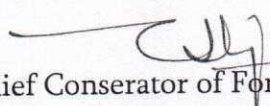


**Abstract of cost norms for raising tall plantation during the year 2018-19**  
 {Wage rate ₹225/- per day for Non-Tribal areas and ₹ 281/- per day for Tribal areas}

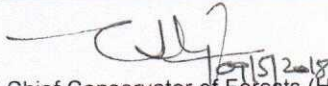
Plantation model	Non-Tribal (₹/ha)	Tribal (₹/ha)
800 Plants/Ha with RCC Fencing	90000	107000
800 Plants/Ha with CC Fencing	85000	102500
800 Plants/Ha with wooden Fencing	73500	90000
700 Plants/Ha with RCC Fencing	83500	97500
700 Plants/Ha with CC Fencing	78500	93000
700 Plants/Ha with wooden Fencing	67000	82000
600 Plants/Ha with RCC Fencing	77000	89500
600 Plants/Ha with CC Fencing	72000	85000
600 Plants/Ha with wooden Fencing	60500	74000
500 Plants/Ha with RCC Fencing	70500	81500
500 Plants/Ha with CC Fencing	65500	76500
500 Plants/Ha with wooden Fencing	54000	66000
400 Plants/Ha with RCC Fencing	64000	73500
400 Plants/Ha with CC Fencing	59000	68500
400 Plants/Ha with wooden Fencing	47500	57500
300 Plants/Ha with RCC Fencing	57500	65500
300 Plants/Ha with CC Fencing	52500	60500
300 Plants/Ha with wooden Fencing	41000	49500
200 Plants/Ha with RCC Fencing	50500	57000
200 Plants/Ha with CC Fencing	46000	52500
200 Plants/Ha with wooden Fencing	34500	41500

  
 Pr. Chief Conserator of Forests (HoFF)  
 Himachal Pradesh

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

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 50% increase {Due to increase of wage rates from Rs. 150/- to Rs. 225/- per day } except item nos. 9, 14, 15 & 17				23187.29	28984.12
	<b>G.Total</b>				<b>90094.27</b>	<b>107484.75</b>
				Or say	<b>90000.00</b>	<b>107000.00</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 ₹ 4820/- per Ha.
  - 2nd year ₹ 2670/- per Ha.
  - 3rd year ₹ 1600/- per Ha.
- Photographs of plantation site before and after planting
- GPS Co-ordinates of plantation area
- The objective is better survival.

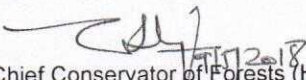
  
 Principal Chief Conservator of Forests (HoFF),  
 Himachal Pradesh

## Annexure-B

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

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 50% increase {Due to increase of wage rates from Rs. 150/- to Rs. 225/- per day } except item nos. 9, 14, 15 & 17				23187.29	28984.12
	<b>G.Total</b>				<b>85344.27</b>	<b>102734.75</b>
				Or say	<b>85000.00</b>	<b>102500.00</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 ₹ 4820/- per Ha.
  - 2nd year ₹ 2670/- per Ha.
  - 3rd year ₹ 1600/- 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)

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	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>				<b>51998.35</b>	<b>62989.85</b>
	Add 50% increase {Due to increase of wage rates from Rs. 150/- to Rs. 225/- per day} except item nos. 16, 17 & 19				21982.98	27478.73
	<b>G.Total</b>				<b>73981.33</b>	<b>90468.58</b>
				Or say	<b>73500.00</b>	<b>90000.00</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 ₹ 4820/- per Ha.
  - 2nd year ₹ 2670/- per Ha.
  - 3rd year ₹ 1600/- per Ha.
- Photographs of plantation site before and after planting
- GPS Co-ordinates of plantation area
- The objective is better survival.

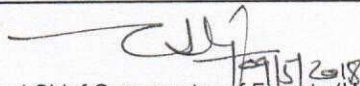
  
 Principal Chief Conservator of Forests (HoFF),  
 Himachal Pradesh

## Annexure-D

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

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 50% increase {Due to increase of wage rates from Rs. 150/- to Rs. 225/- per day } except item nos. 9, 14,15 & 17				21080.24	25850.31
	<b>G.Total</b>				<b>83573.12</b>	<b>97883.32</b>
				Or say	<b>83500.00</b>	<b>97500.00</b>

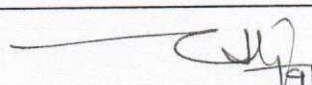
1. The proposed cost norms would be upper limit. the exp. shall be charged as per actuals, if lower than the norms.
2. For water conservation, moisture retention interventions be undertaken.
3. Maintenance will be carried out for 3 years for which the norms are as under:-
  - 1st year ₹ 4390/- per Ha.
  - 2nd year ₹ 2350/- per Ha.
  - 3rd year ₹ 1280/- 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 700 tall plants with CC Fence Posts (Non-Tribal &amp; Tribal)

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 50% increase {Due to increase of wage rates from Rs. 150/- to Rs. 225/- per day } except item nos. 9, 14,15 & 17				21080.24	25850.31
	<b>G.Total</b>				<b>78823.12</b>	<b>93133.32</b>
				Or say	<b>78500.00</b>	<b>93000.00</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 ₹ 4390/- per Ha.
  - 2nd year ₹ 2350/- per Ha.
  - 3rd year ₹ 1280/- per Ha.
- Photographs of plantation site before and after planting
- GPS Co-ordinates of plantation area
- The objective is better survival.

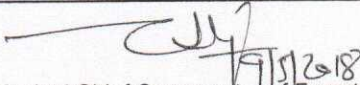
  
 Principal Chief Conservator of Forests (HoFF),  
 Himachal Pradesh

## Annexure-F

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

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 50% increase {Due to increase of wage rates from Rs. 150/- to Rs. 225/- per day} except item nos. 16, 17 & 19				19875.93	24844.92
	<b>G.Total</b>				<b>67460.18</b>	<b>82367.15</b>
				Or say	<b>67000.00</b>	<b>82000.00</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 ₹ 4390/- per Ha.
  - 2nd year ₹ 2350/- per Ha.
  - 3rd year ₹ 1280/- 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 600 tall plants with RCC Fence Posts (Non-Tribal &amp; Tribal)

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 50% increase {Due to increase of wage rates from Rs. 150/- to Rs. 225/- per day } except item nos. 9, 14, 15 & 17				18973.19	23216.49
	<b>G.Total</b>				<b>77051.97</b>	<b>89781.87</b>
				Or say	<b>77000.00</b>	<b>89500.00</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 ₹ 3850/- per Ha.
  - 2nd year ₹ 2140/- per Ha.
  - 3rd year ₹ 1070/- per Ha.
- Photographs of plantation site before and after planting
- GPS Co-ordinates of plantation area
- The objective is better survival.

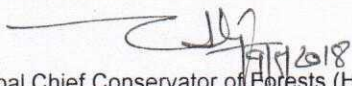
  
 Principal Chief Conservator of Forests (HoFF),  
 Himachal Pradesh



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

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 50% increase {Due to increase of wage rates from Rs. 150/- to Rs. 225/- per day } except item nos. 9, 14,15 & 17				18973.19	23216.49
	<b>G.Total</b>				<b>72301.97</b>	<b>85031.87</b>
				Or say	<b>72000.00</b>	<b>85000.00</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 ₹ 3850/- per Ha.
  - 2nd year ₹ 2140/- per Ha.
  - 3rd year ₹ 1070/- per Ha.
4. Photographs of plantation site before and after planting
5. GPS Co-ordinates of plantation area
6. The objective is better survival.

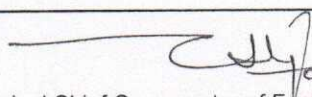
  
 Principal Chief Conservator of Forests (HoFF),  
 Himachal Pradesh

## Annexure-I

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

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 50% increase {Due to increase of wage rates from Rs. 150/- to Rs. 225/- per day} except item nos. 16, 17 & 19				17768.88	22211.10
	<b>G.Total</b>				<b>60939.03</b>	<b>74265.70</b>
				Or say	<b>60500.00</b>	<b>74000.00</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 ₹ 3850/- per Ha.
  - 2nd year ₹ 2140/- per Ha.
  - 3rd year ₹ 1070/- 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 RCC Fence Posts (Non-Tribal &amp; Tribal)

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 50% increase {Due to increase of wage rates from Rs. 150/- to Rs. 225/- per day } except item nos. 9, 14, 15 & 17				16866.14	20582.68
	<b>G.Total</b>				<b>70530.82</b>	<b>81680.44</b>
				Or say	<b>70500.00</b>	<b>81500.00</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 ₹ 3310/- per Ha.
  - 2nd year ₹ 1820/- per Ha.
  - 3rd year ₹ 850/- 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-K

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


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 50% increase {Due to increase of wage rates from Rs. 150/- to Rs. 225/- per day } except item nos. 9, 14,15 & 17				16866.14	20582.68
	<b>G.Total</b>				<b>65780.82</b>	<b>76930.44</b>
				Or say	<b>65500.00</b>	<b>76500.00</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 ₹ 3310/- per Ha.
  - 2nd year ₹ 1820/- per Ha.
  - 3rd year ₹ 850/- 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-L						
Norms (per Ha) for raising 500 tall plants with Wooden Fence Posts (Non-Tribal & Tribal)						
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 50% increase {Due to increase of wage rates from Rs. 150/- to Rs. 225/- per day} except item nos. 16, 17 & 19				15661.83	19577.29
	<b>G.Total</b>				<b>54417.88</b>	<b>66164.27</b>
				Or say	<b>54000.00</b>	<b>66000.00</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 ₹ 3310/- per Ha.  
2nd year ₹ 1820/- per Ha.  
3rd year ₹ 850/- per Ha.  
4. Photographs of plantation site before and after planting  
5. GPS Co-ordinates of plantation area  
6. The objective is better survival.

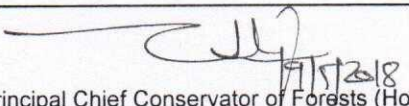
  
Principal Chief Conservator of Forests (HoFF),  
Himachal Pradesh

## Annexure-M

## Norms (per Ha) for raising 400 tall plants with RCC Fence Posts (Non-Tribal &amp; Tribal)

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 50% increase {Due to increase of wage rates from Rs. 150/- to Rs. 225/- per day } except item nos. 9, 14,15 & 17				14759.09	17948.87
	<b>G.Total</b>				<b>64009.67</b>	<b>73579.00</b>
				Or say	<b>64000.00</b>	<b>73500.00</b>

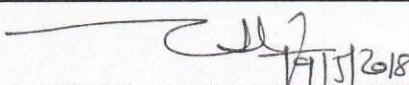
- The proposed cost norms would be upper limit. the exp. shall be charged as per actuals, if lower than the norms.
- For water conservation, moisture retention interventions be undertaken.
- Maintenance will be carried out for 3 years for which the norms are as under:-
  - 1st year ₹ 2670/- per Ha.
  - 2nd year ₹ 1500/- per Ha.
  - 3rd year ₹ 640/- 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)

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 50% increase {Due to increase of wage rates from Rs. 150/- to Rs. 225/- per day } except item nos. 9, 14, 15 & 17				14759.09	17948.87
	<b>G.Total</b>				<b>59259.67</b>	<b>68829.00</b>
				Or say	<b>59000.00</b>	<b>68500.00</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 ₹ 2670/- per Ha.
  - 2nd year ₹ 1500/- per Ha.
  - 3rd year ₹ 640/- 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-O

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

S. No.	Description of work	Quantity	Unit	Amount (basic wage rate applied ₹150/- per day)		
				Rate (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 50% increase {Due to increase of wage rates from Rs. 150/- to Rs. 225/- per day} except item nos. 16, 17 & 19				13554.78	16943.48
	<b>G.Total</b>				<b>47718.33</b>	<b>57884.43</b>
				Or say	<b>47500.00</b>	<b>57500.00</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 ₹ 2670/- per Ha.
  - 2nd year ₹ 1500/- per Ha.
  - 3rd year ₹ 640/- per Ha.
- Photographs of plantation site before and after planting
- GPS Co-ordinates of plantation area
- The objective is better survival.

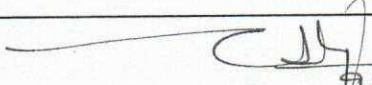
  
 Principal Chief Conservator of Forests (HoFF),  
 Himachal Pradesh



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

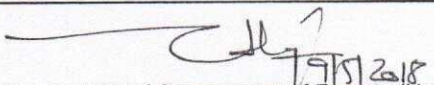
S. No.	Description of work	Quantity	Unit	Rate	Amount (basic wage rate applied ₹150/- per day)	
				(in Rs)	(N/T) (in Rs.)	(T) (in Rs.)
1	Survey and demarcation of plantation area	1	Ha	101.00	101.00	126.25
2	Bush cutting in strips	1	Ha	1192.80	1192.80	1491.00
3	Collection of debris and burning	1	Ha	681.80	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 50% increase {Due to increase of wage rates from Rs. 150/- to Rs. 225/- per day } except item nos. 9, 14,15 & 17				12652.04	15315.06
	<b>G.Total</b>				<b>57488.52</b>	<b>65477.57</b>
				Or say	<b>57500.00</b>	<b>65500.00</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 ₹ 2140/- per Ha.
  - 2nd year ₹ 1280/- per Ha.
  - 3rd year ₹ 530/- 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-Q						
Norms (per Ha) for raising 300 tall plants with CC Fence Posts (Non-Tribal & Tribal)						
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 50% increase {Due to increase of wage rates from Rs. 150/- to Rs. 225/- per day } except item nos. 9, 14, 15 & 17				12652.04	15315.06
	<b>G.Total</b>				<b>52738.52</b>	<b>60727.57</b>
				Or say	<b>52500.00</b>	<b>60500.00</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 ₹ 2140/- per Ha.  
2nd year ₹ 1280/- per Ha.  
3rd year ₹ 530/- 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)

S. No.	Description of work	Quantity	Unit	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 50% increase {Due to increase of wage rates from Rs. 150/- to Rs. 225/- per day} except item nos. 16, 17 & 19				11447.73	14309.67
	<b>G.Total</b>				<b>41375.58</b>	<b>49961.40</b>
				Or say	<b>41000.00</b>	<b>49500.00</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 ₹ 2140/- per Ha.
  - 2nd year ₹ 1280/- per Ha.
  - 3rd year ₹ 530/- 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

## Annexure-S

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

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 50% increase {Due to increase of wage rates from Rs. 150/- to Rs. 225/- per day } except item nos. 9, 14, 15 & 17				10544.99	12681.24
	<b>G.Total</b>				<b>50967.37</b>	<b>57376.12</b>
				Or say	<b>50500.00</b>	<b>57000.00</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 ₹ 1500/- per Ha.
  - 2nd year ₹ 960/- per Ha.
  - 3rd year ₹ 420/- per Ha.
4. Photographs of plantation site before and after planting
5. GPS Co-ordinates of plantation area
6. The objective is better survival.

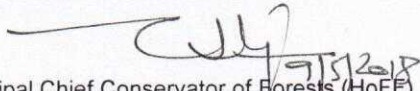
  
 Principal Chief Conservator of Forests (HoFF),  
 Himachal Pradesh

## Annexure-T

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

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 50% increase {Due to increase of wage rates from Rs. 150/- to Rs. 225/- per day } except item nos. 9, 14, 15 & 17				10544.99	12681.24
	<b>G.Total</b>				<b>46217.37</b>	<b>52626.12</b>
				Or say	<b>46000.00</b>	<b>52500.00</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 ₹ 1500/- per Ha.
  - 2nd year ₹ 960/- per Ha.
  - 3rd year ₹ 420/- 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

## Annexure-U

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

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 50% increase {Due to increase of wage rates from Rs. 150/- to Rs. 225/- per day} except item nos. 16, 17 & 19				9340.68	11675.85
	<b>G.Total</b>				<b>34854.43</b>	<b>41859.95</b>
				Or say	<b>34500.00</b>	<b>41500.00</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 ₹ 1500/- per Ha.
  - 2nd year ₹ 960/- per Ha.
  - 3rd year ₹ 420/- 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