

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

Dated

Shimla, the

7 JUN 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

The approved cost norms for raising tall plantation in Non-Tribal & Tribal areas vide Government letter No. FFE-B-F(5)1/2017 were circulated to the field offices vide this office endst. of even number 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 20.02.2019 from existing ₹225/- to ₹250/- 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 <sup>are</sup> 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 in force 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)DAP/2017-18/Vol-III dated 21.02.2018.

5. 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.

1.6.2019

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

**Abstract of cost norms for raising tall plantation during the year 2019-20**  
**{Wage rate ₹250/- per day for Non-Tribal areas and ₹ 312/- per day for Tribal areas}**

Plantation model	Non-Tribal (₹/ha)	Tribal (₹/ha)
800 Plants/Ha with RCC Fencing	97800	117000
800 Plants/Ha with CC Fencing	93000	112000
800 Plants/Ha with wooden Fencing	81300	99500
700 Plants/Ha with RCC Fencing	90500	106400
700 Plants/Ha with CC Fencing	85800	101700
700 Plants/Ha with wooden Fencing	74000	90500
600 Plants/Ha with RCC Fencing	83300	95500
600 Plants/Ha with CC Fencing	78600	92700
600 Plants/Ha with wooden Fencing	66800	81600
500 Plants/Ha with RCC Fencing	76000	88500
500 Plants/Ha with CC Fencing	71400	83700
500 Plants/Ha with wooden Fencing	59600	72600
400 Plants/Ha with RCC Fencing	68900	79500
400 Plants/Ha with CC Fencing	64100	74800
400 Plants/Ha with wooden Fencing	52200	63500
300 Plants/Ha with RCC Fencing	61700	70500
300 Plants/Ha with CC Fencing	56900	65800
300 Plants/Ha with wooden Fencing	45100	54700
200 Plants/Ha with RCC Fencing	54400	61600
200 Plants/Ha with CC Fencing	49700	56800
200 Plants/Ha with wooden Fencing	37900	45700

*21.6.2019*

Pr. Chief Conserator of Forests (HoFF)  
Himachal P Pradesh



## Norms (per Ha) for raising 800 tall plants with RCC Fence Posts (Non-Tribal &amp; Tribal) for the year 2019-20

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.	250	12500.00	12500.00
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>66906.98</b>	<b>78500.63</b>
	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
	<b>G.Total</b>				<b>97820.28</b>	<b>117142.25</b>
				Or say	<b>97800.00</b>	<b>117000.00</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 ₹ 2960/- per Ha.  
3rd year ₹ 1770/- per Ha.
- Photographs of plantation site before and after planting
- GPS Co-ordinates of plantation area
- The objective is better survival.

  
 1.6.2019  
 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 2019-20

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 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
	<b>G.Total</b>				<b>93070.28</b>	<b>112392.25</b>
				Or say	<b>93000.00</b>	<b>112000.00</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 ₹ 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.

1.6.2019

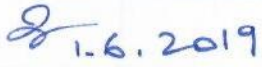
Principal Chief Conservator of Forests (HoFF),  
Himachal Pradesh



**Annexure-C**  
**Norms (per Ha) for raising 800 tall plants with Wooden Fence Posts(Non-Tribal & Tribal) for the year 2019-20**

S. No.	Description of work	Quantity	Unit	Rate (in Rs)	Amount (basic wage rate applied ₹150/- per day)	
					(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	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	800	No.	84.80%	678.40	848.00
19	Irrigation as per need/photography etc.		L/s		2500.00	2500.00
<b>Total</b>						
Add 66.66% increase {Due to increase of wage rates from Rs. 150/- to Rs. 250/- per day} except item nos. 16, 17 & 19						
<b>G.Total</b>					<b>51998.35</b>	<b>62989.85</b>
					29307.70	36634.64
					<b>81306.05</b>	<b>99624.49</b>
					<b>81300.00</b>	<b>99500.00</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 ₹ 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.

  
 1.6.2019  
 Principal Chief Conservator of Forests (HoFF),  
 Himachal Pradesh



## Annexure-D

## Norms (per Ha) for raising 700 tall plants with RCC Fence Posts (Non-Tribal &amp; Tribal) for the year 2019-20

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.	250	12500.00	12500.00
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
	<b>Total</b>				<b>62492.88</b>	<b>72033.01</b>
	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
	<b>G.Total</b>				<b>90597.06</b>	<b>106496.64</b>
				Or say	<b>90500.00</b>	<b>106400.00</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 ₹ 4870/- per Ha.
  - 2nd year ₹ 2600/- per Ha.
  - 3rd year ₹ 1420/- per Ha.
4. Photographs of plantation site before and after planting
5. GPS Co-ordinates of plantation area
6. The objective is better survival.

8/1.6.2019

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 2019-20

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 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 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
	<b>G.Total</b>				<b>85847.06</b>	<b>101746.64</b>
				Or say	<b>85800.00</b>	<b>101700.00</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 ₹ 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.

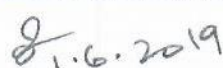
8 1.6.2019  
Principal Chief Conservator of Forests (HoFF),  
Himachal Pradesh



## Norms (per Ha) for raising 700 tall plants with Wooden Fence Posts (Non-Tribal &amp; Tribal) for the year 2019-20

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	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	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-	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 66.66% increase {Due to increase of wage rates from Rs. 150/- to Rs. 250/- per day} except item nos. 16, 17 & 19				26498.58	33123.24
	<b>G.Total</b>				<b>74082.83</b>	<b>90645.47</b>
				Or say	<b>74000.00</b>	<b>90500.00</b>

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- 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.


  
 1.6.2019  
 Principal Chief Conservator of Forests (HoFF),  
 Himachal Pradesh



**Norms (per Ha) for raising 600 tall plants with RCC Fence Posts (Non-Tribal & Tribal) for the year 2019-20**

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.	250	12500.00	12500.00
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>58078.78</b>	<b>66565.38</b>
	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
	<b>G.Total</b>				<b>83373.84</b>	<b>97517.60</b>
				Or say	<b>83300.00</b>	<b>95500.00</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 ₹ 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.

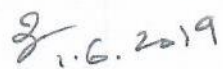
  
 1-6-2019  
 Principal Chief Conservator of Forests (HoFF),  
 Himachal Pradesh



## Norms (per Ha) for raising 600 tall plants with CC Fence Posts (Non-Tribal &amp; Tribal) for the year 2019-20

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	636.00
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 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
	<b>G.Total</b>				<b>78623.84</b>	<b>92767.60</b>
				Or say	<b>78600.00</b>	<b>92700.00</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 ₹ 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.

  
 Principal Chief Conservator of Forests (HoFF),  
 Himachal Pradesh



**Norms (per Ha) for raising 600 tall plants with Wooden Fence Posts (Non-Tribal & Tribal) for the year 2019-20**

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	5468.40
17	Cost of U-staple	0.001	MT	64000	64.00	64.00
18	Mulching of plants	600	No.	84.80%	508.80	636.00
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 66.66% increase {Due to increase of wage rates from Rs. 150/- to Rs. 250/- per day} except item nos. 16, 17 & 19				23689.46	29611.84
	<b>G.Total</b>				<b>66859.61</b>	<b>81666.44</b>
				Or say	<b>66800.00</b>	<b>81600.00</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 ₹ 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.

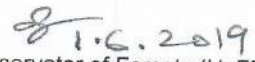
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Himachal Pradesh



**Norms (per Ha) for raising 500 tall plants with RCC Fence Posts (Non-Tribal & Tribal) for the year 2019-20**

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.	250	12500.00	12500.00
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>53664.68</b>	<b>61097.76</b>
	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
	<b>G.Total</b>				<b>76150.62</b>	<b>88538.59</b>
				Or say	<b>76000.00</b>	<b>88500.00</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 ₹ 3670/- per Ha.  
 2nd year ₹ 2020/- per Ha.  
 3rd year ₹ 940/- 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 500 tall plants with CC Fence Posts (Non-Tribal &amp; Tribal) for the year 2019-20

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 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 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
	<b>G.Total</b>				<b>71400.62</b>	<b>83788.59</b>
				Or say	<b>71400.00</b>	<b>83700.00</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 ₹ 3670/- per Ha.
  - 2nd year ₹ 2020/- per Ha.
  - 3rd year ₹ 940/- 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 500 tall plants with Wooden Fence Posts (Non-Tribal & Tribal) for the year 2019-20**

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	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 66.66% increase {Due to increase of wage rates from Rs. 150/- to Rs. 250/- per day} except item nos. 16, 17 & 19				20880.35	26100.44
	<b>G.Total</b>				<b>59636.40</b>	<b>72687.42</b>
			Or say		<b>59600.00</b>	<b>72600.00</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 ₹ 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.

1.6.2019


Principal Chief Conservator of Forests (HoFF),  
Himachal Pradesh



**Norms (per Ha) for raising 400 tall plants with RCC Fence Posts (Non-Tribal & Tribal) for the year 2019-20**

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.	250	12500.00	12500.00
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
	<b>Total</b>				<b>49250.58</b>	<b>55630.13</b>
	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
	<b>G.Total</b>				<b>68927.40</b>	<b>79559.56</b>
				Or say	<b>68900.00</b>	<b>79500.00</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 ₹ 2960/- per Ha.
  - 2nd year ₹ 1660/- per Ha.
  - 3rd year ₹ 710/- per Ha.
- Photographs of plantation site before and after planting
- GPS Co-ordinates of plantation area
- The objective is better survival.

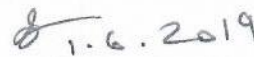
  
 1.6.2019  
 Principal Chief Conservator of Forests (HoFF),  
 Himachal Pradesh



## Norms (per Ha) for raising 400 tall plants with CC Fence Posts (Non-Tribal &amp; Tribal) for the year 2019-20

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 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
	<b>G.Total</b>				<b>64177.40</b>	<b>74809.56</b>
				Or say	<b>64100.00</b>	<b>74800.00</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 ₹ 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.

  
 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 2019-20

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	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	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 66.66% increase {Due to increase of wage rates from Rs. 150/- to Rs. 250/- per day} except item nos. 16, 17 & 19				18071.23	22589.04
	<b>G.Total</b>				<b>52234.78</b>	<b>63529.99</b>
				Or say	<b>52200.00</b>	<b>63500.00</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 ₹ 2960/- per Ha.
  - 2nd year ₹ 1660/- per Ha.
  - 3rd year ₹ 710/- per Ha.
- Photographs of plantation site before and after planting
- GPS Co-ordinates of plantation area
- The objective is better survival.

8.1.6.2019

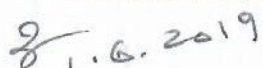
Principal Chief Conservator of Forests (HoFF),  
Himachal Pradesh



## Norms (per Ha) for raising 300 tall plants with RCC Fence Posts (Non-Tribal &amp; Tribal) for the year 2019-20

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.	250	12500.00	12500.00
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>44836.48</b>	<b>50162.51</b>
	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	20418.03
	<b>G.Total</b>				<b>61704.18</b>	<b>70580.54</b>
				Or say	<b>61700.00</b>	<b>70500.00</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 ₹ 2370/- per Ha.  
2nd year ₹ 1420/- per Ha.  
3rd year ₹ 580/- per Ha.
4. Photographs of plantation site before and after planting
5. GPS Co-ordinates of plantation area
6. The objective is better survival.

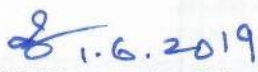
  
 Principal Chief Conservator of Forests (HoFF),  
 Himachal Pradesh



## Norms (per Ha) for raising 300 tall plants with CC Fence Posts (Non-Tribal &amp; Tribal) for the year 2019-20

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	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	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>40086.48</b>	<b>45412.51</b>
	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	20418.03
	<b>G.Total</b>				<b>56954.18</b>	<b>65830.54</b>
				Or say	<b>56900.00</b>	<b>65800.00</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 ₹ 2370/- per Ha.
  - 2nd year ₹ 1420/- per Ha.
  - 3rd year ₹ 580/- 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



## Annexure-R

## Norms (per Ha) for raising 300 tall plants with Wooden Fence Posts (Non-Tribal &amp; Tribal) for the year 2019-20

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 66.66% increase {Due to increase of wage rates from Rs. 150/- to Rs. 250/- per day} except item nos. 16, 17 & 19				15262.11	19077.65
	<b>G.Total</b>				<b>45189.96</b>	<b>54729.38</b>
				Or say	<b>45100.00</b>	<b>54700.00</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 ₹ 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.

1.6.2019

Principal Chief Conservator of Forests (HoFF),  
Himachal Pradesh



## Norms (per Ha) for raising 200 tall plants with RCC Fence Posts (Non-Tribal &amp; Tribal) for the year 2019-20

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.	250	12500.00	12500.00
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>40422.38</b>	<b>44694.88</b>
	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				14058.58	16906.63
	<b>G.Total</b>				<b>54480.96</b>	<b>61601.51</b>
				Or say	<b>54400.00</b>	<b>61600.00</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 ₹ 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.

8.1.6.2019

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 2019-20

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
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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 66.66% increase {Due to increase of wage rates from Rs. 150/- to Rs. 250/- per day } except item nos. 9, 14, 15 & 17				14058.58	16906.63
	<b>G.Total</b>				<b>49730.96</b>	<b>56851.51</b>
			Or say		<b>49700.00</b>	<b>56800.00</b>

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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.

21.6.2019

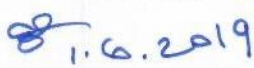
Principal Chief Conservator of Forests (HoFF),  
Himachal Pradesh



## Norms (per Ha) for raising 200 tall plants with Wooden Fence Posts (Non-Tribal &amp; Tribal) for the year 2019-20

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				(in Rs)	(N/T) (in Rs.)	(T) (in Rs.)
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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 66.66% increase {Due to increase of wage rates from Rs. 150/- to Rs. 250/- per day} except item nos. 16, 17 & 19				12452.99	15566.24
	<b>G.Total</b>				<b>37966.74</b>	<b>45750.34</b>
				Or say	<b>37900.00</b>	<b>45700.00</b>

- The proposed cost norms would be upper limit. the exp. shall be charged as per actuals, if lower than the norms.
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  - 1st year ₹ 1660/- per Ha.
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 1.6.2019  
 Principal Chief Conservator of Forests (HoFF),  
 Himachal Pradesh