

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

Dated **22 APR 2020** Shimla, the

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 2020-21.

Memo

The approved cost norms for raising tall plantation in Non-Tribal & Tribal areas vide Government letter No. FFE-B-F(5)1-2017 dated 12<sup>th</sup> May, 2017 for implementation in the field.

2. Now, daily wage rates have been revised by the Govt. vide Finance Department letter No. FIN-(PR)B(7)-33/2010 dated 24.03.2020 from existing ₹250/- to ₹275/- per day in the state of Himachal Pradesh. Accordingly, increased wage rates are applicable in the approved norms of tall plantations. The cost norms have been calculated applying the increased wage rate and are enclosed herewith for taking further necessary action.

3. The guiding principles laid down by the Govt. while approving the cost norms for raising tall plantation vide letter quoted above shall remain enforced and should be followed in letter and spirit.

4. Necessary parameters for tall plants have been defined and circulated to the field offices separately vide this office memo No. Ft.15-434/10(D) DAO/2017-18/Vol-III dated 21.02.2018.

2. The plantation norms indicate the upper limits. The DFOs will choose items and book actual costs such that the total expenditure will not exceed 80% of the total cost per hectare for plantations as indicated in the norms. Efforts should be made that 60% species should be of fodder and 40% species should be of fruits in case of broad leaved species.

Encl: As above.

*22.4.2020*

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

**Abstract of cost norms for raising tall plantation during the year 2020-21**  
 {Wage rate ₹275/- per day for Non-Tribal areas and ₹ 344/- per day for Tribal areas}

Plantation model	Non-Tribal (₹/ha)	Tribal (₹/ha)
800 Plants/Ha with RCC Fencing	110900	132200
800 Plants/Ha with CC Fencing	100800	122000
800 Plants/Ha with wooden Fencing	88600	108700
700 Plants/Ha with RCC Fencing	103000	120500
700 Plants/Ha with CC Fencing	92800	110300
700 Plants/Ha with wooden Fencing	80700	98900
600 Plants/Ha with RCC Fencing	95100	110600
600 Plants/Ha with CC Fencing	84900	100500
600 Plants/Ha with wooden Fencing	72700	89000
500 Plants/Ha with RCC Fencing	87100	100800
500 Plants/Ha with CC Fencing	77000	90600
500 Plants/Ha with wooden Fencing	64800	79200
400 Plants/Ha with RCC Fencing	79200	90900
400 Plants/Ha with CC Fencing	69000	80700
400 Plants/Ha with wooden Fencing	56700	69100
300 Plants/Ha with RCC Fencing	71300	81000
300 Plants/Ha with CC Fencing	61100	70900
300 Plants/Ha with wooden Fencing	49000	59500
200 Plants/Ha with RCC Fencing	63300	71200
200 Plants/Ha with CC Fencing	53200	61000
200 Plants/Ha with wooden Fencing	41000	49600

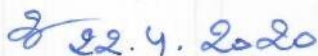
*22.4.2020*

Pr. Chief Conserator of Forests (HoFF)  
 Himachal Ptradesh

## Cost Norms (per Ha) for raising 800 tall plants with RCC Fence Posts (Non-Tribal &amp; Tribal) for the year 2020-21

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
	<b>Total</b>				<b>72306.98</b>	<b>83900.63</b>
	Add 83.33% increase {Due to increase of wage rates from Rs. 150/- to Rs. 275/- per day } except item nos. 9, 14,15 & 17				38643.94	48304.93
	<b>G.Total</b>				<b>110950.92</b>	<b>132205.56</b>
				Or say	<b>110900.00</b>	<b>132200.00</b>

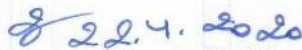
1. The proposed cost norms would be upper limit. the exp. shall be charged as per actuals, if lower than the norms.
2. For water conservation, moisture retention interventions be undertaken.
3. Maintenance will be carried out for 3 years for which the norms are as under:-
  - 1st year ₹ 5880/- per Ha.
  - 2nd year ₹ 3250/- per Ha.
  - 3rd year ₹ 1940/- per Ha.
4. Photographs of plantation site before and after planting
5. GPS Co-ordinates of plantation area
6. The objective is better survival.

  
 Principal Chief Conservator of Forests (HoFF),  
 Himachal Pradesh

## Norms (per Ha) for raising 800 tall plants with CC Fence Posts (Non-Tribal &amp; Tribal) for the year 2020-21

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 CC fence posts	50	No.	155	7750.00	7750.00
10	Carriage of CC Fence post	50	No.	L/S	4000.00	5000.00
11	Fixing of CC 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
	<b>Total</b>				<b>62156.98</b>	<b>73750.63</b>
	Add 83.33% increase {Due to increase of wage rates from Rs. 150/- to Rs. 275/- per day } except item nos. 9, 14,15 & 17				38643.94	48304.93
	<b>G.Total</b>				<b>100800.92</b>	<b>122055.56</b>
				Or say	<b>100800.00</b>	<b>122000.00</b>

- 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 ₹ 5880/- per Ha.
  - 2nd year ₹ 3250/- per Ha.
  - 3rd year ₹ 1940/- per Ha.
- Photographs of plantation site before and after planting
- GPS Co-ordinates of plantation area
- The objective is better survival.

  
 Principal Chief Conservator of Forests (HoFF),  
 Himachal Pradesh

## Norms (per Ha) for raising 800 tall plants with Wooden Fence Posts(Non-Tribal &amp; Tribal) for the year 2020-21

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	123.25
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	Cutting & preparation of wooden fence post 1.80m and 8 to 10 cm dia i/c debarking and fastening the top 15 cm in conical shape.	50	No.	1295.00%	647.50	809.38
10	Carriage of wooden Fence post	50	No.	681.80%	340.90	423.13
11	Charring & coal tarring of the ends of the posts 45 cm bottom and 15 cm conical tip	50	No.	279.50%	139.75	174.69
12	Digging of holes 20-30 cm dia & 45 cm deep	50	No.	906.80%	453.40	563.75
13	Fixing of wooden posts i/c strutting	50	No.	716.00%	358.00	447.50
14	Stretching and fixing of barbed wire with U-staple in four strands	585	Rmt	4.80	2808.00	3510.00
15	Interlacing of thorny bushes with barbed wire	195	Rmt.	4.00	780.00	975.00
16	Cost of barbed wire	0.084	MT	65100.00	5468.40	5463.40
17	Cost of U-staple	0.001	MT	64000.00	64.00	64.00
18	Mulching of plants	800	No.	84.80%	678.40	843.00
19	Irrigation as per need/photography etc.		L/s		2500.00	2500.00
	<b>Total</b>				<b>51998.35</b>	<b>62989.85</b>
	Add 83.33% increase {Due to increase of wage rates from Rs. 150/- to Rs. 275/- per day} except item nos. 16, 17 & 19				36636.83	45795.04
	<b>G.Total</b>				<b>88635.18</b>	<b>108785.89</b>
				Or say	<b>88600.00</b>	<b>108700.00</b>

- 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 ₹ 5880/- per Ha.
  - 2nd year ₹ 3250/- per Ha.
  - 3rd year ₹ 1940/- per Ha.
- Photographs of plantation site before and after planting
- GPS Co-ordinates of plantation area
- The objective is better survival.


*22.4.2020*

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 2020-21**

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	123.25
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	15263.75
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	5463.40
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
	<b>Total</b>				<b>67892.88</b>	<b>77433.01</b>
	Add 83.33% increase {Due to increase of wage rates from Rs. 150/- to Rs. 275/- per day } except item nos. 9, 14,15 & 17				35132.33	43082.12
	<b>G.Total</b>				<b>103025.21</b>	<b>120515.13</b>
				Or say	<b>103000.00</b>	<b>120500.00</b>

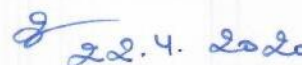
- The proposed cost norms would be upper limit. the exp. shall be charged as per actuals, if lower than the norms.
- For water conservation, moisture retention interventions be undertaken.
- Maintenance will be carried out for 3 years for which the norms are as under:-
  - 1st year ₹ 5350/- per Ha.
  - 2nd year ₹ 2860/- per Ha.
  - 3rd year ₹ 1560/- per Ha.
- Photographs of plantation site before and after planting
- GPS Co-ordinates of plantation area
- The objective is better survival.

  
 Principal Chief Conservator of Forests (HoFF),  
 Himachal Pradesh

## Norms (per Ha) for raising 700 tall plants with CC Fence Posts (Non-Tribal &amp; Tribal) for the year 2020-21

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.)
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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	15263.75
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 CC fence posts	50	No.	155	7750.00	7750.00
10	Carriage of CC Fence post	50	No.	L/S	4000.00	4000.00
11	Fixing of CC 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
	<b>Total</b>				<b>57742.88</b>	<b>67283.01</b>
	Add 83.33% increase {Due to increase of wage rates from Rs. 150/- to Rs. 275/- per day } except item nos. 9, 14,15 & 17				35132.33	43082.12
	<b>G.Total</b>				<b>92875.21</b>	<b>110365.13</b>
				Or say	<b>92800.00</b>	<b>110300.00</b>

- 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 ₹ 5350/- per Ha.  
2nd year ₹ 2860/- per Ha.  
3rd year ₹ 1560/- per Ha.
- Photographs of plantation site before and after planting
- GPS Co-ordinates of plantation area
- The objective is better survival.

  
 22.4.2020  
 Principal Chief Conservator of Forests (HoFF),  
 Himachal Pradesh

## Norms (per Ha) for raising 700 tall plants with Wooden Fence Posts (Non-Tribal &amp; Tribal) for the year 2020-21

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	125.25
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	15263.75
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	Cutting & preparation of wooden fence post 1.80m and 8 to 10 cm dia i/c debarking and fastening the top 15 cm in conical shape.	50	No.	1295.00%	647.50	809.38
10	Carriage of wooden Fence post	50	No.	681.80%	340.90	425.13
11	Charring & coal tarring of the ends of the	50	No.	279.50%	139.75	174.69
12	Digging of holes 20-30 cm dia & 45 cm deep	50	No.	906.80%	453.40	565.75
13	Fixing of wooden posts i/c strutting	50	No.	716.00%	358.00	447.50
14	Stretching and fixing of barbed wire with U-	585	Rmt	4.80	2808.00	3510.00
15	Interlacing of thorny bushes with barbed wire	195	Rmt.	4.00	780.00	975.00
16	Cost of barbed wire	0.084	MT	65100	5468.40	5468.40
17	Cost of U-staple	0.001	MT	64000	64.00	64.00
18	Mulching of plants	700	No.	84.80%	593.60	742.00
19	Irrigation as per need/photography etc.		L/s		2300.00	2300.00
	<b>Total</b>				<b>47584.25</b>	<b>57522.23</b>
	Add 83.33% increase {Due to increase of wage rates from Rs. 150/- to Rs. 275/- per day} except item nos. 16, 17 & 19				33125.22	41406.54
	<b>G.Total</b>				<b>80709.47</b>	<b>98928.77</b>
				Or say	<b>80700.00</b>	<b>98900.00</b>

- 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 ₹ 5350/- per Ha.
  - 2nd year ₹ 2860/- per Ha.
  - 3rd year ₹ 1560/- per Ha.
- Photographs of plantation site before and after planting
- GPS Co-ordinates of plantation area
- The objective is better survival.

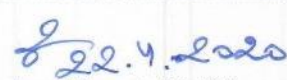
  
 Principal Chief Conservator of Forests (HoFF),  
 Himachal Pradesh



**Revised Cost Norms (per Ha) for raising 600 tall plants with RCC Fence Posts (Non-Tribal & Tribal) for the year 2020-21**

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	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	4907.25
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	600	No.	84.80%	508.80	636.00
17	Irrigation as per need/photography etc.		L/s		2100.00	2100.00
	<b>Total</b>				<b>63478.78</b>	<b>71965.38</b>
	Add 83.33% increase {Due to increase of wage rates from Rs. 150/- to Rs. 275/- per day } except item nos. 9, 14,15 & 17				31620.72	38692.60
	<b>G.Total</b>				<b>95099.50</b>	<b>110657.98</b>
				Or say	<b>95100.00</b>	<b>110600.00</b>

- 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 ₹ 4690/- per Ha.
  - 2nd year ₹ 2600/- per Ha.
  - 3rd year ₹ 1290/- per Ha.
- Photographs of plantation site before and after planting
- GPS Co-ordinates of plantation area
- The objective is better survival.

  
 Principal Chief Conservator of Forests (HoFF),  
 Himachal Pradesh

## Norms (per Ha) for raising 600 tall plants with CC Fence Posts (Non-Tribal &amp; Tribal) for the year 2020-21

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	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	4907.25
9	Cost of CC fence posts	50	No.	155	7750.00	7750.00
10	Carriage of CC Fence post	50	No.	L/S	4000.00	4000.00
11	Fixing of CC 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	600	No.	84.80%	508.80	635.00
17	Irrigation as per need/photography etc.		L/s		2100.00	2100.00
	<b>Total</b>				<b>53328.78</b>	<b>61815.38</b>
	Add 83.33% increase {Due to increase of wage rates from Rs. 150/- to Rs. 275/- per day } except item nos. 9, 14,15 & 17				31620.72	38692.60
	<b>G.Total</b>				<b>84949.50</b>	<b>100507.98</b>
				Or say	<b>84900.00</b>	<b>100500.00</b>

- 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 ₹ 4690/- per Ha.
  - 2nd year ₹ 2600/- per Ha.
  - 3rd year ₹ 1290/- per Ha.
- Photographs of plantation site before and after planting
- GPS Co-ordinates of plantation area
- The objective is better survival.

22.4.2020

Principal Chief Conservator of Forests (HoFF),  
Himachal Pradesh

## Norms (per Ha) for raising 600 tall plants with Wooden Fence Posts (Non-Tribal &amp; Tribal) for the year 2020-21

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	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	4907.25
9	Cutting & preparation of wooden fence post 1.80m and 8 to 10 cm dia i/c debarking and fastening the top 15 cm in conical shape.	50	No.	1295.00%	647.50	809.38
10	Carriage of wooden Fence post	50	No.	681.80%	340.90	426.13
11	Charring & coal tarring of the ends of the posts 45 cm bottom and 15 cm conical tip	50	No.	279.50%	139.75	174.69
12	Digging of holes 20-30 cm dia & 45 cm deep	50	No.	906.80%	453.40	566.75
13	Fixing of wooden posts i/c strutting	50	No.	716.00%	358.00	447.50
14	Stretching and fixing of barbed wire with U-staple in four strands	585	Rmt	4.80	2808.00	3510.00
15	Interlacing of thorny bushes with barbed wire	195	Rmt.	4.00	780.00	975.00
16	Cost of barbed wire	0.084	MT	65100	5468.40	5463.40
17	Cost of U-staple	0.001	MT	64000	64.00	64.00
18	Mulching of plants	600	No.	84.80%	508.80	633.00
19	Irrigation as per need/photography etc.		L/s		2100.00	2100.00
	<b>Total</b>				<b>43170.15</b>	<b>52054.60</b>
	Add 83.33% increase {Due to increase of wage rates from Rs. 150/- to Rs. 275/- per day} except item nos. 16, 17 & 19				29613.61	37017.02
	<b>G.Total</b>				<b>72783.76</b>	<b>89071.62</b>
				Or say	<b>72700.00</b>	<b>89000.00</b>

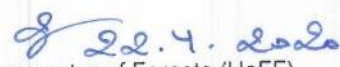
1. The proposed cost norms would be upper limit. the exp. shall be charged as per actuals, if lower than the norms.
2. For water conservation, moisture retention interventions be undertaken.
3. Maintenance will be carried out for 3 years for which the norms are as under:-
  - 1st year ₹ 4690/- per Ha.
  - 2nd year ₹ 2600/- per Ha.
  - 3rd year ₹ 1290/- per Ha.
4. Photographs of plantation site before and after planting
5. GPS Co-ordinates of plantation area
6. The objective is better survival.

  
 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 2020-21**

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	4089.38
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	500	No.	84.80%	424.00	530.00
17	Irrigation as per need/photography etc.		L/s		1900.00	1900.00
	<b>Total</b>				<b>59064.68</b>	<b>66497.76</b>
	Add 83.33% increase {Due to increase of wage rates from Rs. 150/- to Rs. 275/- per day } except item nos. 9, 14,15 & 17				28109.11	34303.09
	<b>G.Total</b>				<b>87173.79</b>	<b>100800.85</b>
				Or say	<b>87100.00</b>	<b>100800.00</b>


- 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 ₹ 4030/- per Ha.
  - 2nd year ₹ 2220/- per Ha.
  - 3rd year ₹ 1030/- per Ha.
- Photographs of plantation site before and after planting
- GPS Co-ordinates of plantation area
- The objective is better survival.

  
 Principal Chief Conservator of Forests (HoFF),  
 Himachal Pradesh

## Norms (per Ha) for raising 500 tall plants with CC Fence Posts (Non-Tribal &amp; Tribal) for the year 2020-21

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	123.25
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	4089.38
9	Cost of CC fence posts	50	No.	155	7750.00	7750.00
10	Carriage of CC Fence post	50	No.	L/S	4000.00	4000.00
11	Fixing of CC 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	500	No.	84.80%	424.00	530.00
17	Irrigation as per need/photography etc.		L/s		1900.00	1900.00
	<b>Total</b>				<b>48914.68</b>	<b>56347.76</b>
	Add 83.33% increase {Due to increase of wage rates from Rs. 150/- to Rs. 275/- per day } except item nos. 9, 14, 15 & 17				28109.11	34303.09
	<b>G.Total</b>				<b>77023.79</b>	<b>90650.85</b>
				Or say	<b>77000.00</b>	<b>90600.00</b>

- 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 ₹ 4030/- per Ha.
  - 2nd year ₹ 2220/- per Ha.
  - 3rd year ₹ 1030/- per Ha.
- Photographs of plantation site before and after planting
- GPS Co-ordinates of plantation area
- The objective is better survival.

  
 Principal Chief Conservator of Forests (HoFF),  
 Himachal Pradesh

## Norms (per Ha) for raising 500 tall plants with Wooden Fence Posts (Non-Tribal &amp; Tribal) for the year 2020-21

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	123.25
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	4089.38
9	Cutting & preparation of wooden fence post 1.80m and 8 to 10 cm dia i/c debarking and fastening the top 15 cm in conical shape.	50	No.	1295.00%	647.50	809.38
10	Carriage of wooden Fence post	50	No.	681.80%	340.90	426.13
11	Charring & coal tarring of the ends of the posts 45 cm bottom and 15 cm conical tip	50	No.	279.50%	139.75	174.69
12	Digging of holes 20-30 cm dia & 45 cm deep	50	No.	906.80%	453.40	566.75
13	Fixing of wooden posts i/c strutting	50	No.	716.00%	358.00	447.50
14	Stretching and fixing of barbed wire with U-staple in four strands	585	Rmt	4.80	2808.00	3510.00
15	Interlacing of thorny bushes with barbed wire	195	Rmt.	4.00	780.00	975.00
16	Cost of barbed wire	0.084	MT	65100	5468.40	5468.40
17	Cost of U-staple	0.001	MT	64000	64.00	64.00
18	Mulching of plants	500	No.	84.80%	424.00	530.00
19	Irrigation as per need/photography etc.		L/s		1900.00	1900.00
	<b>Total</b>				<b>38756.05</b>	<b>46586.98</b>
	Add 83.33% increase {Due to increase of wage rates from Rs. 150/- to Rs. 275/- per day} except item nos. 16, 17 & 19				26102.00	32627.51
	<b>G.Total</b>				<b>64858.05</b>	<b>79214.49</b>
				Or say	<b>64800.00</b>	<b>79200.00</b>

- 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 ₹ 4030/- per Ha.
  - 2nd year ₹ 2220/- per Ha.
  - 3rd year ₹ 1030/- per Ha.
- Photographs of plantation site before and after planting
- GPS Co-ordinates of plantation area
- The objective is better survival.


*J 22.4.2020*

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 2020-21**

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	125.25
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	5463.40
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
	<b>Total</b>				<b>54650.58</b>	<b>61030.13</b>
	Add 83.33% increase {Due to increase of wage rates from Rs. 150/- to Rs. 275/- per day } except item nos. 9, 14,15 & 17				24597.50	29913.58
	<b>G.Total</b>				<b>79248.08</b>	<b>90943.71</b>
				Or say	<b>79200.00</b>	<b>90900.00</b>

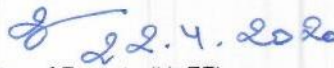
- The proposed cost norms would be upper limit. the exp. shall be charged as per actuals, if lower than the norms.
- For water conservation, moisture retention interventions be undertaken.
- Maintenance will be carried out for 3 years for which the norms are as under:-
  - 1st year ₹ 3250/- per Ha.
  - 2nd year ₹ 1820/- per Ha.
  - 3rd year ₹ 780/- per Ha.
- Photographs of plantation site before and after planting
- GPS Co-ordinates of plantation area
- The objective is better survival.

  
 Principal Chief Conservator of Forests (HoFF),  
 Himachal Pradesh

## Norms (per Ha) for raising 400 tall plants with CC Fence Posts (Non-Tribal &amp; Tribal) for the year 2020-21

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 CC fence posts	50	No.	155	7750.00	7750.00
10	Carriage of CC Fence post	50	No.	L/S	4000.00	4000.00
11	Fixing of CC 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
	<b>Total</b>				<b>44500.58</b>	<b>50880.13</b>
	Add 83.33% increase {Due to increase of wage rates from Rs. 150/- to Rs. 275/- per day } except item nos. 9, 14, 15 & 17				24597.50	29913.58
	<b>G.Total</b>				<b>69098.08</b>	<b>80793.71</b>
				Or say	<b>69000.00</b>	<b>80700.00</b>

- 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 ₹ 3250/- per Ha.
  - 2nd year ₹ 1820/- per Ha.
  - 3rd year ₹ 780/- per Ha.
- Photographs of plantation site before and after planting
- GPS Co-ordinates of plantation area
- The objective is better survival.

  
 Principal Chief Conservator of Forests (HoFF),  
 Himachal Pradesh



## Norms (per Ha) for raising 400 tall plants with Wooden Fence Posts (Non-Tribal &amp; Tribal) for the year 2020-21

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	123.25
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	Cutting & preparation of wooden fence post 1.80m and 8 to 10 cm dia i/c debarking and fastening the top 15 cm in conical shape.	50	No.	1295.00%	647.50	809.38
10	Carriage of wooden Fence post	50	No.	681.80%	340.90	423.13
11	Charring & coal tarring of the ends of the posts 45 cm bottom and 15 cm conical tip	50	No.	279.50%	139.75	174.69
12	Digging of holes 20-30 cm dia & 45 cm deep	50	No.	906.80%	453.40	563.75
13	Fixing of wooden posts i/c strutting	50	No.	716.00%	358.00	447.50
14	Stretching and fixing of barbed wire with U-staple in four strands	585	Rmt	4.80	2808.00	3510.00
15	Interlacing of thorny bushes with barbed wire	195	Rmt.	4.00	780.00	975.00
16	Cost of barbed wire	0.084	MT	63000.00	5292.00	5292.00
17	Cost of U-staple	0.001	MT	62000.00	62.00	62.00
18	Mulching of plants	400	No.	84.80%	339.20	424.00
19	Irrigation as per need/photography etc.		L/s		1700.00	1700.00
	<b>Total</b>				<b>34163.55</b>	<b>40940.95</b>
	Add 83.33% increase {Due to increase of wage rates from Rs. 150/- to Rs. 275/- per day} except item nos. 16, 17 & 19				22590.39	28233.00
	<b>G.Total</b>				<b>56753.94</b>	<b>69173.95</b>
				Or say	<b>56700.00</b>	<b>69100.00</b>

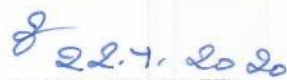
- The proposed cost norms would be upper limit. the exp. shall be charged as per actuals, if lower than the norms.
- For water conservation, moisture retention interventions be undertaken.
- Maintenance will be carried out for 3 years for which the norms are as under:-
  - 1st year ₹ 3250/- per Ha.
  - 2nd year ₹ 1820/- per Ha.
  - 3rd year ₹ 780/- per Ha.
- Photographs of plantation site before and after planting
- GPS Co-ordinates of plantation area
- The objective is better survival.

  
 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 2020-21**

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
	<b>Total</b>				<b>50236.48</b>	<b>55562.51</b>
	Add 83.33% increase {Due to increase of wage rates from Rs. 150/- to Rs. 275/- per day } except item nos. 9, 14,15 & 17				21085.89	25524.07
	<b>G.Total</b>				<b>71322.37</b>	<b>81086.58</b>
				Or say	71300.00	81000.00

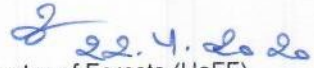
- The proposed cost norms would be upper limit. the exp. shall be charged as per actuals, if lower than the norms.
- For water conservation, moisture retention interventions be undertaken.
- Maintenance will be carried out for 3 years for which the norms are as under:-
  - 1st year ₹ 2600/- per Ha.
  - 2nd year ₹ 1560/- per Ha.
  - 3rd year ₹ 630/- per Ha.
- Photographs of plantation site before and after planting
- GPS Co-ordinates of plantation area
- The objective is better survival.

  
 Principal Chief Conservator of Forests (HoFF),  
 Himachal Pradesh

## Norms (per Ha) for raising 300 tall plants with CC Fence Posts (Non-Tribal &amp; Tribal) for the year 2020-21

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	123.25
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 CC fence posts	50	No.	155	7750.00	7750.00
10	Carriage of CC Fence post	50	No.	L/S	4000.00	4000.00
11	Fixing of CC 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	5463.40
15	Cost of U-staple	0.001	MT	64000	64.00	64.00
16	Mulching of plants	300	No.	84.80%	254.40	313.00
17	Irrigation as per need/photography etc.		L/s		1500.00	1500.00
	<b>Total</b>				<b>40086.48</b>	<b>45412.51</b>
	Add 83.33% increase {Due to increase of wage rates from Rs. 150/- to Rs. 275/- per day } except item nos. 9, 14,15 & 17				21085.89	25524.07
	<b>G.Total</b>				<b>61172.37</b>	<b>70933.58</b>
				Or say	<b>61100.00</b>	<b>70900.00</b>

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 ₹ 2600/- per Ha.
  - 2nd year ₹ 1560/- per Ha.
  - 3rd year ₹ 630/- per Ha.
4. Photographs of plantation site before and after planting
5. GPS Co-ordinates of plantation area
6. The objective is better survival.

  
 Principal Chief Conservator of Forests (HoFF),  
 Himachal Pradesh

## Norms (per Ha) for raising 300 tall plants with Wooden Fence Posts (Non-Tribal &amp; Tribal) for the year 2020-21

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	Cutting & preparation of wooden fence post 1.80m and 8 to 10 cm dia i/c debarking and fastening the top 15 cm in conical shape.	50	No.	1295.00%	647.50	809.38
10	Carriage of wooden Fence post	50	No.	681.80%	340.90	426.13
11	Charring & coal tarring of the ends of the posts 45 cm bottom and 15 cm conical tip	50	No.	279.50%	139.75	174.69
12	Digging of holes 20-30 cm dia & 45 cm deep	50	No.	906.80%	453.40	566.75
13	Fixing of wooden posts i/c strutting	50	No.	716.00%	358.00	447.50
14	Stretching and fixing of barbed wire with U-staple in four strands	585	Rmt	4.80	2808.00	3510.00
15	Interlacing of thorny bushes with barbed wire	195	Rmt.	4.00	780.00	975.00
16	Cost of barbed wire	0.084	MT	65100.00	5468.40	5468.40
17	Cost of U-staple	0.001	MT	64000.00	64.00	64.00
18	Mulching of plants	300	No.	84.80%	254.40	318.00
19	Irrigation as per need/photography etc.		L/s		1500.00	1500.00
	<b>Total</b>				<b>29927.85</b>	<b>35651.73</b>
	Add 83.33% increase {Due to increase of wage rates from Rs. 150/- to Rs. 275/- per day} except item nos. 16, 17 & 19				19078.78	23848.49
	<b>G.Total</b>				<b>49006.63</b>	<b>59500.22</b>
				Or say	<b>49000.00</b>	<b>59500.00</b>

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 ₹ 2600/- per Ha.

2nd year ₹ 1560/- per Ha.

3rd year ₹ 630/- per Ha.

4. Photographs of plantation site before and after planting

5. GPS Co-ordinates of plantation area

6. The objective is better survival.

*22.4.2020*  
Principal Chief Conservator of Forests (HoFF),  
Himachal Pradesh

## Revised Cost Norms (per Ha) for raising 200 tall plants with RCC Fence Posts (Non-Tribal &amp; Tribal) for the year 2020-21

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	3437.50
5	Digging of pits 60cmx60cmx60cm	200	No.	1745%	3490.00	4362.50
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	212.00
17	Irrigation as per need/photography etc.		L/s		1300.00	1300.00
	<b>Total</b>				<b>45822.38</b>	<b>50094.88</b>
	Add 83.33% increase {Due to increase of wage rates from Rs. 150/- to Rs. 275/- per day } except item nos. 9, 14,15 & 17				17574.28	21134.55
	<b>G.Total</b>				<b>63396.66</b>	<b>71229.43</b>
				Or say	63300.00	71200.00

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 ₹ 1820/- per Ha.

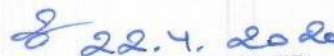
2nd year ₹ 1160/- per Ha.

3rd year ₹ 500/- per Ha.

4. Photographs of plantation site before and after planting

5. GPS Co-ordinates of plantation area

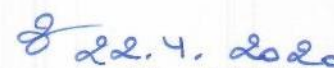
6. The objective is better survival.

  
 22.4.2020  
 Principal Chief Conservator of Forests (HoFF),  
 Himachal Pradesh

## Norms (per Ha) for raising 200 tall plants with CC Fence Posts (Non-Tribal &amp; Tribal) for the year 2020-21

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	200	No.	1745%	3490.00	4362.50
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 CC fence posts	50	No.	155	7750.00	7750.00
10	Carriage of CC Fence post	50	No.	L/S	4000.00	4000.00
11	Fixing of CC 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	65100.00	5468.40	5468.40
15	Cost of U-staple	0.001	MT	64000.00	64.00	64.00
16	Mulching of plants	200	No.	84.80%	169.60	212.00
17	Irrigation as per need/photography etc.		L/s		1300.00	1300.00
	<b>Total</b>				<b>35672.38</b>	<b>39944.88</b>
	Add 83.33% increase {Due to increase of wage rates from Rs. 150/- to Rs. 275/- per day } except item nos. 9, 14, 15 & 17				17574.28	21134.55
	<b>G.Total</b>				<b>53246.66</b>	<b>61079.43</b>
				Or say	53200.00	61000.00


- 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 ₹ 1820/- per Ha.
  - 2nd year ₹ 1160/- per Ha.
  - 3rd year ₹ 500/- per Ha.
- Photographs of plantation site before and after planting
- GPS Co-ordinates of plantation area
- The objective is better survival.

  
 Principal Chief Conservator of Forests (HoFF),  
 Himachal Pradesh

## Norms (per Ha) for raising 200 tall plants with Wooden Fence Posts (Non-Tribal &amp; Tribal) for the year 2020-21

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	200	No.	1745%	3490.00	4362.50
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	Cutting & preparation of wooden fence post 1.80m and 8 to 10 cm dia i/c debarking and fastening the top 15 cm in conical shape.	50	No.	1295.00%	647.50	809.38
10	Carriage of wooden Fence post	50	No.	681.80%	340.90	426.13
11	Charring & coal tarring of the ends of the posts 45 cm bottom and 15 cm conical tip	50	No.	279.50%	139.75	174.69
12	Digging of holes 20-30 cm dia & 45 cm deep	50	No.	906.80%	453.40	566.75
13	Fixing of wooden posts i/c strutting	50	No.	716.00%	358.00	447.50
14	Stretching and fixing of barbed wire with U-staple in four strands	585	Rmt	4.80	2808.00	3510.00
15	Interlacing of thorny bushes with barbed wire	195	Rmt.	4.00	780.00	975.00
16	Cost of barbed wire	0.084	MT	65100.00	5468.40	5468.40
17	Cost of U-staple	0.001	MT	64000.00	64.00	64.00
18	Mulching of plants	200	No.	84.80%	169.60	212.00
19	Irrigation as per need/photography etc.		L/s		1300.00	1300.00
	<b>Total</b>				<b>25513.75</b>	<b>30184.10</b>
	Add 83.33% increase {Due to increase of wage rates from Rs. 150/- to Rs. 275/- per day} except item nos. 16, 17 & 19				15567.17	19458.97
	<b>G.Total</b>				<b>41080.92</b>	<b>49643.07</b>
				Or say	<b>41000.00</b>	<b>49600.00</b>

- 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 ₹ 1820/- per Ha.
  - 2nd year ₹ 1160/- per Ha.
  - 3rd year ₹ 500/- per Ha.
- Photographs of plantation site before and after planting
- GPS Co-ordinates of plantation area
- The objective is better survival.

  
 Principal Chief Conservator of Forests (HoFF),  
 Himachal Pradesh