130	. Tear Ivian	Or Say			1300	1600
	2nd)	EAR MAIN	TENANCE (TING UP):			
1	Re-digging of Pits 45x45x45 cm	No.	25	4.77		0.80	178.88	223.40
2	Re-digging of Pits 45X45X45 cm	No.	25	2.38		0.40	89.25	111.46
3	Filling of Pits 45x45x45 cm	No.	25	2.72	68.00	0.45	102.00	127.39
4	Filling of Pits 30x30x30 cm	No.	25	1.91	47.75	0.32	71.63	89.45
5	Planting of Plants raised in P/Bags	No.	25	2.18		0.36	81.75	102.10
6	Planting of Plants with naked roots	No.	25	1.83		0.31	68.63	85.71
7	Carriage of Plants in P. Bags over a	No.	25	1.9		0.63		
•	distance of 2 Km uphill/downhill						142.50	177.97
8	Carriage of Plants in P. Bags over a	No.	25	0.26	13.00	0.09	112.50	277.57
0	distance of 2 Km uphill/downhill	140.	23	0.20	20.00		19.50	24.35
9	Repair of Fencing	Rmt	60	1.80	108.00	0.72	162.00	202.32
9	Repair of Fericing		Year Main		100.00		916.13	1144.14
		Totaly Zila	Tear Ivian	Or Say			900	
	3rd to 5	h YEAR MA	INTENANC		EATING UP):			
1	Re-digging of Pits 45x45x45 cm	No.	12	4.77		0.38	85.86	107.23
2	Re-digging of Pits 30x30x30 cm	No.	12	2.38		0.19	42.84	53.50
3	Filling of Pits 45x45x45 cm	No.	12	2.72		0.22	48.96	61.15
4	Filling of Pits 43x43x43 cm	No.	12	1.91		0.15	34.38	42.94
5	Planting of Plants raised in P/Bags	No.	12	2.18		0.17	39.24	49.01
6	Planting of Plants vith naked roots	No.	12	1.83		0.15	32.94	41.14
7	Carriage of Plants in P. Bags over a	No.	12	1.9		0.30		
,	distance of 2 Km uphill/downhill						68.40	85.42
8	Carriage of Plants in P. Bags over a	No.	12	0.26	6.24	0.04		
0	distance of 2 Km uphill/downhill	1					9.36	11.69
9	Repair of Fencing	Rmt	60	1.80	108.00	0.72	162.00	202.32
3		Total/3rd Ye					523.98	654.39
				Or Say			500	650

PLANTATION UNDER CAT PLANS

Norm for NEW PLANTATION OF MEDICINAL SHRUBS AND HERBS in Non-Tribal &

Tribal Areas for 2018-19 (Activity-wise Calculations)

A. Norm for New Plantation of Shrubs/ Perennial Herbs (Model: 4400 Plants per ha.)

Activity	Quantity	Rate at the Wage Rate of	Amount at the Wage Rate of	Amount @ 225/- For Non Tribal	Amount @ 281/- For Tribal areas
Bush cutting in strips/ patches (L/S)	LS	Rs. 150/-	Rs. 150/ -	1370.35	1716.21
bush cutting in strips/ pateries (1/5)	LJ		313.00	1070.00	2,20,22
Preparation of patches including	1100	1110.46	12215.00	18322.00	22946.13
digging & refilling (0.75x0.75x0.30m3) @ Rs. 1110.46/100	No.	Per 100			
Planting of plants in patches @ Rs.	4400	226.50	2491.50	3737.15	4680.33
226.50/400	No.	Per 400			
Cost of carriage of Plants (L/S)	LS	LS	2250.00	3374.91	4226.67
Nursery cost of Plants	4400	3.40	14960.00	22439.39	28102.67
	No.				
Total			32830.00	49243.80	61672.01
Or say			32830	49250	61650

B. Norms for New Plantation of Annual/Biannual Herbs (Model: 13200 Plants per ha.)

Activity	Quantity	Rate at the Wage Rate of Rs. 150/-	Amount at the Wage Rate of Rs. 150/-	Amount @ 225/- For Non Tribal areas	Amount @ 281/- For tribal areas
Bush cutting in strips/ patches (L/S)	LS	LS	913.60	1370.35	1716.21
Preparation of trenches/ patches including digging & stacking of soil along berms (1.00x0.50x0.15m3) @ Rs. 1041.79/100		1041.79 Per 100	11459.69	17189.07	21527.26
Planting of plants in patches @ 295.21/1200	13200 No.	295.21 Per 1200	3247.31	4870.83	6100.13
Cost of carriage of Plants (L/S)	LS	LS	2250.00	3374.91	4226.67
Nursery cost of Plants	13200 No.	2.38	31416.00	47122.74	59015.62
Total			49286.60	73927.9	92585.89
Or say		Helett	49286	73900	92550

Abstract Norms for Plantation of Medicinal Shrubs and Herbs under CAT Plans:-

New Plantation of Shrub Speci	es				
(For	Non Tribal Areas (@ Rs. 225/-)		
Component	No. of Plants per Hectare	Nursery cost	Fencing Cost	Planting cost	Total cost per Hectare
New Plantation of Shrub species	4400	22450	N.A.	26800	49250
Maintenance of old Plantations:					
1st Year Maintenance (10% Beating up)	440	2250	N.A.	2890	5140
2 nd Year Maintenance (8% Beating up)	352	1820	N.A.	2300	4120
3 rd Year Maintenance (5% Beating up)	220	1120	N.A.	1930	3050
(Fo	or Tribal Areas @ I	Rs. 281/-)			
New Plantation of Shrub species	4400	28100	N.A.	33550	61650
Maintenance of old Plantations:					
1st Year Maintenance (10% Beating up)	440	2780	N.A.	3640	6420
2 nd Year Maintenance (8% Beating up)	352	2250	N.A.	2890	5140
3 rd Year Maintenance (5% Beating up)	220	1390	N.A.	2410	3800

(F	or Non Tribal Are	eas @ Rs. 22	25/-)		
Component	No. of Plants per Hectare	Nursery Cost	Fencing Cost	Planting Cost	Total Cost per Hectare
New Plantation of Herb species	13200	47100	N.A.	26800	73900
Maintenance of old Plantations:					
1st Year Maintenance (5% Beating up)	660	2350	N.A.	2800	5150
2 nd Year Maintenance (3% Beating up)	400	1450	N.A.	2700	4150
3 rd Year Maintenance (2% Beating up)	250	910	N.A.	2150	3060
	(For Tribal Areas	@ Rs. 281/	'-)		
Herb species Plantation	13200	59000	N.A.	33550	92550
Maintenance of plantations:					
1st Year Maintenance (5% Beating up)	660	2950	N.A.	3500	6450
2 nd Year Maintenance (3% Beating up)	400	1750	N.A.	3350	5100
3 rd Year Maintenance (2% Beating up)	250	1100		2700	3800

Principal CCF (HoFF) Himachal Pradesh

PLANTATIONS UNDER NPV - FENCING WITH WOODEN FENCE POSTS Norm for REPLENISHMENT & ENHANCEMENT OF FOREST COVER (REFC) PLANTATION

in Non-Tribal & Tribal Areas for 2018-19

(Model: 1100 Plants per Hectare - Activity-wise Calculations)

Sr. No.	Particulars of Works	Unit	Qty	Rate per Unit at wage rate of Rs.150/-	Amount at wage rate of Rs. 150/- for Non- Tribal areas	Mandays involved	Amount at wage rate of Rs. 225/- for Non- Tribal areas	Amount at wage rate of Rs. 281/- for Tribal areas
Α	SURVEY, DEMARCATION & FENCING:-							
1	Survey & Demarcation of Plantation Area	ha.	1	101.00	101.00	0.67	151.50	189.21
2	Cutting and preparation of wooden fence posts 1.85 mt long and 8 to 10 cm dia including debarking and fashioning the top 1.5 cms in conical shape	No.	50	12.95	647.50	4.32		1212.98
3	Carriage of wooden Fence Post over a	KM/	50	6.82	682.00	4.55	1023.00	1277.61
	distance of 2 km	No.						
4	Charring and coaltaring of ends of fence posts up to 45 at bottom and 15 cms at conical end	No.	50	2.8	140.00	0.93	210.00	262.27
5	Preparation /Digging of Holes of 20 to 30 cm	No.	50	9.07	453.50	3.02	680.25	849.56
6		No.	50	7.16	358.00	2.39	537.00	670.65
7	Carriage of B/Wire over a distance of 2 Kms	KM/ Qtl.	0.75	73.65	110.48	0.74	165.71	206.96
8	Stretching & Fixing of Barbed Wire in 4	Rmt.	600	4.80	2880.00	19.20	4320.00	5395.20
9	Interlacing of Thorny Bushes along the Fence	Rmt.	150	4.00	600.00	4.00	900.00	1124.00
10	Cost of Barbed Wire	Qtl.	0.75	6510	4882.50	0.00	4882.50	4882.50
10		marca	tion 8	Fencing:			13841.21	16070.94
							13850	16050
В.	Cutting and preparation of wooden fence posts 1.85 mt long and 8 to 10 cm dia including debarking and fashioning the top 1.5 cms in conical shape Carriage of wooden Fence Post over a kM/ 50 6.82 682.00 4.55 1023.00 12 distance of 2 km Charring and coaltaring of ends of fence posts No. 50 2.8 140.00 0.93 210.00 2 up to 45 at bottom and 15 cms at conical end Preparation / Digging of Holes of 20 to 30 cm dia and 45 cm deep Fixing of wooden Fence Post i/c Strutting No. 50 7.16 358.00 2.39 537.00 6 Carriage of B/Wire over a distance of 2 km kM/ 0.75 73.65 110.48 0.74 165.71 2 Qtl. Stretching & Fixing of Barbed Wire in 4 Rmt. 600 4.80 2880.00 19.20 4320.00 53 Strands Interlacing of Thorny Bushes along the Fence Rmt. 150 4.00 600.00 4.00 900.00 11 Strands Cost of Barbed Wire Qtl. 0.75 6510 4882.50 0.00 4882.50 48 Total -A/Survey, Demarcation & Fencing: 0r Say 13850 1385.00 2 13841.21 160 160 160 160 160 160 160 160 160 16							
1	Bush Cutting in Strips (3m x 3m)	ha.	1	1192.80	1192.80	7.95		2234.51
2		No.	550			34.98		9829.38
3		No.	550	4.77	2623.50			4914.69
4		No.	550	2.72	1496.00			2802.51
5	Filling of Pits of 30x30x30 cm size	No.	550	1.91				
6		KM/	550	1.9	2090.00	13.93	3135.00	3915.27
		No.						
7	A STATE OF THE PARTY OF THE PAR	KM/	550	0.26	286.00	1.91	429.00	535.77
		No.						
8		No.	550					
9		No.	-	1.83				
10		Rmt.	100	TAKES.				980 C-2 C-2
11						0.00		-
		To	tal -B					100000000000000000000000000000000000000
				The same of the sa			26/100	32850
			the said					

PLANTATIONS UNDER NPV - FENCING WITH WOODEN FENCE POSTS Norm for MAINTENANCE OF REPLENISHMENT & ENHANCEMENT OF FOREST COVER (REFC)

PLANTATIONS in Non-Tribal & Tribal Areas for 2018-19
[Model: 1100 Plants per Hectare - Activity-wise Calculations]

	(Model: 1100 Plan	nts per Hecta	are - Activ	vity-wise	Calculati	ions)
Sr.	Particulars of Works	1 11-12	Quantity			

Sr. No.	- Withdia of Works	Unit	Quantity	Rate per Unit at wage rate of Rs.150/-	Amount at wage rate of Rs. 150/- for Non- Tribal areas	Mandays involved	Amount at wage rate of Rs. 225/- for Non- Tribal areas	Amount at wage rate of Rs 281/- for Tribal areas
	1st YEAR MAI	NTENAN	CE (30 % E	BEATING L	IP):			
1	Re-digging of Pits 45x45x45 cm	No.	165	4.77	787.05	5.25	1180.58	1474.4
2	Re-digging of Pits 30x30x30 cm	No.	165	2.38	392.70	2.62	589.05	
3	Filling of Pits 45x45x45 cm	No.	165	2.72	448.80	2.99	673.20	
4	Filling of Pits 30x30x30 cm	No.	165	1.91	315.15	2.10	472.73	
5	Planting of Plants raised in P/Bags	No.	165	2.18	359.70	2.40	539.55	
6	Planting of Plants with naked roots	No.	165	1.83	301.95	2.01	452.93	
7	Carriage of Plants in P. Bags over distance 2 Km uphill/downhill	KM/ No.	165	1.9	627.00	4.18	940.50	1174.58
8	Carriage of naked root plants over a distance 2 Km uphill/downhill	KM/ No.	165	0.26	85.80	0.57	128.70	160.73
9	Repair of Fencing	Rmt	60	1.80	108.00	0.72	162.00	202.32
			Year Main		200.00	0.72	5139.23	6418.32
				Or Say			5150	6400
	2nd YEAR MAII	NTENAN	CE (20 % B		P):		7430	0400
1	Re-digging of Pits 45x45x45 cm	No.	110	4.77	524.70	3.50	787.05	982.94
2	Re-digging of Pits30x30x30cm	No.	110	2.38	261.80	1.75	392.70	490.44
3	Filling of Pits 45x45x45 cm	No.	110	2.72	299.20	1.99	448.80	560.50
4	Filling of Pits 30x30x30 cm	No.	110	1.91	210.10	1.40	315.15	393.59
5	Planting of Plants raised in P/Bags	No.	110	2.18	239.80	1.60	359.70	449.23
6	Planting of Plants with naked roots	No.	110	1.83	201.30	1.34	301.95	377.10
7	Carriage of Plants in P. Bags over a distance of 2 Km uphill/downhill	No.	110	1.9	418.00	2.79	627.00	783.05
8	Carriage of Plants in P. Bags over distance 2 Km uphill/downhill	No.	110	0.26	57.20	0.38	85.80	107.15
9	Repair of Fencing	Rmt	60	1.80	108.00	0.72	162.00	202.32
	Tot	al/2nd Y	ear Maint	enance:			3480.15	4346.32
				Or Say			3500	4350
_	3rd to 5th YEAR M.	AINTENA	NCE (10 %	BEATING	UP):			
	Re-digging of Pits 45x45x45 cm	No.	55	4.77	262.35	1.75	393.53	491.47
	Re-digging of Pits 30x30x30 cm	No.	55	2.38	130.90	0.87	196.35	245.22
	Filling of Pits 45x45x45 cm	No.	55	2.72	149.60	1.00	224.40	280.25
_	Filling of Pits 30x30x30 cm	No.	55	1.91	105.05	0.70	157.58	196.79
	Planting of Plants raised in P/Bags	No.	55	2.18	119.90	0.80	179.85	224.61
	Planting of Plants with naked roots	No.	55	1.83	100.65	0.67	150.98	188.55
	Carriage of Plants in P. Bags over a distance 2 Km uphill/downhill	No.	55	1.9	209.00	1.39	313.50	391.53
	Carriage of Plants in P. Bags over distance 2 Km uphill/downhill	No.	55	0.26	28.60	0.19	42.90	53.58
9	Repair of Fencing	Rmt	60	1.80	108.00	0.72	162.00	202.32
	Total/	3rd Year	Maintena	nce:		Common and the second	1821.08	2274.32
			Q	Say			1800	2250

PLANTATIONS UNDER NPV - FENCING WITH WOODEN FENCE POSTS Norm for REPLENISHMENT & ENHANCEMENT OF FOREST COVER (REFC) PLANTATION

in Non-Tribal & Tribal Areas for 2018-19

(Model: 800 Plants per Hectare - Activity-wise Calculations)

Sr. No.	Particulars of Works	Unit	Qty.	Rate per Unit at wage rate of Rs.150/-	Amount at wage rate of Rs. 150/- for Non- Tribal	Mandays involved	Amount at wage rate of Rs. 225/- for Non- Tribal areas	Amount at wage rate of Rs. 281/- for Tribal areas
٨	SURVEY, DEMARCATION & FENCING:-							
1 1	Survey & Demarcation of Plantation Area	ha.	1	101.00	101.00	0.67	151.50	189.21
2	Cutting and preparation of wooden fence posts 1.85 mt long and 8 to 10 cm dia including debarking and fashioning the top 1.5 cms in conical shape	No.	50	12.95	647.50	4.32	971.25	1212.98
3	Carriage of wooden Fence Post over a distance of 2 km	KM/ No.	50	6.82	682.00	4.55	1023.00	1277.61
4	Charring and coaltaring of ends of fence posts up to 45 at bottom and 15 cms at conical end	No.	50	2.8	140.00	0.93	210.00	262.27
5	Preparation /Digging of Holes of 20 to 30 cm dia and 45 cm deep	No.	50	9.07	453.50	3.02	680.25	849.56
6	Fixing of wooden Fence Post i/c Strutting	No.	50	7.16	358.00	2.39	537.00	670.65
7	Carriage of B/Wire over a distance of 2	KM/ Qtl.	0.75	73.65	110.48	0.74	165.71	206.96
8	Stretching & Fixing of Barbed Wire in 4 Strands	Rmt.	600	4.80	2880.00	19.20	4320.00	5395.20
9	Interlacing of Thorny Bushes along the Fence	Rmt.	150	4.00	600.00	4.00	900.00	1124.00
10	Cost of Barbed Wire	Qtl.	0.75	6510	4882.50	0.00	4882.50	4882.50
	Total -A/Survey, D	Demarca	tion 8	TO STATE OF THE ST			13841.21	16070.94
				Or Say			13850	16050
B.	PLANTING:-		-		1100.00	7.05	1700 20	2224 5
1	Bush Cutting in Strips (3m x 3m)	ha.	1	1192.80		7.95	1789.20	
2	Digging of Pits of 45x45x45 cm Size	No.	400	9.54	3816.00 1908.00	25.44 12.72	5724.00 2862.00	
3	Digging of Pits of 30x30x30 cm Size	No.	400	4.77		7.25	1632.00	
4	Filling of Pits of 45x45x45 cm size	No.	400	2.72 1.91		5.09	1146.00	
5	Filling of Pits of 30x30x30 cm size	No.	400	1.91	100000000000000000000000000000000000000	10.13	2280.00	
6	Carriage of Plants in P. Bags over	KM/	400	1.5	1320.00	10.15		
-	distance 2 Km uphill/downhill	No. KM/	400	0.26	208.00	1.39	312.00	389.65
7	Carriage of naked root Plants over a	No.	400	0.20	200.00	1.00	5_2.00	
0	distance 2 Km uphill/downhill Planting of Plants Raised in P/Bags	No.	400	2.18	872.00	5.81	1308.00	1633.55
8	Planting of Plants with naked roots	No.	400	1.83		4.88	1098.00	-
9	Construction of Inspection Path	Rmt.	100	11		7.33	1650.00	
10	Cost of Sign Board, Carriage & Fixing	No.	0	LS		0.00	450.00	
11		I -B/Plar					20251.20	25179.50
8166	20 Carlotte		Or Sa	у			20250	
and the same	with the second	Grand To					34100	41250

PLANTATIONS UNDER NPV - FENCING WITH WOODEN FENCE POSTS Norm for MAINTENANCE OF REPLENISHMENT & ENHANCEMENT OF FOREST COVER (REFC) PLANTATIONS in Non-Tribal & Tribal Areas for 2018-19

(Model: 800 Plants per Hectare - Activity-wise Calculations)

Sr. No.	Particulars of Works	Unit	Qty.	Rate per Unit at wage rate of Rs.150/-	Amount at wage rate of Rs. 150/- for Non- Tribal areas	Mandays involved	Amount at wage rate of Rs. 225/- for Non- Tribal areas	Amount at wage rate of Rs. 281/- for Tribal areas
	Initial wage rate of Rs. 150/- for Rs.150/- 1							
1					572.40	3.82	858.60	1072.30
		_						535.02
								611.46
						The Control of the Co		429.37
							-	490.06
_								411.38
							JES. 10	
/	A CONTROL OF THE PARTY OF THE P		120	1.5	430.00	3.01	684.00	854.24
0			120	0.26	62.40	0.42	00 1.00	00 112 1
8			120	0.20	02.40	0.12	93.60	116.90
_			60	1.80	108.00	0.72	Charles Inches	
9	Repair of Fencing							
		Total/15t 1	ear iviai			10.01		
	2nd VEA	D MAINTEN/	NCE (20				3000	
1						2.54	572.40	714.86
			_					
_							261.60	326.71
							219.60	274.26
								H-ATT
/		1 140.	00				456.00	569.49
0	Carriage of Plants in P/Rags over	No.	80	0.26	41.60	0.28		
0							62.40	77.93
0		Rmt	60	1.80	108.00	0.72	162.00	202.32
9	Repair of Fericing					11.45	2575.20	3216.14
							2600	3200
	3rd to 5th	EAR MAINT	ENANCE			100		
1							286.20	357.43
2	Re-digging of Pits 30x30x30 cm	No.	40	2.38	95.20	0.63	142.80	178.34
3	Filling of Pits 45x45x45 cm	No.	40	2.72		0.73	163.20	
4	Filling of Pits 30x30x30 cm	No.	40	1.91	76.40	0.51	114.60	143.12
5	Planting of Plants raised in P/Bags	No.	40	2.18		0.58	130.80	163.35
6	Planting of Plants with naked roots	No.	40	1.83	73.20	0.49	109.80	137.13
7	Carriage of Plants in P/Bags over a	No.	40	1.9		1.01		
1	distance of 2 Km uphill/downhill						228.00	284.75
8	Carriage of Plants in P/Bags over	No.	40	0.26	20.80	0.14		
0	distance of 2 Km uphill/downhill						31.20	
0	Repair of Fencing	Rmt	60	1.80	108.00	0.72	162.00	
9	nepail of rending	Total/3rd					1368.60	THE RESIDENCE OF THE PARTY OF T
				Or Say			1350	1700

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PLANTATIONS UNDER NPV - FENCING WITH WOODEN FENCE POSTS Norm for PLANTATION IN LANTANA CLEARED AREAS

in Non-Tribal & Tribal Areas for 2018-19 (Model: 1100 Plants per Hectare - Activity-wise Calculations)

Sr. No.	Particulars of Works	Unit	Qty	Rate per Unit at wage rate of Rs.150/	The second secon	Mandays involved	Amount at wage rate of Rs. 225/- for Non- Tribal areas	Amount at wage rate of Rs. 281/- for Tribal areas
Α	SURVEY, DEMARCATION & FENCING:-							
1	Survey & Demarcation of Plantation Area	ha.	0	101.00	0.00	0.00	0.00	0.00
2	Cutting and preparation of wooden fence posts 1.85 mt long and 8 to 10 cm dia including debarking and fashioning the top 1.5 cms in conical shape	No.	50	12.95	647.50	4.32	971.25	1212.98
3	Carriage of wooden Fence Post over a distance of 2 km	KM/ No.	50	6.82	682.00	4.55	1023.00	1277.61
4	Charring and coaltaring of ends of fence posts up to 45 at bottom and 15 cms at conical end	No.	50	2.8	140.00	0.93	210.00	262.27
5	Preparation /Digging of Holes of 20 to 30 cm dia and 45 cm deep	No.	50	9.07	453.50	3.02	680.25	849.56
6	Fixing of wooden Fence Post i/c Strutting	No.	50	7.16	358.00	2.39	537.00	670.65
7	Carriage of B/Wire over a distance of 2 Kms	KM/ Qtl.	0.75	73.65	110.48	0.74	165.71	206.96
8	Stretching & Fixing of Barbed Wire in 4 Strands	Rmt.	600	4.80	2880.00	19.20	4320.00	5395.20
9	Interlacing of Thorny Bushes along the Fence	Rmt.	150	4.00	600.00	4.00	900.00	1124.00
10	Cost of Barbed Wire	Qtl.	0.75	6510	4882.50	0.00	4882.50	4882.50
10	Total -A/Survey, De	marca	tion &	Fencing:			13689.71	15881.73
				Or Say			13700	15900
B.	PLANTING:-							
1	Bush Cutting in Strips (3m x 3m)	ha.	0	1192.80	0.00	0.00	0.00	0.00
2	Digging of Pits of 45x45x45 cm Size	No.	550	9.54	5247.00	34.98	7870.50	9829.38
3	Digging of Pits of 30x30x30 cm Size	No.	550	4.77	2623.50	17.49	3935.25	4914.69
4	Filling of Pits of 45x45x45 cm size	No.	550		1496.00	9.97	2244.00	2802.51
5	Filling of Pits of 30x30x30 cm size	No.	550		1050.50	7.00	1575.75	1967.94
6	Carriage of Plants in P. Bags over distance 2 Km uphill/downhill	KM/ No.	550	1.9	2090.00	13.93	3135.00	3915.27
7	Carriage of naked root Plants over a	KM/	550	0.26	286.00	1.91	429.00	535.77
8	distance 2 Km uphill/downhill Planting of Plants Raised in P/Bags	No.	550	2.18	1199.00	7.99	1798.50	2246.13
9	Planting of Plants with naked roots	No.	550	1.83	1006.50	6.71	1509.75	1885.51
10	Construction of Inspection Path	Rmt.	100		1100.00	7.33	1650.00	2060.67
11	Cost of Sign Board, Carriage & Fixing	No.	0	LS	450.00	0.00	450.00	450.00
GINT.				Planting:			24597.75	30607.86
				Or Say			24600	30600
		Gra	ad Tot	al (A+B):			38300	46500

PLANTATIONS UNDER NPV - FENCING WITH WOODEN FENCE POSTS Norm for MAINTENANCE OF PLANTATIONS IN LANTANA CLEARED AREAS

in Non-Tribal & Tribal Areas for 2018-19

(Model: 1100 Plants per Hectare - Activity-wise Calculations)

Sr. No.	Particulars of Works	Unit	Quantity	Rate per Unit at wage rate of Rs.150/-		Mandays involved	Amount at wage rate of Rs. 225/- for Non- Tribal areas	Amount at wage rate of Rs. 281/- for Tribal areas
	1st YEAR MAII	NTENAN	CE (30 % I	BEATING L	JP):			
1	Re-digging of Pits 45x45x45 cm	No.	165	4.77	787.05	5.25	1180.58	1474.41
2	Re-digging of Pits 30x30x30 cm	No.	165	2.38	392.70	2.62	589.05	735.66
3	Filling of Pits 45x45x45 cm	No.	165	2.72	448.80	2.99	673.20	840.75
4	Filling of Pits 30x30x30 cm	No.	165	1.91	315.15	2.10	472.73	590.38
5	Planting of Plants raised in P/Bags	No.	165	2.18	359.70	2.40	539.55	673.84
6	Planting of Plants with naked roots	No.	165	1.83	301.95	2.01	452.93	565.65
7	Carriage of Plants in P. Bags over distance 2 Km uphill/downhill	KM/ No.	165	1.9	627.00	4.18	940.50	1174.58
8	Carriage of naked root plants over a distance 2 Km uphill/downhill	KM/ No.	165	0.26	85.80	0.57	128.70	160.73
9	Repair of Fencing	Rmt	60	1.80	108.00	0.72	162.00	202.32
	The state of the s	otal/Ist	Year Mair	ntenance:			5139.23	6418.32
				Or Say			5150	6400
	2nd YEAR MAI	NTENAN	ICE (20 %	BEATING L	JP):			
1	Re-digging of Pits 45x45x45 cm	No.	110	4.77	524.70	3.50	787.05	982.94
2	Re-digging of Pits30x30x30cm	No.	110	2.38	261.80	1.75	392.70	490.44
3	Filling of Pits 45x45x45 cm	No.	110	2.72	299.20	1.99	448.80	560.50
4	Filling of Pits 30x30x30 cm	No.	110	1.91	210.10	1.40	315.15	393.59
5	Planting of Plants raised in P/Bags	No.	110	2.18	239.80	1.60	359.70	449.23
6	Planting of Plants with naked roots	No.	110	1.83	201.30	1.34	301.95	377.10
7	Carriage of Plants in P. Bags over a distance of 2 Km uphill/downhill	No.	110	1.9	418.00	2.79	627.00	783.05
8	Carriage of Plants in P. Bags over distance 2 Km uphill/downhill	No.	110	0.26	57.20	0.38	85.80	107.15
9	Repair of Fencing	Rmt	60	1.80	108.00	0.72	162.00	202.32
V-10	To	tal/2nd	Year Mair	tenance:			3480.15	4346.32
				Or Say	C IID)		3500	4350
				% BEATIN		1.75	202.52	401.47
	Re-digging of Pits 45x45x45 cm	No.	55	4.77			393.53	491.47
2	Re-digging of Pits 30x30x30 cm	No.	55	2.38	130.90	0.87	196.35 224.40	245.22
3	Filling of Pits 45x45x45 cm	No.	55	2.72	149.60	1.00		196.79
4	Filling of Pits 30x30x30 cm	No.	55	1.91	105.05	0.70	157.58	224.61
5	Planting of Plants raised in P/Bags	No.	55	2.18	119.90	0.80	179.85	188.55
6	Planting of Plants with naked roots	No.	55	1.83	100.65 209.00	0.67	150.98 313.50	391.53
7	Carriage of Plants in P. Bags over a distance 2 Km uphill/downhill	No.	55	1.9		1.39		
8	Carriage of Plants in P. Bags over distance 2 Km uphill/downhill	No.	55	0.26	28.60	0.19	42.90	53.58
9	Repair of Fencing	Rmt	60	1.80	108.00	0.72	162.00	202.32
	Tota		ar Mainte	nance:			1821.08	2274.32
				Or Say			1800	2250



PLANTATIONS UNDER NPV - FENCING WITH WOODEN FENCE POSTS Norm for **PLANTATION IN LANTANA CLEARED AREAS**

in Non-Tribal & Tribal Areas for 2018-19 (Model: 800 Plants per Hectare - Activity-wise Calculations)

Sr. No.	Particulars of Works	Unit	Qty.	Rate per Unit at wage rate of Rs.150/		Mandays involved	Amount at wage rate of Rs. 225/- for Non- Tribal areas	Amount at wage rate of Rs. 281/- for Tribal areas
	Supura Programme							
A	SURVEY, DEMARCATION & FENCING:-							
1	Survey & Demarcation of Plantation Area	ha.	0	101.00	0.00	0.00	0.00	0.00
2	Cutting and preparation of wooden fence posts 1.85 mt long and 8 to 10 cm dia including debarking and fashioning the top 1.5 cms in conical shape	No.	50	12.95	647.50	4.32	971.25	1212.98
3	Carriage of wooden Fence Post over a distance of 2 km	KM/ No.	50	6.82	682.00	4.55	1023.00	1277.61
4	Charring and coaltaring of ends of fence posts up to 45 at bottom and 15 cms at conical end	No.	50	2.8	140.00	0.93	210.00	262.27
5	Preparation / Digging of Holes of 20 to 30 cm dia and 45 cm deep	No.	50	9.07	453.50	3.02	680.25	849.56
6	Fixing of wooden Fence Post i/c Strutting	No.	50	7.16	358.00	2.39	537.00	670.65
7	Carriage of B/Wire over a distance of 2 Kms	KM/ Qtl.	0.75	73.65	110.48	0.74	165.71	206.96
8	Stretching & Fixing of Barbed Wire in 4 Strands	Rmt.	600	4.80	2880.00	19.20	4320.00	5395.20
9	Interlacing of Thorny Bushes along the Fence	Rmt.	150	4.00	600.00	4.00	900.00	1124.00
10	Cost of Barbed Wire	Qtl.	0.75	6510	4882.50	0.00	4882.50	4882.50
	Total -A/Survey, D	emarca	tion &	Fencing:			13689.71	15881.73
				Or Say			13700	15900
B.	PLANTING:-							
1	Bush Cutting in Strips (3m x 3m)	ha.	0	1192.80	0.00	0.00	0.00	0.00
$\overline{}$	Digging of Pits of 45x45x45 cm Size	No.	400	9.54	3816.00	25.44	5724.00	7148.64
_	Digging of Pits of 30x30x30 cm Size	No.	400	4.77	1908.00	12.72	2862.00	3574.32
_	Filling of Pits of 45x45x45 cm size	No.	400	2.72	1088.00	7.25	1632.00	2038.19
	Filling of Pits of 30x30x30 cm size	No.	400	1.91	764.00	5.09	1146.00	1431.23
		KM/	400	1.9	1520.00	10.13	2280.00	2847.47
_		No.						
		KM/	400	0.26	208.00	1.39	312.00	389.65
		No.	400	2.10	072.00	F 04	4200.00	4522.55
_	Planting of Plants Raised in P/Bags	No.	400	2.18	872.00	5.81	1308.00	1633.55
_	Planting of Plants with naked roots	No.	400	1.83	732.00	4.88	1098.00	1371.28
	Construction of Inspection Path	Rmt.	100	11	1100.00	7.33	1650.00	2060.67
11	Cost of Sign Board, Carriage & Fixing	No. -B/Plan		LS	450.00	0.00	450.00 18462.00	450.00 22944.99
2	Total		Or Say				18500	22944.99
			J. July					

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PLANTATIONS UNDER NPV - FENCING WITH WOODEN FENCE POSTS Norm for MAINTENANCE OF OLD PLANTATIONS IN LANTANA CLEARED AREAS

in Non-Tribal & Tribal Areas for 2018-19

(Model: 800 Plants per Hectare - Activity-wise Calculations)

Sr. No	- ar arcanar 5 of veork5	Unit	Qty.	Rate per Unit at wage rate of Rs.150/-	Amount at wage rate of Rs. 150/- for Non- Tribal areas	Mandays involved	Amount at wage rate of Rs. 225/- for Non- Tribal areas	Amount at wage rate of Rs. 281/- for Tribal areas
	1st VF	AR MAINTEN	VNCE (30	O/ DEATIN	C UDI.	All Services		
1	Re-digging of Pits 45x45x45 cm	No.	120	4.77		3.82	858.60	1072.20
2	Re-digging of Pits 30x30x30 cm	No.	120	2.38		1.90	428.40	1072.30
3	Filling of Pits 45x45x45 cm	No.	120	2.72		2.18	489.60	535.02
4	Filling of Pits 30x30x30 cm	No.	120	1.91		1.53	343.80	611.46
5	Planting of Plants raised in P/Bags	No.	120	2.18	261.60	1.74		429.37
6	Planting of Plants with naked roots	No.	120	1.83		1.46	392.40 329.40	490.06
7	Carriage of Plants in P. Bags over	KM/	120	1.9	456.00	3.04	329.40	411.38
	distance of 2 Km uphill/downhill	No.	120	1.3	430.00	3.04	694.00	054.24
8	Carriage of naked root plants over a	KM/	120	0.26	62.40	0.42	684.00	854.24
	distance of 2 Km uphill/downhill	No.	120	0.20	02.40	0.42	02.50	115.00
9	Repair of Fencing	Rmt	60	1.80	108.00	0.72	93.60	116.90
		Total/Ist \			2521.20		162.00	202.32
		Total/13t 1	cai iviaiii	Or Say		16.81	3781.80	4723.05
	2nd VEA	R MAINTENA	NCE (20		3650.00		3800	4700
1	Re-digging of Pits 45x45x45 cm	No.	80			2.54	F70 40	
	Re-digging of Pits30x30x30cm	No.	80	4.77 2.38	381.60	2.54	572.40	714.86
_	Filling of Pits 45x45x45 cm	No.	80	2.72	190.40	1.27	285.60	356.68
	Filling of Pits 30x30x30 cm	No.	80	1.91	217.60	1.45	326.40	407.64
	Planting of Plants raised in P/Bags	No.	80		152.80	1.02	229.20	286.25
	Planting of Plants with naked roots	No.	80	2.18 1.83	174.40	1.16	261.60	326.71
-	Carriage of Plants in P/Bags over a	No.	80		146.40	0.98	219.60	274.26
	distance of 2 Km uphill/downhill	NO.	00	1.9	304.00	2.03	455.00	
8	Carriage of Plants in P/Bags over	No.	80	0.26	41.60	0.28	456.00	569.49
	distance of 2 Km uphill/downhill	110.	00	0.20	41.00	0.28	62.40	77.00
	Repair of Fencing	Rmt	60	1.80	108.00	0.72	62.40	77.93
		Total/2nd Y			1716.80	11.45	162.00	202.32
T		Totaly Zila Ti	car iviaiii	Or Say	2500	11.45	2575.20	3216.14
	3rd VEAL	R MAINTENA	NCE /10 %				2600	3200
1 1	Re-digging of Pits 45x45x45 cm	No.	40	4.77	190.80	1 27	200 201	257.42
	Re-digging of Pits 30x30x30 cm	No.	40	2.38	95.20	1.27	286.20	357.43
_	Filling of Pits 45x45x45 cm	No.	40	2.72		0.63	142.80	178.34
-	Filling of Pits 30x30x30 cm	No.	40	1.91	108.80	0.73	163.20	203.82
	Planting of Plants raised in P/Bags	No.	40	2.18	76.40 87.20	0.51	114.60	143.12
	Planting of Plants with naked roots	No.	40	1.83	73.20	0.58	130.80	163.35
1	Carriage of Plants in P/Bags over a distance of 2 Km uphill/downhill	No.	40	1.9	152.00	1.01	109.80	137.13
1	Carriage of Plants in P/Bags over distance of 2 Km uphill/downhill	No.	40	0.26	20.80	0.14	31.20	284.75 38.97
F	Repair of Fencing	Rmt	60	1.80	108.00	0.72	162.00	202.32
		Total/3rd Ye			912.40		1368.60	1709.23
- 1				Or Say	1300		1350	1700

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PLANTATIONS UNDER NPV - FENCING WITH WOODEN FENCE POSTS Norm for **PLANTATIONS IN LANTANA CLEARED AREAS** in Non-Tribal & Tribal Areas for 2018-19

(Model: 500 Tall Plants per Hectare - Activity-wise Calculations)

Sr. No.	Particulars of Works	Unit	Qnty	Rate per Unit at the wage rate of 150/-	Norm at the wage rate of 225/- for Non-Tribal areas	Norm at the wage rate of 281/- for Triba areas
A	SURVEY, DEMARCATION & FENCING:-	THE R				
1	Survey/Demarcation of Plantation area i/c marking of sections	На	1	101.00	151.49	189.37
2	Cutting and preparation of wooden fence posts 1.85 mtr long and 8 to 10 cm dia including debarking and fashioning the top 1.5 cm in conical shape	No	50	12.95	971.20	1214.00
3	Charring and coaltarring of ends of fence posts upto 45 cms at bottom and 15 cms at conical end	No.	50	2.8	209.99	262.49
4	Cost of carriage of wooden Fence posts upto 1 Kms uphill/downhill	No/Km	50	6.82	511.47	639.34
5	Preparation/Digging of holes of 20-30 cm dia and 45 cm deep for fixing of wooden fence posts	No.	50	9.06	679.46	849.33
6	Fixing of wooden fence posts i/c strutting	No	50	7.16	536.97	671.22
7	Carriage of B/wire from store to nearest road head near plantation site in motor transport (average carriage 10 kms)	Qntl	0.84	LS	535.70	535.70
8	Carriage of b/wire manually over a distance of 1 Kms uphill/downhill from road side to plantation site	KM/ Qntl.	0.84	73.65	92.79	115.99
9	Stretching and fixing of b/wire in four strands	Rmt	585	4.80	4211.78	5264.73
10	Interlacing of thorny bushes along the fence	Rmt	147	4.09	901.80	1127.25
11	Cost of B/wire	Qntl	0.84	6510	5858.84	5858.84
12	cost of U- staple	Qntl	0.01	6400	68.57	68.57
	Total -/	A/Survey, De		15 (155.05)	14730.08	16796.82
	Or Say				14750	16800
В.	PLANTING:-					
1	Clearing the site of weeds/Bush cutting in strips of 1 to 2 mtr wide	На	0	1192.8	0.00	0.00
2	Digging of pits 60x60x60 cm	No	500	17.45	13086.82	16358.53
3	Filling of Pits 60x60x60 cms	No	500	3.54	2654.86	3318.58
4	Carriage of poly plants from nursery to nearest road head near plantation site in motor transport (average distance 10 Kms)	No	500	LS	2142.80	2142.80
	Carriage of plants in Poly bags (12"x18") from road side to plantation site over a distance of 1 Km uphill/downhill	No/km	500	14.76	11069.43	13836.79
6	Planting of tall plants in pits i/c ramming	No	500	6.54	4904.75	6130.93
7	Construction of Inspection Path 60 cm wide	Rmt	100	11.00	1649.91	2062.39
_	Mulching of Plants	No	500	0.84	629.97	787.46
	Moisture retention Interventions/Trenching/Water harvesting/Watering during stress period	No	500	LS	2035.66	2137.44
		Total	-B/Plantir	ng:	38174.20	46774.92
$\overline{}$	Or Say				38150	46750
1	Total Fencing and Planting (A+B)				52900	63550

PLANTATIONS UNDER NPV - FENCING WITH WOODEN FENCE POSTS Norm for MAINTENANCE OF PLANTATIONS IN LANTANA CLEARED AREAS

in Non-Tribal & Tribal Areas for 2018-19

(Model: 500 Tall Plants per Hectare - Activity-wise Calculations)

Sr. No.	Particulars of Works	Unit	Qnty	Rate per Unit at the wage rate of 150/-	Norm at the wage rate of 225/- for Non- Tribal areas	Norm at the wage rate of 281/- for Triba areas
	lst Year Maintenance (1	L0% beati	ng up of fa	ilures)		
1	Re-Digging of pits 60x60x60 cm	No	50	10.48	785.96	982.45
2	Filling of Pits 60x60x60 cms	No	50	3.54	265.49	331.86
3	Carriage of poly plants from nursery to nearest road head near plantation site in motor transport (average distance 10 Kms)	No	50	LS	321.42	321.42
4	Carriage of plants in Poly bags (12"x18") from road side to plantation site over a distance of 1 Kms uphill/downhill	No	50	14.76	1106.94	1054.23
5	Planting of tall plants in pits i/c ramming	No	50	6.54	490.47	613.09
6	Repair of fencing	Rmt	50	1.80	134.99	168.74
7	Moisture retention Interventions/Trenching/Water	No	50	LS	107.14	107.14
	TOTAL Ist Year Maintenance				3212.42	3578.93
	Or Say				3212.42	3600
	Ol Say			2.1	3200	3000
	2nd Year Maintenance				202.00	101.00
1	Re-Digging of pits 60x60x60 cm	No	25	10.48	392.98	491.22
2	Filling of Pits 60x60x60 cms	No	25	3.54	132.74	165.93
3	Carriage of poly plants from nursery to nearest road head near plantation site in motor transport (average distance 10 Kms)	No	25	LS	321.42	321.42
4	Carriage of plants in Poly bags (12"x18") from road side to plantation site over a distance of 1 Kms uphill/downhill	No	25	14.76	553.47	691.84
5	Planting of tall plants in pits i/c ramming	No	25	6.54	245.24	306.55
6	Repair of fencing	Rmt	25	1.80	67.50	84.37
7	Moisture retention Interventions/Trenching/Water	No	25	LS	107.14	107.14
	TOTAL 2nd Year Maintenance				1820.49	2168.47
	Or Say				1800	2150
	3rd Year Maintenance (2% beatin	g up of fai	ilures)		
1	Re-Digging of pits 60x60x60 cm	No	10	10.48	157.19	196.49
2	Filling of Pits 60x60x60 cms	No	10	3.54	53.10	66.37
3	Carriage of poly plants from nursery to nearest road head near plantation site in motor transport (average distance 10 Kms)	No	10	LS	160.71	160.71
4	Carriage of plants in Poly bags (12"x18") from road side to plantation site over a distance of 1 Kms uphill/downhill	No	10	14.76	221.39	276.74
5	Planting of tall plants in pits i/c ramming	No	10	6.54	98.09	122.62
6	Repair of fencing	Rmt	50	1.80	134.99	168.74
- 190	TOTAL 3rd Year Maintenance				825.48	991.67
N.	Or Say	領国時間			850	1000
	TOTAL Maintenance cost for 3 years				5850	6750



PLANTATIONS UNDER NPV - FENCING WITH WOODEN FENCE POSTS

Norm for PLANTATIONS IN LANTANA CLEARED AREAS

in Non-Tribal & Tribal Areas for 2018-19

(Model: 200 Tall Plants per Hectare - Activity-wise Calculations)

Sr. No.	Particulars of Works	Unit	Qnty	Rate per Unit at wage rate of 150/-	Norm at wage rate of 225/- for Non- Tribal areas	Norm at wage rate of 281/- for Tribal areas
Α	SURVEY, DEMARCATION & FENCING:-					
1	Survey/demarcation of plantation area i/c marking of sections	На	1	101.00	151.49	189.37
2	Cutting and preparation of wooden fence posts 1.85 mtr long and 8 to 10 cm dia including debarking and fashioning the top 1.5 cm in conical shape	No	50	12.95	971.20	1214.00
3	Charring and coaltarring of ends of fence posts upto 45 cms at bottom and 15 cms at conical end	No.	50	2.8	209.99	262.49
4	Cost of carriage of wooden Fence posts upto 1 Kms uphill/downhill	No/Km	50	6.82	511.47	639.34
5	Preparation/Digging of holes of 20-30 cm dia and 45 cm deep for fixing of wooden fence posts	No.	50	9.06	679.46	849.33
6	Fixing of wooden fence posts i/c strutting	No	50	7.16	536.97	671.22
7	Carriage of B/wire from store to nearest road head near plantation site in motor transport (average carriage 10 kms)	Qntl	0.84	LS	535.70	535.70
8	Carriage of b/wire manually over a distance of 1 Kms uphill/downhill from road side to plantation site	KM/Qntl	0.84	73.65	92.79	115.99
9	Stretching and fixing of b/wire in four strands	Rmt	585	4.80	4211.78	5264.73
10	Interlacing of thorny bushes along the fence	Rmt	147	4.09	901.80	1127.25
11	Cost of B/wire	Qntl	0.84	6510	5468.40	5468.40
12	cost of U- staple	Qntl	0.01	6400	64.00	64.00
	Total -A/Survey, Demarcation & Fencing:				14335.07	16401.81
	Or Say				14350	16400
_						
1 1	PLANTING:- Clearing the site of weeds/Bush cutting in strips of 1 to 2 mtr wide	На	0	1192.8	0.00	0.00
2	Digging of pits 60x60x60 cm	No	200	17.45	5234.73	6543.41
	Filling of Pits 60x60x60 cms	No	200	3.54		
4	Carriage of poly plants from nursery to nearest road head near plantation site in motor transport (average distance 10 Kms)	No	200	LS	800.00	800.00
5	Carriage of plants in Poly bags (12"x18") from road side to plantation site over a distance of 1 Kms uphill/downhill manually	No/km	200	14.76	4427.77	5534.71
		No	200	6.54	1961.90	2452.37
6	Planting of tall plants in pits i/c ramming		100	11.00	1649.91	2062.39
6	Planting of tall plants in pits i/c ramming Construction of Inspection Path 60 cm wide	Rmt	100	The state of the s		214.00
7		Rmt No	200	0.84	251.99	314.98
7	Construction of Inspection Path 60 cm wide				251.99 800.00	800.00
7	Construction of Inspection Path 60 cm wide Mulching of Plants Moisture retention Interventions/Trenching/Water harvesting/Watering during stress period	No	200	0.84		800.00
7	Construction of Inspection Path 60 cm wide Mulching of Plants Moisture retention Interventions/Trenching/Water harvesting/Watering during stress period	No No	200	0.84	800.00	800.00

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PLANTATIONS UNDER NPV - FENCING WITH WOODEN FENCE POSTS Norm for MAINTENANCE OF PLANTATIONS IN LANTANA CLEARED AREAS

in Non-Tribal & Tribal Areas for 2018-19

(Model: 200 Tall Plants per Hectare - Activity-wise Calculations)

Sr. No.	Particulars of Works	Unit	Qnty	Rate per Unit at wage rate of 150/-	Norm at wage rate of 225/- for Non- Tribal areas	Norm at wage rate of 281/- for Tribal areas
	Ist Year Maintenance (10% beatin	g up of f	ailures)		
1	Re-Digging of pits 60x60x60 cm	No	20	10.48	314.38	392.98
_	Filling of Pits 60x60x60 cms	No	20	3.54	106.19	
3	Carriage of poly plants from nursery to nearest road head near plantation site in motor transport (average distance 10 Kms)	No	20	LS	120.00	120.00
4	Carriage of plants in Poly bags (12"x18") from road side to plantation site over a distance of 1 Kms uphill/downhill	No	20	14.76	442.78	421.69
5	Planting of tall plants in pits i/c ramming	No	20	6.54	196.19	245.24
6	Repair of fencing	Rmt	50	1.80	134.99	168.74
7	Moisture retention Interventions/Trenching/Water harvesting/Watering during stress period	No	20	LS	40.00	40.00
	TOTAL Ist Year Maintenance				1354.54	1521.39
	Or Say				1350	1500
	2nd Year Maintenance (5% beating	og un of	failures	1		
1	Re-Digging of pits 60x60x60 cm	No	10	10.48	157.19	196.49
2	Filling of Pits 60x60x60 cms	No	10	3.54		
3	Carriage of poly plants from nursery to nearest road head near plantation site in motor transport (average distance 10 Kms)	No	10	LS	64.28	
4	Carriage of plants in Poly bags (12"x18") from road side to plantation site over a distance of 1 Kms uphill/downhill	No	10	14.76	221.39	276.74
5	Planting of tall plants in pits i/c ramming	No	10	6.54	98.09	122.62
6	Repair of fencing	Rmt	50	1.80	134.99	168.74
7	Moisture retention Interventions/Trenching/Water harvesting/Watering during stress period	No	10	LS	20.00	20.00
	TOTAL 2nd Year Maintenance				749.05	915.24
3,41	Or Say				750	900
	3rd Year Maintenance (2% beatin	g up of f	ailures)		
1	Re-Digging of pits 60x60x60 cm	No	4	10.48	62.88	78.60
2	Filling of Pits 60x60x60 cms	No	4	3.54		26.55
3	Carriage of poly plants from nursery to nearest road head near plantation site in motor transport (average distance 10 Kms)	No	4	LS		160.71
4	Carriage of plants in Poly bags (12"x18") from road side to plantation site over a distance of 1 Kms uphill/downhill	No	4	14.76	88.56	110.69
5	Planting of tall plants in pits i/c ramming	No	4	6.54	39.24	49.05
6	Repair of fencing	Rmt	50	1.80		168.74
0	TOTAL 3rd Year Maintenance				507.61	594.34
	Or Say				500	600
	TOTAL Maintenance cost for 3 years				2600	3000

JL 1201/2018

PLANTATIONS UNDER NPV - FENCING WITH WOODEN FENCE POSTS Norm for MAINTENANCE OF PLANTATIONS IN LANTANA CLEARED AREAS

in Non-Tribal & Tribal Areas for 2018-19

(Model: 500 Normal Plants per Hectare - Activity-wise Calculations)

Sr. No	Particulars of work fencing	Unit	Qnty.	Rate per Unit at the wage rate of Rs. 150/-	Amount at the wage rate of Rs. 150/- for Non-Tribal Areas	Mandays involved	Amount at the wage rate of Rs. 225/- for Non-Tribal Areas	Amount at the wage rate of Rs. 281/- for Tribal Areas
	1st YEAR MAINTENANG	F (30 % F	REATING I	ID)·				
1	Re-digging of pits 30 cmx 30 cm x 30 cm.	No.	150.00		357.00	2.38	535.50	668.78
2	Filling of pits. 30 cm x 30 cm x30 cm.	No.	150.00	1.90	285.00	1.90	427.50	533.9
3	Carriage of plants in polythene bags (Up Hill side).	No.	150.00		327.00	2.18	490.50	612.58
4	Planting of plants in pits I/c ramming raised in p/bags	No.	150.00	2.18	327.00	2.18	490.50	612.58
5	Mulching of plants.	No.	150.00	0.55	82.50	0.55	123.75	154.55
6	Maintenance of Fencing	Rmt	60.00	1.80	108.00	0.72	162.00	202.32
	Total					CONTRACTOR	2229.75	2784.71
	Or Say						2250	2800
W. Fi	2nd YEAR MAINTENANG	E (20 % E	EATING L	JP):				
1	Re-digging of pits 30 cmx 30 cm x 30 cm.	No.	100.00	2.38	238.00	1.59	357.00	445.85
2	Filling of pits. 30 cm x 30 cm x30 cm.	No.	100.00	1.90	190.00	1.27	285.00	355.93
3	Carriage of plants in polythene bags (Up Hill side).	No.	100.00	2.18	218.00	1.45	327.00	408.39
4	Planting of plants in pits I/c ramming raised in p/bags	No.	100.00	2.18	218.00	1.45	327.00	408.39
5	Mulching of plants.	No.	100.00	0.55	55.00	0.37	82.50	103.03
6	Maintenance of Fencing	Rmt	60.00	1.80	108.00	0.72	162.00	202.32
	Total						1540.50	1923.91
	Or Say						1550	1900
	3rd YEAR MAINTENANC	E (10% B	EATING U	P):				
1	Re-digging of pits 30 cmx 30 cm x 30 cm.	No.	50.00	2.38	119.00	0.79	178.50	222.93
2	Filling of pits. 30 cm x 30 cm x30 cm.	No.	50.00	1.90	95.00	0.63	142.50	177.97
3	Carriage of plants in polythene bags (Up Hill side).	No.	50.00	2.18	109.00	0.73	163.50	204.19
4	Planting of plants in pits I/c ramming raised in p/bags	No.	50.00	2.18	109.00	0.73	163.50	204.19
5	Mulching of plants.	No.	50.00	0.55	27.50	0.18	41.25	51.52
6	Maintenance of Fencing	Rmt	60.00	1.80	108.00	0.72	162.00	202.32
	Total						851.25	1063.12
	Or Say	Shist	S S#1				850	1050

REHABILITATION OF AREAS INFESTED WITH INVASIVE ALIEN SPECIES UNDER NPV Norm for CLEARING OF AREAS INFESTED UP TO 25% in Non-Tribal Areas for 2018-19

Sr. No	Particulars of work	Qnty.	Unit	Rate	Amount @ Rs.150/=	Amount @ Rs.225/=
	YEAR-I					
1	Survey and Demarcation of plantation area I/c marking of sections, path and preparation of map	0		150	0.00	0.00
2	Cutting/ removal/ disposal of lantana (Cut Root Stock Method)	39.7		150	5949.00	8923.50
3	Broadcast sowing of grass seed including conversion into pellets in plantation area	3.08	/ Mandays/	150	462.00	693.00
4	Cleaning of lantana (sprouts) & seedlings One time after first cut	2		150	300.00	450.00
5	Tending operations	1.15		150	172.50	258.75
6	Cost of seed	1	Kg./ Ha.	650	650.00	860.24
	Total				7533.50	11185.49
7	Contigency @ 5% of total cost				376.68	559.27
	G. Total				7910.18	11744.77
	Or Say				7900	11750

REHABILITATION OF AREAS INFESTED WITH INVASIVE ALIEN SPECIES UNDER NPV Norm for 1st MAINTENANCE OF CLEARED AREAS INFESTED UP TO 25%

in Non-Tribal Areas for 2018-19

	YEAR -II					
1	Broadcast sowing of grass seed including conversion into pellets in plantation area	3.08	Mandays/	150	462.00	693
2	Cleaning of lantana (sprouts) and seedlings, 3 times throghout the year	6	Per Ha.	150	900.00	1350
3	Cost of seed	1	Kg./ Ha.	650	650.00	860.24
4	Tending operations	1.15	Mandays/ Per Ha.	150	172.50	258.75
	Total	0.5151			2184.50	3161.99
	Or Say					

REHABILITATION OF AREAS INFESTED WITH INVASIVE ALIEN SPECIES UNDER NPV Norm for 2ND MAINTENANCE OF CLEARED AREAS INFESTED UP TO 25%

in Non-Tribal Areas for 2018-19

	YEAR - III					
1	Cleaning of lantana (sprouts) and seedlings, 3 times throghout the year.	4.5	Mandays/	150	675.00	1012.50
2	Tending operations	1.15	Per Ha.	150	172.50	258.75
	Total				847.50	1271.25
	Or Say					

REHABILITATION OF AREAS INFESTED WITH INVASIVE ALIEN SPECIES UNDER NPV Norm for 3RD MAINTENANCE OF CLEARED AREAS INFESTED UP TO 25%

in Non-Tribal Areas for 2018-19

	YEAR - IV					
1	Cleaning of lantana (sprouts) and seedlings, 3 times throghout the	4.5	Mandays/	150	675.00	1012.50
2	Tending operations	1.15	Per Ha.	150	172.50	258.75
	Total				847.50	1271.25
Je l	Or Sav					
	Total Cost including Maintenance				11800	17400

Pr Chief Concentrator of Expects (HoEET HD

REHABILITATION OF AREAS INFESTED WITH INVASIVE ALIEN SPECIES UNDER NPV Norm for **CLEARING OF AREAS INFESTED UP TO 50%**

in Non-Tribal Areas for 2018-19

Sr. No	Particulars of work	Qnty	Unit	Rate	Amount @ Rs. 150/-	Amount @ Rs. 225/-
	YEAR-I					
1	Survey and Demarcation of plantation area I/c marking of sections, path and preparation of map	0		150	0.00	0.00
2	Cutting/ removal/ disposal of lantana (Cut Root Stock Method)	68		150	10149.00	15223.50
3	Broadcast sowing of grass seed including conversion into pellets in plantation area	3.1	Mandays/ Per Ha.	150	462.00	693.00
4	Cleaning of lantana(sprouts) and seedlings One time after first cut	4		150	600.00	900.00
5	Tending operations	1.2		150	172.50	258.75
6	Cost of seed	1	Kg./Ha.	650	650.00	860.00
	Total				12033.50	-
7	Contigency @ 5% of total cost				601.68	896.76
	G.Total				12635.18	
	Or Say				12650.00	18850
1	in Non-Tribal Areas for 2018- YEAR -II Broadcast sowing of grass seed including conversion into pellets in			150	462.00	603
1		3.1		150	462.00	693
2	plantation area	40	Mandays/			
2	Cleaning of lantana (sprouts) and seedlings, 3 times throghout the year	12	Per Ha. 150		1800.00	2700
3	Cost of seed	1	Kg./Ha.	650	650.00	860.24
4	Tending operations	1.2	Mandays/	150	172.50	258.75
	Total		Per Ha.		3084.50	4511.99
	Or Say				3100.00	4500
	Norm for 2ND MAINTENANCE OF CLEARED AREAS in Non-Tribal Areas for 2018-			50%		
1	Cleaning of lantana (sprouts) and seedlings, 3 times throghput the year	9	Mandays/ Per Ha.	150	1350.00	2025.00
2	Tending operations	1.2		150	172.50	258.75
	Total				1522.50	2283.75
	Or Say				1500.00	2300
	Norm for 3RD MAINTENANCE OF CLEARED AREAS in Non-Tribal Areas for 2018-1 YEAR - IV		ED UP TO S	50%		
1	Cleaning of lantana (sprouts) and seedlings, 3 times throghput the	9	Mandays/	150	1350.00	2025
2	year		Per Ha.			
2	Tending operations	1.2		150	172.50	258.75
	Total				1522.50	2283.75
S	Or Say				1500.00	2300
	Total Cost including Maintenance			100	18750.00	27950

Pr. Chief Conservator of Foresty (Hoff) HP

REHABILITATION OF AREAS INFESTED WITH INVASIVE ALIEN SPECIES UNDER NPV Norm for CLEARING OF AREAS INFESTED UP TO 75%

in Non-Tribal Areas for 2018-19

Sr. No	Particulars of work fencing	Qnty.	Unit	Rate	Amount @ Rs. 150/-	Amount @ Rs. 225/-
	YEAR-I					
1	Survey and Demarcation of plantation area I/c marking of sections, path and preparation of map	0	· Mandays/ Per Ha.	150	0.00	0.00
2	Cutting/ removal/ disposal of lantana (Cut Root Stock Method)	86.33		150	12949.50	19424.25
3	Broadcast sowing of grass seed including conversion into pellets in plantation area	3.08		150	462.00	693.00
4	Cleaning of lantana (sprouts) and seedlings One time after first cut	6		150	900.00	1350.00
5	Tending operations	1.15		150	172.50	258.75
6	Cost of seed	1	Kg./ Ha.	650	650.00	860.24
96	Total				15134.00	22586.24
7	Contigency @5% of total cost				756.70	1129.31
116	G.Total				15890.70	23715.56
	Or Say				15900.00	23700
1	in Non-Tribal Areas fo YEAR -II Broadcast sowing of grass seed including conversion into pellets	3.08		150	462.00	693.00
1	Broadcast sowing of grass seed including conversion into pellets	3.08		150	462.00	693.00
_	in plantation area	45	Mandays/	150	2250.00	2275.00
2	Cleaning of lantana (sprouts) and seedlings, 3 times throghout the year	15	Per Ha.	150	2250.00	3375.00
3	Cost of seed	1	Kg./Ha.	650	650.00	860.32
4	Tending operations	1.15	Mandays/ Per Ha.	150	172.50	258.75
	Total				3534.50	5187.07
Or Say						5200
	Norm for 2ND MAINTENANCE OF CLEARED in Non-Tribal Areas for YEAR - III			JP TO 7	5%	
1	Cleaning of lantana (sprouts) and seedlings, 3 times throghput the year	13	Mandays/	150	1950.00	2925.00
2	Tending operations	1.15	Per Ha.	150	172.50	258.75
	Total		THAT		2122.50	3183.75
Or Say						3200
	Norm for 3RD MAINTENANCE OF CLEARED in Non-Tribal Areas for YEAR - IV			JP TO 7	5%	
1	Cleaning of lantana (sprouts) and seedlings, 3 times throghput the year	13	Mandays/ Per Ha.	150	1950.00	2925.00
2	Tending operations	1.15		150	172.50 2122.50	258.75
Total						3183.75
- 1	Or Say				2100.00	3200
_	Total Cost including Maintenance	23650.00	35300			

Pr. Chief Conservator of Forests (HoFF), HP



REHABILITATION OF AREAS INFESTED WITH INVASIVE ALIEN SPECIES UNDER NPV Norm for CLEARING OF AREAS INFESTED UP TO 100%

in Non-Tribal Areas for 2018-19

r. No	Particulars of work fencing	Qnty.	Unit	Rate	Amount @ 150/-	Amount @ Rs. 225/-
Trice.	YEAR-I					
1	Survey and Demarcation of plantation area I/c marking of sections, path and preparation of map	0	- Mandays/ Per Ha.	150	0.00	0.00
2	Cutting/ removal/ disposal of lantana (Cut Root Stock Method)	105		150	15750.00	23625.00
3	Broadcast sowing of grass seed including conversion into pellets in plantation area	3.08		150	462.00	693.00
4	Cleaning of lantana(sprouts) and seedlings One time after first cut	8		150	1200.00	1800.00
5	Tending operations	1.15		150	172.50	258.75
6	Cost of seed	1	Kg./ Ha.	650	650.00	860.24
-	Total				18234.50	27236.99
7	Contigency @5% of total cost	F Sage			911.73	1361.85
	G. Total				19146.23	28598.84
	or say				19150.00	28600
	Norm for 1st MAINTENANCE OF CLEARED ARE in Non-Tribal Areas for 20 YEAR -II	18-19				
1	Broadcast sowing of grass seed including conversion into pellets in plantation area	3.08	Mandays/	150	462.00	693.00
2	Cleaning of lantana (sprouts) and seedlings, 3 times throghout the year	15	Per Ha.	150	2250.00	3375.00
3	Cost of seed	1	Kg./ Ha.	650	650.00	860.24
4	Tending operations	1.15	Mandays/ Per Ha.	150	172.50	258.75
	Total	-	T CI TIG.		3534.50	5186.99
	Or Say				3500.00	5200
	Norm for 2nd MAINTENANCE OF CLEARED ARI in Non-Tribal Areas for 20 YEAR - III		FESTED UP	TO 10	00%	
1	Cleaning of lantana (sprouts) and seedlings, 3 times throghout the year	13	Mandays/	150	1950.00	2925.00
2	Tending operations	1.15	Per Ha.	150	172.50	258.75
	Total				2122.50	3183.75
	Or Say	2100.00	3200			
	Norm for 3rd MAINTENANCE OF CLEARED ARE in Non-Tribal Areas for 20		ESTED UP	TO 10	0%	
	YEAR - IV	42		150	1050.00	2025.00
1	Cleaning of lantana (sprouts) and seedlings, 3 times throghout the year	13	Mandays/ Per Ha.	150	1950.00	2925.00
2	Tending operations	1.15		150	172.50	258.75
Maria	Total				2122.50	3183.75
	Or Say	2100.00	3200			
145 F 18	Total Cost including Maintenance	26850	40200			

Pr. Chief Conservator of Forests (Hoff), HP