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

Dated

Shimla, the E7 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 12th May, 2017 for implementation in the field.

- Now, daily wage rates have been revised by the Govt. 2. 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 enclosed herewith for taking further necessary action.
- The guiding principles laid down by the Govt. while 3. approving the cost norms for raising tall plantation vide letter quoted above shall remain inforce and should be followed in letter and spirit.
- 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.
- The Plantation norms indicate the upper limits. The 5. 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

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	

Pr. Chief Conserator of Forests (HoFF)

Himachal Ptradesh

N	orms (per Ha) for raising 800 tall plants with	RCC Fence	Posts	(Non-Tribal &	Tribal) for the year	Annexure-
S. No.		Quantity			Amount (basic wage rate applied ₹150/- per day)	
	Maria Laking Can Castin			(in Rs)	(N/T) (in Rs.)	(T) (in Rs.)
1	Survey and demarcation of plantation area	1	На	101.00	101.00	126.25
2	Bush cutting in strips	1	На	1192.80	1192.80	1491.00
3	Collection of debris and burning	1	На	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
3	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
	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
4	Cost of barbed wire	0.084	MT	65100	5468.40	5468.40
5	Cost of U-staple	0.001	MT	64000	64.00	64.00
6	Mulching of plants	800	No.	84.80%	678.40	848.00
7	Irrigation as per need/photography etc.		L/s	01.0070	2500.00	2500.00
	Total				66906.98	78500.63
,	Add 66.66% increase {Due to increase of wage rates from Rs. 150/- to Rs. 250/- per day except item nos. 9, 14,15 & 17				30913.30	38641.62
	G.Total				97820.28	117142.25
				Or say	97800.00	117000.00

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.

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.

8 1.6.2019 Principal Chief Conservator of Forests (HoFF),

Himachal Pradesh

S. No.	orms (per Ha) for raising 800 tall plants with 0	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	На	101.00	101.00	126.25
2	Bush cutting in strips	1	На	1192.80	1192.80	1491.00
W.	Collection of debris and burning	1	На	681.80	681.80	852.25
3	Preparation of inspection path 60 cm wide	250	m	11.00	2750.00	3437.50
4	Digging of pits 60cmx60cmx60cm	800	No.	1745%	13960.00	17450.00
5	Filling of pits 60cmx60cmx60cm	800	No.	254%	2032.00	2540.00
6 . 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-	585	Rmt	4.80	2808.00	3510.00
13	staple in four strands 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
11	Total				62156.98	73750.63
	Add 66.66% increase {Due to increase of wage rates from Rs. 150/- to Rs. 250/- per day } except item nos. 9, 14,15 & 17	f			30913.30	38641.62
	G.Total				93070.28	112392.2
	G.Total		+	Or say	93000.00	112000.0

- 1. 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.

 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

	NO	rms (per Ha) for raising 800 tall plants with	Wooden	For	nan Dan			Annexure
S	No.	rms (per Ha) for raising 800 tall plants with Description of work	rioddell	rei	ice Pos	ts(Non-Tribal	& Tribal) for the	year 2019-20
		Manager Comments	Quan	tity	Unit	Rate	Amount (bas applied ₹150	ic wage rate
1		Survey and demarcation of plantation area				(in Rs)	(N/T) (in Rs.)	(T) (in Rs.
2		Bush cutting in strips	1		На	101.00	101.00	
3		Collection of debris and burning	1		На	1192.80	1192.80	126.
4		Preparation of inspection with as	1		На	681.80	681.80	1491.
5		Preparation of inspection path 60 cm wide Digging of pits 60cmx60cmx60cm	250		m	11.00	2750.00	852
6		Filling of pits 60cmx60cmx60cm	800		No.	1745%	13960.00	3437.
7		Carriage of plants in the	800		No.	254%	2032.00	17450.0
	1	Carriage of plants in polythene bags from nursery to work site O/D 1 km (level)	m 800		No.	1476%	11808.00	2540.0
3	1	Planting of tall plants i/c ramming	1	- 1			11000.00	14760.0
)	1	Cutting & proporation of	800	1	Vo.	654.30%	5234.40	
	1	Cutting & preparation of wooden fence pos .80m and 8 to 10 cm dia i/c debarking and	st 50	I	Vo.	1295.00%		6543.0
		doterming trie top 15 cm in conical above	d			00.0070	647.50	809.3
0	C	arriage of wooden Fence post	50	1.			Mark Emp	
1	C	harring & coal tarring of the ands of the	30	I	Vo.	681.80%	340.90	426.1.
	4	5 cm bottom and 15 cm conical tip	50	N	0.	279.50%	139.75	
2	D	igging of holes 20-30 cm dia & 45 cm deep	50	_			100.70	174.69
3	Fi	xing of wooden posts i/c strutting	50	N	0.	906.80%	453.40	566.75
	St	retching and 5	50	N	0.	716.00%	358.00	
	sta	retching and fixing of barbed wire with U- aple in four strands	585	R	mt	4.80		447.50
							2808.00	3510.00
	Co	erlacing of thorny bushes with barbed wire st of barbed wire	195	Rn	nt.	4.00	780.00	077
		st of U-staple	0.084	M	T	65100.00	5468.40	975.00
-			0.001	M.	T	64000.00		5468.40
		Iching of plants	800	No.		84.80%	64.00	64.00
_	mile	gation as per need/photography etc.		L/s	_	04.0076	678.40	848.00
		Total			-		2500.00	2500.00
	Add	66.66% increase {Due to increase of					51998.35	62989.85
	1	except item nos. 16, 17 & 19	diam'			ord many rates	29307.70	36634.64
		G.Total		-			I make make he a	
			shall be		Ors		81306.05 81300.00	99624.49

1. 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.
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

Annexure-D

S. No	Description of work	Quantity	Unit	Rate	Amount (basic applied ₹150/	
				(in Rs)	(N/T) (in Rs.)	(T) (in Rs.)
1	Survey and demarcation of plantation area	1	На	101.00	101.00	126.25
2	Bush cutting in strips	1	На	1192.80	1192.80	1491.00
3	Collection of debris and burning	1	На	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
3	Interlacing of thorny bushes with barbed wire	195	Rmt.	4.00	780.00	975.00
4	Cost of barbed wire	0.084	MT	65100	5468.40	5468.40
5	Cost of U-staple	0.001	MT.	64000	64.00	64.00
6	Mulching of plants	700	No.	84.80%	593.60	742.00
7	Irrigation as per need/photography etc.		L/s		2300.00	2300.00
	Total				62492.88	72033.01
	Add 66.66% increase {Due to increase of wage rates from Rs. 150/- to Rs. 250/- per day } except item nos. 9, 14,15 & 17			200	28104.18	34463.63
	G.Total		M. S. W. C.		90597.06	106496.64
				Or say	90500.00	106400.00

- 1. The proposed cost norms would be upper limit. the exp. shall be charged as per actuals, if lower than the norms.
- 2. For water conservation, moisture retention interventions be undertaken.
- 3. Maintenance will be carried out for 3 years for which the norms are as under:-

1st year ₹ 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.

81.6.2019

-	Norms (per Ha) for raising 700 tall plants with	CC Fence	Poete	(Non-Tribal & '	Tribal) for the year	Annexure-E
S. No.		Quantity	Unit	and the second second second	Amount (basic	wage rate
				(in Rs)	(N/T) (in Rs.)	(T) (in Rs.)
1	Survey and demarcation of plantation area	1	На	101.00	101.00	126.25
2	Bush cutting in strips	1	На	1192.80	1192.80	1491.00
3	Collection of debris and burning	1	На	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
В	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
5	Cost of U-staple	0.001	MT	64000	64.00	64.00
6	Mulching of plants	700	No.	84.80%	593.60	742.00
7	Irrigation as per need/photography etc.		L/s	30 30 5	2300.00	2300.00
	Total				57742.88	67283.01
	Add 66.66% increase {Due to increase of wage rates from Rs. 150/- to Rs. 250/- per day } except item nos. 9, 14,15 & 17		-20		28104.18	34463.63
	G.Total				85847.06	101746.64
	Real description (April 1997)			Or say	85800.00	101700.00

The proposed cost norms would be upper limit. the exp. shall be charged as per actuals, if lower than the norms.

The proposed cost norms would be upper limit, the exp. shall be charged as per
 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

- 5. GPS Co-ordinates of plantation area

6. The objective is better survival.

8 1.6,2019

Annexure-F

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

S. No.	Description of work	Quantity	Unit	Rate	Amount (basic applied ₹150/	
		-		(in Rs)	(N/T) (in Rs.)	(T) (in Rs.)
1	Survey and demarcation of plantation area	1	На	101.00	101.00	126.25
2	Bush cutting in strips	1	На	1192.80	1192.80	1491.00
3	Collection of debris and burning	1	На	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.		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
	Total				47584.25	57522.23
	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
	G.Total				74082.83	90645.47
	*			Or say	74000.00	90500.00

- 1. The proposed cost norms would be upper limit. the exp. shall be charged as per actuals, if lower than the norms.
- 2. For water conservation, moisture retention interventions be undertaken.
- 3. Maintenance will be carried out for 3 years for which the norms are as under:-

1st year ₹ 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.

81.6.2019

N	orms (per Ha) for raising 600 tall plants wi	th RCC For	P			Annexur
S. No.	orms (per Ha) for raising 600 tall plants wi	Troc ren	ce Pos	ts (Non-Tribal 8	Tribal) for the ye	ear 2019-20
	The state of the s	Quantit	y Un	it Rate	Amount (basi applied ₹150	c wage rate
1	Survey and demarcation of plantation area			(in Rs)	(N/T) (in Rs.)	(T) (in Rs.
2	Bush cutting in strips	1	Ha	101.00	101.00	
3	Collection of debris and burning	1	На	1192.80	1192.80	126.
	Preparation of inspection path 60 cm wide	1	На	681.80	681.80	1491.
	Digging of pits 60cmx60cmx60cm	250	m	11.00	2750.00	852.
	Filling of pits 60cmx60cmx60cm	600	No.	1745%	10470.00	3437.
	Carriage of plants in a but	600	No.	254%	1524.00	13087.
- 1	Carriage of plants in polythene bags from nursery to work site O/D 1 km (level)	m 600	No.	1476%		1905.0
I	Planting of tall plants i/c ramming	-			8856.00	11070.0
(Cost of RCC fence posts	600	No.	654.30%	3925.80	4907.2
	Carriage of RCC Fence post	50	No.	250	12500.00	12500.0
F	ixing of RCC posts i/c strutting	50	No.	L/S	4000.00	4000.0
S	tretching and fixing of barbod wine it	50	No.	696.35%	348.18	
		585	Rmt	4.80	2808.00	435.23 3510.00
In	terlacing of thorny bushes with barbed wire	195	David			3510.00
C	ost of barbed wire	0.084	Rmt.	4.00	780.00	975.00
C	ost of U-staple		MT	65100	5468.40	5468.40
M	ulching of plants		MT	64000	64.00	64.00
Irri	gation as per need/photography etc.	Section 1	Vo.	84.80%	508.80	636.00
	Total		./s	May May 1	2100.00	2100.00
Ad	d 66.66% increase (Due to increase of				58078.78	66565.38
200	ge rates from Rs. 150/- to Rs. 250/- per day copt item nos. 9, 14,15 & 17				25295.06	30952.22
	G.Total					2022
					83373.84	97517.60
e propo	osed cost norms would be upper limit, the exp		C	Dr say	83300.00	95500.00

1. The proposed cost norms would be upper limit. the exp. shall be charged as per actuals, if lower than the norms. 2. For water conservation, moisture retention interventions be undertaken.

3. Maintenance will be carried out for 3 years for which the norms are as under:-1st year ₹ 4270/- per Ha.

2nd year ₹ 2370/- per Ha.

3rd year ₹ 1180/- per Ha.

4. Photographs of plantation site before and after planting
5. GPS Co-ordinates of plantation area

6. The objective is better survival.

Annexure-H

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	На	101.00	101.00	126.25
2	Bush cutting in strips	1	На	1192.80	1192.80	1491.00
3	Collection of debris and burning	1	На	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
3	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
2	Stretching and fixing of barbed wire with U- staple in four strands	585	Rmt	4.80	2808.00	3510.00
3	Interlacing of thorny bushes with barbed wire	195	Rmt.	4.00	780.00	975.00
4	Cost of barbed wire	0.084	MT	65100	5468.40	5468.40
5	Cost of U-staple	0.001	MT	64000	64.00	64.00
6 1	Mulching of plants	600	No.	84.80%	508.80	636.00
7 1	rrigation as per need/photography etc.		L/s	04.0070	2100.00	2100.00
	Total				53328.78	
V	Add 66.66% increase {Due to increase of vage rates from Rs. 150/- to Rs. 250/- per day except item nos. 9, 14,15 & 17			110	25295.06	61815.38 30952.22
	G.Total				78623.84	92767.60
				Or say	78600.00	92700.00

- 1. The proposed cost norms would be upper limit. the exp. shall be charged as per actuals, if lower than the norms.
- 2. For water conservation, moisture retention interventions be undertaken.
- 3. Maintenance will be carried out for 3 years for which the norms are as under:-

- 1st year ₹ 4270/- per Ha.
 2nd year ₹ 2370/- per Ha.
 3rd year ₹ 1180/- per Ha.
 4. Photographs of plantation site before and after planting
- 5. GPS Co-ordinates of plantation area
- 6. The objective is better survival.

8.6.2019

Annexure-I 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) (N/T) (in Rs.) (T) (in Rs.) (in Rs) 101.00 101.00 126.25 Survey and demarcation of plantation area На Bush cutting in strips 1 На 1192.80 1192.80 1491.00 Collection of debris and burning На 681.80 681.80 852.25 3 Preparation of inspection path 60 cm wide 250 m 11.00 2750.00 3437.50 4 5 Digging of pits 60cmx60cmx60cm 600 No. 1745% 10470.00 13087.50 Filling of pits 60cmx60cmx60cm 1524.00 1905.00 6 600 No. 254% 11070.00 Carriage of plants in polythene bags from 600 No. 1476% 8856.00 nursery to work site O/D 1 km (level) Planting of tall plants i/c ramming 600 No. 654.30% 3925.80 4907.25 Cutting & preparation of wooden fence post 50 1295.00% 647.50 809.38 No. 9 1.80m and 8 to 10 cm dia i/c debarking and fastening the top 15 cm in conical shape. Carriage of wooden Fence post 50 No 681.80% 340.90 426.13 10 279.50% 139.75 174.69 Charring & coal tarring of the ends of the posts 50 No. 11 45 cm bottom and 15 cm conical tip 566.75 12 Digging of holes 20-30 cm dia & 45 cm deep 50 No. 906.80% 453.40 447.50 716.00% 358.00 13 Fixing of wooden posts i/c strutting 50 No. 3510.00 Stretching and fixing of barbed wire with U-585 Rmt 4.80 2808.00 14 staple in four strands 780.00 975.00 Interlacing of thorny bushes with barbed wire 195 Rmt. 4.00 15 5468.40 Cost of barbed wire 0.084 MT 65100 5468.40 16 64.00 0.001 MT 64000 64.00 17 Cost of U-staple 84.80% 508.80 636.00 600 No 18 Mulching of plants 2100.00 L/s 2100.00 19 Irrigation as per need/photography etc. 43170.15 52054.60 Total 29611.84 23689.46 Add 66.66% increase {Due to increase of wage rates from Rs. 150/- to Rs. 250/- per day) except item nos. 16, 17 & 19 81666.44 66859.61 G.Total 81600.00 66800.00 Or say

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 ₹ 4270/- per Ha.

2nd year ₹ 2370/- per Ha.

3rd year ₹ 1180/- 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

	Norms (per Ha) for raising 500 tall plants					Annexur
S. No	Norms (per Ha) for raising 500 tall plants wit	h RCC Fend	e Post	ts (Non-Tribal 8	Tribal) for the ye	ar 2019-20
	Description of work	Quantity	/ Uni	it Rate	Amount (basic applied ₹150	wage rate
1	S			(in Rs)	(N/T) (in Rs.)	(T) (in Rs.
	Survey and demarcation of plantation area	1	Ha	101.00	101.00	126
2	Bush cutting in strips	1	На	1192.80	1192.80	1491.
3	Collection of debris and burning	1	На	681.80	681.80	
1	Preparation of inspection path 60 cm wide	250	m	11.00	and the second s	852.
la de	Digging of pits 60cmx60cmx60cm	500	No.	1745%	2750.00	3437.
N.	Filling of pits 60cmx60cmx60cm	500		- A A A A A A A A A A A A A A A A A A A	8725.00	10906.2
	Carriage of plants in polythene bags from		No.	254%	1270.00	1587.5
	fluisery to work site O/D 1 km (level)	n 500	No.	1476%	7380.00	9225.0
	Planting of tall plants i/c ramming	500	No.	654.30%	3271.50	1000.0
	Cost of RCC fence posts	50	No.	250	SASSIEN CONTROL	4089.3
)	Carriage of RCC Fence post	50	No.		12500.00	12500.0
	Fixing of RCC posts i/c strutting	50	\$1555 A	L/S	4000.00	4000.0
	Stretching and fixing of barbed wire with U-		No.	696.35%	348.18	435.2
	staple in four strands	585	Rmt	4.80	2808.00	3510.0
	Interlacing of thorny bushes with barbed wire	195	Rmt.	4.00	780.00	975.00
	Cost of barbed wire	0.084	MT	65100	5468.40	1/2/2/0/07/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/
	Cost of U-staple	0.001	MT	64000	The second second	5468.40
	Mulching of plants		No.		64.00	64.00
I	rrigation as per need/photography etc.			84.80%	424.00	530.00
	Total	-	_/s		1900.00	1900.00
1	Add 66.66% increase {Due to increase of				53664.68	61097.76
IV	vage rates from Rs. 150/- to Rs. 250/- per day except item nos. 9, 14,15 & 17				22485.94	27440.83
	G.Total		tered in the		76150.62	88538.59
			(Or say	76000.00	88500.00

1. 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

5. GPS Co-ordinates of plantation area6. The objective is better survival.

Annexure-K Norms (per Ha) for raising 500 tall plants with CC Fence Posts (Non-Tribal & Tribal) for the year 2019-20 S. No. Description of work Quantity Unit Amount (basic wage rate Rate applied ₹150/- per day) (in Rs) (N/T) (in Rs.) (T) (in Rs.) Survey and demarcation of plantation area На 101.00 101.00 126.25 Bush cutting in strips 1 Ha 1192.80 1192.80 1491.00 3 Collection of debris and burning 681.80 На 681.80 852.25 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 Carriage of plants in polythene bags from 500 No. 1476% 7380.00 9225.00 nursery to work site O/D 1 km (level) 8 Planting of tall plants i/c ramming 500 No. 654.30% 3271.50 4089.38 9 Cost of CC fence posts 50 No. 7750.00 155 7750.00 Carriage of CC Fence post 10 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-585 Rmt 4.80 2808.00 3510.00 staple in four strands

1. The proposed cost norms would be upper limit. the exp. shall be charged as per actuals, if lower than the norms.

195

0.084

0.001

500

Rmt.

MT

MT

No.

L/s

4.00

65100

64000

84.80%

Or say

780 00

5468.40

64.00

424.00

1900.00

48914.68

22485.94

71400.62

71400.00

975.00

5468.40

64.00

530.00

1900.00

56347.76

27440.83

83788.59

83700.00

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.

Cost of barbed wire

Cost of U-staple

Mulching of plants

2nd year ₹ 2020/- per Ha.

3rd year ₹ 940/- per Ha.

4. Photographs of plantation site before and after planting

Interlacing of thorny bushes with barbed wire

Irrigation as per need/photography etc.

} except item nos. 9, 14,15 & 17

Total

Add 66.66% increase {Due to increase of

wage rates from Rs. 150/- to Rs. 250/- per day

G.Total

5. GPS Co-ordinates of plantation area

6. The objective is better survival.

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Principal Chief Conservator of Forests (HoFF),

Himachal Pradesh

No	rms (per Ha) for raising 500 tall plants with	- 10/				Annexure
S. No	rms (per Ha) for raising 500 tall plants with	n Wooden F	ence Pos	ts (Non-Tribal	& Tribal) for the	year 2019-20
	Description of work	Quant	ity Unit	Rate	Amount (basic wage r applied ₹150/- per da	
1	Suprovend			(in Rs)	(N/T) (in Rs.)	(T) (in Rs.
2	Survey and demarcation of plantation area	1	На	101.00	101.00	THE STATE OF THE S
-	Bush cutting in strips	1	На	1192.80		126.
3	Collection of debris and burning	1	Ha		1192.80	1491.
	Preparation of inspection path 60 cm wide	250		681.80	681.80	852.
	Digging of pits 60cmx60cmx60cm		m	11.00	2750.00	3437.
	Filling of pits 60cmx60cmx60cm	500	No.	1745%	8725.00	10906.2
_		500	No.	254%	1270.00	1587.5
	Carriage of plants in polythene bags fronursery to work site O/D 1 km (level)	om 500	No.	1476%	7380.00	9225.0
	Planting of tall plants i/c ramming	500	No.	654.30%	3271.50	1000.0
- 1	Cutting & preparation of wooden fence po 1.80m and 8 to 10 cm dia i/c debarking ar fastening the top 15 cm in conical shape.	st 50	No.	1295.00%	647.50	4089.3 809.3
	Carriage of wooden Fence post	50	No.			
	Charring & coal tarring of the ends of the post		No.	681.80%	340.90	426.13
	to cit bottom and 15 cm conical tin	s 50	No.	279.50%	139.75	174.69
	Digging of holes 20-30 cm dia & 45 cm deep	50	No.	906.80%		
F	ixing of wooden posts i/c strutting	50	No.	The season of th	453.40	566.75
S	tretching and fixing of barbed wire with U	505		716.00%	358.00	447.50
	taple in four strands	- 585	Rmt	4.80	2808.00	3510.00
	terlacing of thorny bushes with barbed wire	195	Rmt.	4.00	780.00	075.00
	ost of barbed wire	0.084	MT	65100	The state of the s	975.00
	ost of U-staple	0.001	MT	64000	5468.40	5468.40
IM	ulching of plants	500	No.	84.80%	64.00	64.00
lirr	igation as per need/photography etc.		L/s	0 1.00 76	424.00 1900.00	530.00
100	Total		Towns of		38756.05	1900.00
Wa	dd 66.66% increase {Due to increase of age rates from Rs. 150/- to Rs. 250/- per y} except item nos. 16, 17 & 19				20880.35	46586.98 26100.44
	G.Total					
			San Day of the co	say	59636.40	72687.42

1. The proposed cost norms would be upper limit. the exp. shall be charged as per actuals, if lower than the norms. 72600.00 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.

1.6.2019

N	lorms (per Ha) for raising 400 tall plants wit	h DCC Fare	- D			Annexure-
S. No.	Description of work	I RCC Fend	e Post			
	23331plion of Work	Quantity	/ Uni	t Rate	Amount (basic applied ₹150	wage rate
1	Summer L.			(in Rs)	(N/T) (in Rs.)	(T) (in Rs.)
	Survey and demarcation of plantation area	1	На	101.00	101.00	126.2
2	Bush cutting in strips	1	На	1192.80	1192.80	1,600,100,000
3	Collection of debris and burning	1	На	1144		1491.00
4	Preparation of inspection path 60 cm wide	250	100000	681.80	681.80	852.25
5	Digging of pits 60cmx60cmx60cm		m	11.00	2750.00	3437.50
3		400	No.	1745%	6980.00	8725.00
-	Filling of pits 60cmx60cmx60cm	400	No.	254%	1016.00	1270.00
	Carriage of plants in polythene bags from nursery to work site O/D 1 km (level)	n 400	No.	1476%	5904.00	7380.00
	Planting of tall plants i/c ramming	400	No.	654.30%	0047.00	
	Cost of RCC fence posts	50	No.	250	2617.20	3271.50
0	Carriage of RCC Fence post	50	No.		12500.00	12500.00
1	Fixing of RCC posts i/c strutting	50	No.	L/S	4000.00	4000.00
2	Stretching and fixing of barbed wire with U- staple in four strands	585	Rmt	696.35% 4.80	348.18 2808.00	435.23 3510.00
3 1	nterlacing of thorny bushes with barbed wire	195				
	Cost of barbed wire	10.0000	Rmt.	4.00	780.00	975.00
	Cost of U-staple		MT	65100	5468.40	5468.40
	Mulching of plants		MT	64000	64.00	64.00
	rigation as per need/photography etc.		No.	84.80%	339.20	424.00
	Total	-	L/s		1700.00	1700.00
A	dd 66.66% increase {Due to increase of				49250.58	55630.13
W	age rates from Rs. 150/- to Rs. 250/- per day except item nos. 9, 14,15 & 17				19676.82	23929.43
	G.Total				68927.40	79559.56
	Maria de la companione			Or say	68900.00	79500.00

1. The proposed cost norms would be upper limit. the exp. shall be charged as per actuals, if lower than the norms. 2. For water conservation, moisture retention interventions be undertaken.

3. Maintenance will be carried out for 3 years for which the norms are as under:-1st year ₹ 2960/- per Ha. 2nd year ₹ 1660/- per Ha. 3rd year ₹ 710/- per Ha.

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

1	lorms (per Ha) for raising 400 tall plants with	CC Fence	Posts	(Non-Tribal &	Tribal) for the yea	Annexure-I r 2019-20	
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	На	101.00	101.00	126.25	
2	Bush cutting in strips	1	На	1192.80	1192.80	1491.00	
3	Collection of debris and burning	1	На	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	
7	Irrigation as per need/photography etc.		L/s		1700.00	1700.00	
	Total				44500.58	50880.13	
1	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	14			19676.82	23929.43	
	G.Total				64177.40	74809.56	
				Or say	64100.00	74800.00	

1. The proposed cost norms would be upper limit. the exp. shall be charged as per actuals, if lower than the norms.
2. For water conservation, moisture retention interventions be undertaken.
3. Maintenance will be carried out for 3 years for which the norms are as under:-

- 1st year ₹ 2960/- per Ha.
 2nd year ₹ 7660/- 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.

81.6.2019

Annexure-O

S. No.	Description of work	Quantity	Unit		& Tribal) for the year 2019-20 Amount (basic wage rate applied ₹150/- per day)		
1	Survey and demonstrate for the			(in Rs)	(N/T) (in Rs.)	(T) (in Rs.)	
2	Survey and demarcation of plantation area Bush cutting in strips	1	На	101.00	101.00	126.25	
3		1	На	1192.80	1192.80	1491.00	
	Collection of debris and burning	1	На	681.80	681.80	852.25	
	Preparation of inspection path 60 cm wide	250	m	11.00	2750.00	3437.50	
Same of the last	Digging of pits 60cmx60cmx60cm	400	No.	1745%	6980.00	8725.00	
	Filling of pits 60cmx60cmx60cm	400	No.	254%	1016.00	1270.00	
	Carriage of plants in polythene bags from nursery to work site O/D 1 km (level)	400	No.	1476%	5904.00	7380.00	
	Planting of tall plants i/c ramming	400	No.	654.30%	2617.20	2074.72	
	Cutting & preparation of wooden fence posi 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	3271.50 809.38	
0	Carriage of wooden Fence post	50	No.	681.80%	340.90	426.13	
1 (Charring & coal tarring of the ends of the posts 15 cm bottom and 15 cm conical tip	50	No.	279.50%	139.75	174.69	
	Digging of holes 20-30 cm dia & 45 cm deep	50	No.	906.80%	453.40	566.75	
	ixing of wooden posts i/c strutting	50	No.	716.00%	358.00	447.50	
s s	tretching and fixing of barbed wire with U- taple in four strands	585	Rmt	4.80	2808.00	3510.00	
	terlacing of thorny bushes with barbed wire	195	Rmt.	4.00	780.00	975.00	
	ost of barbed wire	0.084	MT	63000.00	5292.00		
C	ost of U-staple		MT	62000.00		5292.00	
M	vietie - Color		No.		62.00	62.00	
Irr	igation as per need/photography etc.		/s	84.80%	339.20	424.00	
	Total		1/5	1	1700.00	1700.00	
Ac	dd 66.66% increase {Due to increase of				34163.55	40940.95	
Wa	age rates from Rs. 150/- to Rs. 250/- per y) except item nos. 16, 17 & 19			In solution	18071.23	22589.04	
	G.Total				52234.78	63529.99	
he pror			0	Or say	52200.00	63500.00	

^{1.} The proposed cost norms would be upper limit. the exp. shall be charged as per actuals, if lower than the norms. 2. For water conservation, moisture retention interventions be undertaken.

3. Maintenance will be carried out for 3 years for which the norms are as under:-

1st year ₹ 2960/- per Ha.

2nd year ₹ 1660/- per Ha.

3rd year ₹ 710/- per Ha.

- 5. GPS Co-ordinates of plantation area
- 6. The objective is better survival.

\$ 1.6.2019

^{4.} Photographs of plantation site before and after planting

١	lorms (per Ha) for raising 300 tall plants with	RCC Fence	e Posts	s (Non-Tribal &	Tribal) for the ve	Annexure-F	
S. No		Quantity			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	На	101.00	101.00	126.25	
2	Bush cutting in strips	1	На	1192.80	1192.80	1491.00	
3	Collection of debris and burning	1	На	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	
3	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	
3	Interlacing of thorny bushes with barbed wire	195	Rmt.	4.00	780.00	975.00	
4	Cost of barbed wire	0.084	MT	65100	5468.40	5468.40	
5	Cost of U-staple	0.001	MT	64000	64.00	64.00	
6	Mulching of plants	300	No.	84.80%	254.40	318.00	
7	Irrigation as per need/photography etc.		L/s		1500.00	1500.00	
	Total				44836.48	50162.51	
	Add 66.66% increase {Due to increase of wage rates from Rs. 150/- to Rs. 250/- per day } except item nos. 9, 14,15 & 17				16867.70	20418.03	
	G.Total				61704.18	70580.54	
				Or say	61700.00	70500.00	

1. 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.

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.

- Photographs of plantation site before and after planting
 GPS Co-ordinates of plantation area

6. The objective is better survival.

	Norms (per Ha) for raising 300 tall plants with	- 00 F				Annexure-G
S. No	Norms (per Ha) for raising 300 tall plants wit			(Non-Tribal &	Tribal) for the yea	ır 2019-20
	Description of work	Quantity	Unit		Amount	Amount
				(in Rs)	(N/T) (in Rs.)	(T) (in Rs.)
1	Survey and demarcation of plantation area	1	На	101.00	101.00	126.25
2	Bush cutting in strips	1	На	1192.80	1192.80	1491.00
3	Collection of debris and burning	1	На	681.80	681.80	852.25
4	Preparation of inspection path 60 cm wide	250	m	11.00	2750.00	
5	Digging of pits 60cmx60cmx60cm	300	No.			3437.50
3	Filling of pits 60cmx60cmx60cm		00000098	1745%	5235.00	6543.75
7		300	No.	254%	762.00	952.50
	Carriage of plants in polythene bags from nursery to work site O/D 1 km (level)	300	No.	1476%	4428.00	5535.00
3	Planting of tall plants i/c ramming	300	No.	654.30%	1962.90	2453.63
	Cost of CC fence posts	50	No.	155	7750.00	7750.00
0	Carriage of CC Fence post	50.	No.	L/S	4000.00	4000.00
1	Fixing of CC posts i/c strutting	50	No.	696.35%	348.18	435.23
2	Stretching and fixing of barbed wire with U- staple in four strands	585	Rmt	4.80	2808.00	3510.00
3	Interlacing of thorny bushes with barbed wire	195	Rmt.	4.00	780.00	975.00
4	Cost of barbed wire	0.084	MT	65100	5468.40	5468.40
5	Cost of U-staple	0.001	MT	64000	64.00	
6	Mulching of plants	300	No.	84.80%		64.00
7	Irrigation as per need/photography etc.		L/s	04.00%	254.40	318.00
	Total		LIS		1500.00	1500.00
	Add 66.66% increase {Due to increase of				40086.48	45412.51
1	wage rates from Rs. 150/- to Rs. 250/- per day except item nos. 9, 14,15 & 17				16867.70	20418.03
	G.Total				56954.18	65830.54
				Or say	56900.00	65800.00
TI						Wilderson Stramond Pool

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.

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

A	nr	lex	ure	-F

S. No.	Description of work	Quantity	Unit	Rate	Amount (basic wage rate applied ₹150/- per day)		
	F			(in Rs)	(N/T) (in Rs.)	(T) (in Rs.)	
1	Survey and demarcation of plantation area	1	На	101.00	101.00	126.25	
2	Bush cutting in strips	1	На	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	
3	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	
0	Carriage of wooden Fence post	50	No.	681.80%	340.90	426.13	
1	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	
2	Digging of holes 20-30 cm dia & 45 cm deep	50	No.	906.80%	453.40	566.75	
3	Fixing of wooden posts i/c strutting	50	No.	716.00%	358.00	447.50	
4	retching and fixing of barbed wire with U-585 aple in four strands	585	Rmt	4.80	2808.00	3510.00	
5	Interlacing of thorny bushes with barbed wire	195	Rmt.	4.00	780.00	975.00	
6 (Cost of barbed wire	0.084	MT	65100.00	5468.40	5468.40	
7 - (Cost of U-staple	0.001	MT	64000.00	64.00	64.00	
8 1	Mulching of plants	300	No.	84.80%	254.40	318.00	
9 1	rrigation as per need/photography etc.		L/s		1500.00	1500.00	
	Total				29927.85	35651.73	
W	Add 66.66% increase {Due to increase of					HE COMMENT OF THE PARTY OF THE	
	vage rates from Rs. 150/- to Rs. 250/- per day} except item nos. 16, 17 & 19				15262.11	19077.65	
Shiill breeze	G.Total			-	45189.96	54729.38	
				Or say	45100.00	54700.00	

^{1.} The proposed cost norms would be upper limit, the exp. shall be charged as per actuals, if lower than the norms.

2. For water conservation, moisture retention interventions be undertaken.

3. Maintenance will be carried out for 3 years for which the norms are as under:-

1st year ₹ 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.

2 1.6.2019

N	orms (per Ha) for raising 200 tall plants with	RCC Fence	Posts	(Non-Tribal &	Tribal) for the year	ar 2019-20
S. No.		Quantity	-		Amount	Amount
				(in Rs)	(N/T) (in Rs.)	(T) (in Rs.)
1	Survey and demarcation of plantation area	1	На	101.00	101.00	126.25
2	Bush cutting in strips	1	На	1192.80	1192.80	1491.00
3	Collection of debris and burning	1	На	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	L. CONTRACTOR OF THE PARTY OF T
6	Filling of pits 60cmx60cmx60cm	200	No.	254%		4362.50
7	Carriage of plants in polythene bags from nursery to work site O/D 1 km (level)		No.	1476%	508.00 2952.00	635.00 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	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
7	Irrigation as per need/photography etc.		L/s		1300.00	1300.00
	Total		-		40422.38	44694.88
1	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
	G.Total				54480.96	61601.51
				Or say	54400.00	61600.00

1.The proposed cost norms would be upper limit. the exp. shall be charged as per actuals, if lower than the norms.
 2. For water conservation, moisture retention interventions be undertaken.

3. Maintenance will be carried out for 3 years for which the norms are as under:-

1st year ₹ 1660/- per Ha. 2nd year ₹ 1060/- per Ha. 3rd year ₹ 460/- per Ha.

- 4. Photographs of plantation site before and after planting
- 5. GPS Co-ordinates of plantation area

6. The objective is better survival.

-	Г	Norms (per Ha) for raising 200 tall plants v	with CC F	enco	Doots	())		Annexur	
S.	. No.	Norms (per Ha) for raising 200 tall plants v	Quantity		Unit	(Non-Triba	al & Tribal) for the year 2019-20		
				-			Amount (bas applied ₹15	sic wage rate i0/- per day)	
1	1	Survey and demarcation of plantation area				(in Rs)	(N/T) (in Rs.)	(T) (in Rs.	
2		Bush cutting in strips	. 1		На	101.0	101.00	Services Secretary	
3		Collection of debris and burning	1		На	1192.8		120.	
4		Preparation of inspection path 60 cm wide	1		На	681.8		1401.	
5	1	Digging of pits 60cmx60cmx60cm	250		m	11.00	and the second s	002.	
6	F	Filling of pits 60cmx60cmx60cm	200		No.	1745%		0,07.0	
7		Carriage of plants in	200	1	Vo.	254%		4362.5	
		Carriage of plants in polythene bags fro nursery to work site O/D 1 km (level)	m 200	1	Vo.	1476%	000.00	635.0	
8		lanting of tall plants i/c ramming	200	-	-		2002.00	3690.0	
9	C	ost of CC fence posts	50		lo.	654.30%	1308.60	1635.7	
10	C	arriage of CC Fence post			Vo.	155	7750.00	7750.00	
1	Fi	xing of CC posts i/c strutting	50		0.	L/S	4000.00	4000.00	
2	St	retching and fixing of bashad :	50	N	lo.	696.35%	348.18	435.23	
		- Granas	- 585	R	mt	4.80	2808.00	3510.00	
3	Int	erlacing of thorny bushes with barbed wire	195					33 10.00	
4	Co	st of barbed wire		Rn		4.00	780.00	975.00	
5	Co	st of U-staple	0.084	M		65100.00	5468.40	5468.40	
	Mul	Iching of plants	0.001	M	and low	64000.00	64.00	64.00	
		gation as per need/photography etc.	200	No.		84.80%	169.60	212.00	
		Total		L/s			1300.00	1300.00	
	Add	66.66% increase (Duo to in					35672.38	39944.88	
		pe rates from Rs. 150/- to Rs. 250/- per day cept item nos. 9, 14,15 & 17					14058.58	16906.63	
	743	G.Total							
1	lo a vo						49730.96	56851.51	
ne pr	mar	sed cost norms would be upper limit, the exp			Or s	say	49700.00	56800.00	

1. The proposed cost norms would be upper limit, the exp. shall be charged as per actuals, if lower than the norms.

2. For water conservation, moisture retention interventions be undertaken.

3. Maintenance will be carried out for 3 years for which the norms are as under:-Maintenance will be carried out for 3 years for which the 1st year ₹ 1660/- per Ha.
 2nd year ₹ 1060/- per Ha.
 3rd year ₹ 460/- per Ha.
 4. 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

Annexure-U

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	На	101.00	101.00	126.25	
2	Bush cutting in strips	1	На	1192.80	1192.80	1491.00	
3	Collection of debris and burning	1	На	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	
3	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	
3	Fixing of wooden posts i/c strutting	50	No.	716.00%	358.00	447.50	
4	Stretching and fixing of barbed wire with U- staple in four strands	585	Rmt	4.80	2808.00	3510.00	
5	Interlacing of thorny bushes with barbed wire	195	Rmt.	4.00	780.00	975.00	
6	Cost of barbed wire	0.084	MT	65100.00	5468.40	5468.40	
7	Cost of U-staple	0.001	MT	64000.00	64.00	64.00	
8	Mulching of plants	200	No.	84.80%	169.60	212.00	
9	Irrigation as per need/photography etc.		L/s		1300.00	1300.00	
	Total				25513.75	30184.10	
V	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	
	G.Total				37966.74	45750.34	
				Or say	37900.00	45700.00	

- 1. 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.
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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 area6. The objective is better survival.

81.6.2019