

No.Ft. 1790-/71(D)2011-12/Vol-IX(Norms)
Himachal Pradesh Forest Department

Dated

Shimla, the

22 NOV 2019

From: Pr. CCF (HoFF)HP

To: 1. Pr. CCF (WL) HP
2. PCCF (M&E & Eco Tourism)
3. APCCF (CAT Plans & CAMPA) Shimla
4. APCCFs (R&T) Sundernagar; APCCF (IT);
(Projects & EAPs)
o/o Pr. CCF HP
5. CPDs IDP Solan; HPFECPP
(KfW) D/shala & HPFEMLP Shimla
6. All CCFS/CFs (T & WL) in HP
7. Registrar (Bud) O/o CCF (HoFF) HP


Subject: Cost norms for raising **Tall Plantations** for Non-Tribal & Tribal Areas for the year 2019-20.

Memo

Please refer to this office letter of even number dated 7th June, 2019 vide which cost norms for raising tall plantation in Non-Tribal & Tribal areas for the year 2019-20 have been circulated.

2. The Govt. of H.P. has now approved the standard design & cost norms of RCC fence post vide letter No. FFE-B-F(4)3/2019 dated 27.08.2019 and the same stands circulated to the field offices vide this office endst. of even number dated 29.08.2019 as well as through e-mail dated 29.08.2019. Accordingly, cost norms for raising of tall plantations (800/700/600/500/400/300/200 plants per Ha) with RCC fence posts have been revised and are enclosed herewith. These revised cost norms will be applicable only for the plantations to be raised after 01.09.2019. Other conditions laid in this office letter of even number dated 07.06.2019 shall remain the same and should be following in letter and spirit.

Encl: As above.

 22.11.2019

Pr. Chief Conservator of Forests (HoFF),
Himachal Pradesh

Annexure-A

Revised Cost Norms (per Ha) for raising 800 tall plants with RCC Fence Posts (Non-Tribal & Tribal) for the year 2019-20 due increase in rates of RCC fence post from ₹250 to ₹358

S. No.	Description of work	Quantity	Unit	Rate	Amount (basic wage rate applied ₹150/- per day)	
				(in Rs)	(N/T) (in Rs.)	(T) (in Rs.)
1	Survey and demarcation of plantation area	1	Ha	101.00	101.00	126.25
2	Bush cutting in strips	1	Ha	1192.80	1192.80	1491.00
3	Collection of debris and burning	1	Ha	681.80	681.80	852.25
4	Preparation of inspection path 60 cm wide	250	m	11.00	2750.00	3437.50
5	Digging of pits 60cmx60cmx60cm	800	No.	1745%	13960.00	17450.00
6	Filling of pits 60cmx60cmx60cm	800	No.	254%	2032.00	2540.00
7	Carriage of plants in polythene bags from nursery to work site O/D 1 km (level)	800	No.	1476%	11808.00	14760.00
8	Planting of tall plants i/c ramming	800	No.	654.30%	5234.40	6543.00
9	Cost of RCC fence posts	50	No.	358	17900.00	17900.00
10	Carriage of RCC Fence post	50	No.	L/S	4000.00	5000.00
11	Fixing of RCC posts i/c strutting	50	No.	696.35%	348.18	435.23
12	Stretching and fixing of barbed wire with U-staple in four strands	585	Rmt	4.80	2808.00	3510.00
13	Interlacing of thorny bushes with barbed wire	195	Rmt.	4.00	780.00	975.00
14	Cost of barbed wire	0.084	MT	65100	5468.40	5468.40
15	Cost of U-staple	0.001	MT	64000	64.00	64.00
16	Mulching of plants	800	No.	84.80%	678.40	848.00
17	Irrigation as per need/photography etc.		L/s		2500.00	2500.00
	Total				72306.98	83900.63
	Add 66.66% increase {Due to increase of wage rates from Rs. 150/- to Rs. 250/- per day } except item nos. 9, 14,15 & 17				30913.30	38641.62
	G.Total				103220.28	122542.25
				Or say	103200.00	122500.00

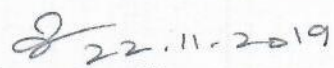
1. The proposed cost norms would be upper limit. the exp. shall be charged as per actuals, if lower than the norms.
2. For water conservation, moisture retention interventions be undertaken.
3. Maintenance will be carried out for 3 years for which the norms are as under:-
 - 1st year ₹ 5350/- per Ha.
 - 2nd year ₹ 2960/- per Ha.
 - 3rd year ₹ 1770/- per Ha.
4. Photographs of plantation site before and after planting
5. GPS Co-ordinates of plantation area
6. The objective is better survival.


 22.11.2019
 Principal Chief Conservator of Forests (HoFF),
 Himachal Pradesh

Revised Cost Norms (per Ha) for raising 700 tall plants with RCC Fence Posts (Non-Tribal & Tribal) for the year 2019-20 due increase in rates of RCC fence post from ₹250 to ₹358

S. No.	Description of work	Quantity	Unit	Rate	Amount (basic wage rate applied ₹150/- per day)	
				(in Rs)	(N/T) (in Rs.)	(T) (in Rs.)
1	Survey and demarcation of plantation area	1	Ha	101.00	101.00	126.25
2	Bush cutting in strips	1	Ha	1192.80	1192.80	1491.00
3	Collection of debris and burning	1	Ha	681.80	681.80	852.25
4	Preparation of inspection path 60 cm wide	250	m	11.00	2750.00	3437.50
5	Digging of pits 60cmx60cmx60cm	700	No.	1745%	12215.00	15268.75
6	Filling of pits 60cmx60cmx60cm	700	No.	254%	1778.00	2222.50
7	Carriage of plants in polythene bags from nursery to work site O/D 1 km (level)	700	No.	1476%	10332.00	12915.00
8	Planting of tall plants i/c ramming	700	No.	654.30%	4580.10	5725.13
9	Cost of RCC fence posts	50	No.	358	17900.00	17900.00
10	Carriage of RCC Fence post	50	No.	L/S	4000.00	4000.00
11	Fixing of RCC posts i/c strutting	50	No.	696.35%	348.18	435.23
12	Stretching and fixing of barbed wire with U-staple in four strands	585	Rmt	4.80	2808.00	3510.00
13	Interlacing of thorny bushes with barbed wire	195	Rmt.	4.00	780.00	975.00
14	Cost of barbed wire	0.084	MT	65100	5468.40	5468.40
15	Cost of U-staple	0.001	MT	64000	64.00	64.00
16	Mulching of plants	700	No.	84.80%	593.60	742.00
17	Irrigation as per need/photography etc.		L/s		2300.00	2300.00
	Total				67892.88	77433.01
	Add 66.66% increase {Due to increase of wage rates from Rs. 150/- to Rs. 250/- per day } except item nos. 9, 14,15 & 17				28104.18	34463.63
	G.Total				95997.06	111896.64
				Or say	96000.00	111900.00

- The proposed cost norms would be upper limit. the exp. shall be charged as per actuals, if lower than the norms.
- For water conservation, moisture retention interventions be undertaken.
- Maintenance will be carried out for 3 years for which the norms are as under:-
1st year ₹ 4870/- per Ha.
2nd year ₹ 2600/- per Ha.
3rd year ₹ 1420/- per Ha.
- Photographs of plantation site before and after planting
- GPS Co-ordinates of plantation area
- The objective is better survival.


 22.11.2019
 Principal Chief Conservator of Forests (HoFF),
 Himachal Pradesh

Revised Cost Norms (per Ha) for raising 600 tall plants with RCC Fence Posts (Non-Tribal & Tribal) for the year 2019-20 due increase in rates of RCC fence post from ₹250 to ₹358

S. No.	Description of work	Quantity	Unit	Rate	Amount (basic wage rate applied ₹150/- per day)	
				(in Rs)	(N/T) (in Rs.)	(T) (in Rs.)
1	Survey and demarcation of plantation area	1	Ha	101.00	101.00	126.20
2	Bush cutting in strips	1	Ha	1192.80	1192.80	1491.00
3	Collection of debris and burning	1	Ha	681.80	681.80	852.20
4	Preparation of inspection path 60 cm wide	250	m	11.00	2750.00	3437.50
5	Digging of pits 60cmx60cmx60cm	600	No.	1745%	10470.00	13087.50
6	Filling of pits 60cmx60cmx60cm	600	No.	254%	1524.00	1905.00
7	Carriage of plants in polythene bags from nursery to work site O/D 1 km (level)	600	No.	1476%	8856.00	11070.00
8	Planting of tall plants i/c ramming	600	No.	654.30%	3925.80	4907.20
9	Cost of RCC fence posts	50	No.	358	17900.00	17900.00
10	Carriage of RCC Fence post	50	No.	L/S	4000.00	4000.00
11	Fixing of RCC posts i/c strutting	50	No.	696.35%	348.18	435.20
12	Stretching and fixing of barbed wire with U-staple in four strands	585	Rmt	4.80	2808.00	3510.00
13	Interlacing of thorny bushes with barbed wire	195	Rmt.	4.00	780.00	975.00
14	Cost of barbed wire	0.084	MT	65100	5468.40	5468.40
15	Cost of U-staple	0.001	MT	64000	64.00	64.00
16	Mulching of plants	600	No.	84.80%	508.80	636.00
17	Irrigation as per need/photography etc.		L/s		2100.00	2100.00
	Total				63478.78	71965.38
	Add 66.66% increase {Due to increase of wage rates from Rs. 150/- to Rs. 250/- per day } except item nos. 9, 14,15 & 17				25295.06	30952.22
	G.Total				88773.84	102917.60
				Or say	88700.00	102900.00

- The proposed cost norms would be upper limit. the exp. shall be charged as per actuals, if lower than the norms.
- For water conservation, moisture retention interventions be undertaken.
- Maintenance will be carried out for 3 years for which the norms are as under:-
 - 1st year ₹ 4270/- per Ha.
 - 2nd year ₹ 2370/- per Ha.
 - 3rd year ₹ 1180/- per Ha.
- Photographs of plantation site before and after planting
- GPS Co-ordinates of plantation area
- The objective is better survival.

22.11.2019

Principal Chief Conservator of Forests (HoFF),
Himachal Pradesh

Revised Cost Norms (per Ha) for raising 500 tall plants with RCC Fence Posts.(Non-Tribal & Tribal) for the year 2019-20 due increase in rates of RCC fence post from ₹250 to ₹358

S. No.	Description of work	Quantity	Unit	Rate	Amount (basic wage rate applied ₹150/- per day)	
				(in Rs)	(N/T) (in Rs.)	(T) (in Rs.)
1	Survey and demarcation of plantation area	1	Ha	101.00	101.00	126.25
2	Bush cutting in strips	1	Ha	1192.80	1192.80	1491.00
3	Collection of debris and burning	1	Ha	681.80	681.80	852.25
4	Preparation of inspection path 60 cm wide	250	m	11.00	2750.00	3437.50
5	Digging of pits 60cmx60cmx60cm	500	No.	1745%	8725.00	10906.25
6	Filling of pits 60cmx60cmx60cm	500	No.	254%	1270.00	1587.50
7	Carriage of plants in polythene bags from nursery to work site O/D 1 km (level)	500	No.	1476%	7380.00	9225.00
8	Planting of tall plants i/c ramming	500	No.	654.30%	3271.50	4089.30
9	Cost of RCC fence posts	50	No.	358	17900.00	17900.00
10	Carriage of RCC Fence post	50	No.	L/S	4000.00	4000.00
11	Fixing of RCC posts i/c strutting	50	No.	696.35%	348.18	435.20
12	Stretching and fixing of barbed wire with U-staple in four strands	585	Rmt	4.80	2808.00	3510.00
13	Interlacing of thorny bushes with barbed wire	195	Rmt.	4.00	780.00	975.00
14	Cost of barbed wire	0.084	MT	65100	5468.40	5468.40
15	Cost of U-staple	0.001	MT	64000	64.00	64.00
16	Mulching of plants	500	No.	84.80%	424.00	530.00
17	Irrigation as per need/photography etc.		L/s		1900.00	1900.00
	Total				59064.68	66497.76
	Add 66.66% increase {Due to increase of wage rates from Rs. 150/- to Rs. 250/- per day } except item nos. 9, 14,15 & 17				22485.94	27440.83
	G.Total				81550.62	93938.59
				Or say	81500.00	93900.00

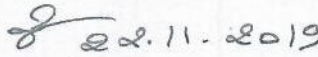
- The proposed cost norms would be upper limit. the exp. shall be charged as per actuals, if lower than the norms.
- For water conservation, moisture retention interventions be undertaken.
- Maintenance will be carried out for 3 years for which the norms are as under:-
 - 1st year ₹ 3670/- per Ha.
 - 2nd year ₹ 2020/- per Ha.
 - 3rd year ₹ 940/- per Ha.
- Photographs of plantation site before and after planting
- GPS Co-ordinates of plantation area
- The objective is better survival.

22.11.2019
Principal Chief Conservator of Forests (HoFF),
Himachal Pradesh

Revised Cost Norms (per Ha) for raising 400 tall plants with RCC Fence Posts (Non-Tribal & Tribal) for the year 2019-20 due increase in rates of RCC fence post from ₹250 to ₹358

S. No.	Description of work	Quantity	Unit	Rate	Amount (basic wage rate applied ₹150/- per day)	
				(in Rs)	(N/T) (in Rs.)	(T) (in Rs.)
1	Survey and demarcation of plantation area	1	Ha	101.00	101.00	126.25
2	Bush cutting in strips	1	Ha	1192.80	1192.80	1491.00
3	Collection of debris and burning	1	Ha	681.80	681.80	852.25
4	Preparation of inspection path 60 cm wide	250	m	11.00	2750.00	3437.50
5	Digging of pits 60cmx60cmx60cm	400	No.	1745%	6980.00	8725.00
6	Filling of pits 60cmx60cmx60cm	400	No.	254%	1016.00	1270.00
7	Carriage of plants in polythene bags from nursery to work site O/D 1 km (level)	400	No.	1476%	5904.00	7380.00
8	Planting of tall plants i/c ramming	400	No.	654.30%	2617.20	3271.50
9	Cost of RCC fence posts	50	No.	358	17900.00	17900.00
10	Carriage of RCC Fence post	50	No.	L/S	4000.00	4000.00
11	Fixing of RCC posts i/c strutting	50	No.	696.35%	348.18	435.23
12	Stretching and fixing of barbed wire with U-staple in four strands	585	Rmt	4.80	2808.00	3510.00
13	Interlacing of thorny bushes with barbed wire	195	Rmt.	4.00	780.00	975.00
14	Cost of barbed wire	0.084	MT	65100	5468.40	5468.40
15	Cost of U-staple	0.001	MT	64000	64.00	64.00
16	Mulching of plants	400	No.	84.80%	339.20	424.00
17	Irrigation as per need/photography etc.		L/s		1700.00	1700.00
	Total				54650.58	61030.13
	Add 66.66% increase {Due to increase of wage rates from Rs. 150/- to Rs. 250/- per day } except item nos. 9, 14,15 & 17				19676.82	23929.43
	G.Total				74327.40	84959.56
				Or say	74300.00	84900.00

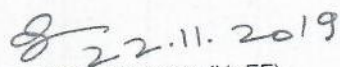
1. The proposed cost norms would be upper limit. the exp. shall be charged as per actuals, if lower than the norms.
2. For water conservation, moisture retention interventions be undertaken.
3. Maintenance will be carried out for 3 years for which the norms are as under:-
1st year ₹ 2960/- per Ha.
2nd year ₹ 1660/- per Ha.
3rd year ₹ 710/- per Ha.
4. Photographs of plantation-site before and after planting
5. GPS Co-ordinates of plantation area
6. The objective is better survival.


 22.11.2019
 Principal Chief Conservator of Forests (HoFF);
 Himachal Pradesh

Revised Cost Norms (per Ha) for raising 300 tall plants with RCC Fence Posts (Non-Tribal & Tribal) for the year 2019-20 due increase in rates of RCC fence post from ₹250 to ₹358

S. No.	Description of work	Quantity	Unit	Rate	Amount (basic wage rate applied ₹150/- per day)	
				(in Rs)	(N/T) (in Rs.)	(T) (in Rs.)
1	Survey and demarcation of plantation area	1	Ha	101.00	101.00	126.25
2	Bush cutting in strips	1	Ha	1192.80	1192.80	1491.00
3	Collection of debris and burning	1	Ha	681.80	681.80	852.25
4	Preparation of inspection path 60 cm wide	250	m	11.00	2750.00	3437.50
5	Digging of pits 60cmx60cmx60cm	300	No.	1745%	5235.00	6543.75
6	Filling of pits 60cmx60cmx60cm	300	No.	254%	762.00	952.50
7	Carriage of plants in polythene bags from nursery to work site O/D 1 km (level)	300	No.	1476%	4428.00	5535.00
8	Planting of tall plants i/c ramming	300	No.	654.30%	1962.90	2453.63
9	Cost of RCC fence posts	50	No.	358	17900.00	17900.00
10	Carriage of RCC Fence post	50	No.	L/S	4000.00	4000.00
11	Fixing of RCC posts i/c strutting	50	No.	696.35%	348.18	435.23
12	Stretching and fixing of barbed wire with U-staple in four strands	585	Rmt	4.80	2808.00	3510.00
13	Interlacing of thorny bushes with barbed wire	195	Rmt.	4.00	780.00	975.00
14	Cost of barbed wire	0.084	MT	65100	5468.40	5468.40
15	Cost of U-staple	0.001	MT	64000	64.00	64.00
16	Mulching of plants	300	No.	84.80%	254.40	318.00
17	Irrigation as per need/photography etc.		L/s		1500.00	1500.00
	Total				50236.48	55562.51
	Add 66.66% increase {Due to increase of wage rates from Rs. 150/- to Rs. 250/- per day } except item nos. 9, 14,15 & 17				16867.70	20418.00
	G.Total				67104.18	75980.51
				Or say	67100.00	75900.00

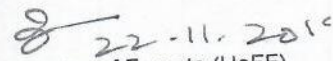
- The proposed cost norms would be upper limit. the exp. shall be charged as per actuals, if lower than the norms.
- For water conservation, moisture retention interventions be undertaken.
- Maintenance will be carried out for 3 years for which the norms are as under:-
 - 1st year ₹ 2370/- per Ha.
 - 2nd year ₹ 1420/- per Ha.
 - 3rd year ₹ 580/- per Ha.
- Photographs of plantation site before and after planting
- GPS Co-ordinates of plantation area
- The objective is better survival.


 22.11.2019
 Principal Chief Conservator of Forests (HoFF),
 Himachal Pradesh

Revised Cost Norms (per Ha) for raising 200 tall plants with RCC Fence Posts (Non-Tribal & Tribal) for the year 2019-20 due increase in rates of RCC fence post from ₹250 to ₹358

S. No.	Description of work	Quantity	Unit	Rate	Amount	Amount
				(in Rs)	(N/T) (in Rs.)	(T) (in Rs.)
1	Survey and demarcation of plantation area	1	Ha	101.00	101.00	126.25
2	Bush cutting in strips	1	Ha	1192.80	1192.80	1491.00
3	Collection of debris and burning	1	Ha	681.80	681.80	852.25
4	Preparation of inspection path 60 cm wide	250	m	11.00	2750.00	3437.00
5	Digging of pits 60cmx60cmx60cm	200	No.	1745%	3490.00	4362.00
6	Filling of pits 60cmx60cmx60cm	200	No.	254%	508.00	635.00
7	Carriage of plants in polythene bags from nursery to work site O/D 1 km (level)	200	No.	1476%	2952.00	3690.00
8	Planting of tall plants i/c ramming	200	No.	654.30%	1308.60	1635.75
9	Cost of RCC fence posts	50	No.	358	17900.00	17900.00
10	Carriage of RCC Fence post	50	No.	L/S	4000.00	4000.00
11	Fixing of RCC posts i/c strutting	50	No.	696.35%	348.18	435.23
12	Stretching and fixing of barbed wire with U-staple in four strands	585	Rmt	4.80	2808.00	3510.00
13	Interlacing of thorny bushes with barbed wire	195	Rmt.	4.00	780.00	975.00
14	Cost of barbed wire	0.084	MT	65100	5468.40	5468.40
15	Cost of U-staple	0.001	MT	64000	64.00	64.00
16	Mulching of plants	200	No.	84.80%	169.60	211.00
17	Irrigation as per need/photography etc.		L/s		1300.00	1300.00
	Total				45822.38	5009.88
					14058.58	1690.63
	Add 66.66% increase {Due to increase of wage rates from Rs. 150/- to Rs. 250/- per day } except item nos. 9, 14,15 & 17				59880.96	6700.151
	G.Total				59800.00	6700.00
				Or say	59800.00	6700.00

1. The proposed cost norms would be upper limit. the exp. shall be charged as per actuals, if lower than the norms.
2. For water conservation, moisture retention interventions be undertaken.
3. Maintenance will be carried out for 3 years for which the norms are as under:-
 - 1st year ₹ 1660/- per Ha.
 - 2nd year ₹ 1060/- per Ha.
 - 3rd year ₹ 460/- per Ha.
4. Photographs of plantation site before and after planting
5. GPS Co-ordinates of plantation area
6. The objective is better survival.


 22-11-2019
 Principal Chief Conservator of Forests (HoFF),
 Himachal Pradesh