
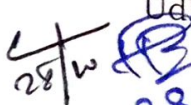


ABSTRACT		
Sl. No	Name of Work	Amount (in Rs)
1	Cost of Nursery	1,07,800
2	Planting Cost	1,81,500
3	1st year maintenance	1,09,142
4	2nd year maintenance	1,17,128
5	3rd year Maintenance	1,25,521
6	4th year Maintenance	1,41,725
7	5th year maintenance	2,00,513
8	6th year maintenance	1,56,482
9	7th year maintenance	40,086
10	8th year maintenance	61,095
11	9th year maintenance	48,505
12	10th year maintenance	53,006
13	Providing chainlink fence around the plantation area an extent of 756 m	21,91,000
14	Providing RCC compound wall around the Aramby RF a lead of 250 m	21,04,000
	<b>Total</b>	<b>56,37,503</b>

  
 District Forest Officer,  
 Nilgiris Forest Division,  
 Udhagamandalam.

  
 28/10/2021

# Estimate for Raising Shola Nursery for planting in Wenlockdowns RF near HPF area during the year 2021-2022

Size of Polybags : 30x45 cm

No of Seedlings : 759 (690+69)

Period of Nursery: 10 Months

Wages Rate - 2021-2022 : Rs.472.75

Sl. No	Qty	Details of Work	FSR Item No	FSL	Rate	Per	Amount
<b>NURSERY OPERATIONS FOR 13x25cm</b>							
1	759 Nos	Cost of 13x25cmx250G polybags	Tender rate 2016-17		1050	1000	797
2	150 M2	Preparation of Nursery site by Clearing and levelling the site for forming standard bed of size 10mx1m	4.1	2.42	1144.06	200	858
3	2 kg	Cost of Seeds	LR		500	1	1000
4	6 Cu.m	Formation of germination beds of size 10x1x3 m	PWD SSR item 62		96.60	1	580
5	2.0 Beds	Watering the Germination Beds twice daily with rose can (15days)	4.5.1	0.82	387.86	10 beds / day	1164
6	2.0 Beds	Watering the germination beds once daily with rose can (15days)	4.5.2	0.41	193.83	10 beds / day	581
7	0.815 Cu.m	Collection and supply of sand silt and red soil according the requirement of prepartion of soil mixture 4/5th of total volume		MTP Motel Estim ate	750	Cu.m	611
8	0.203 Cu.m	Collection and supply of farm yard manure filling bags 1/5th of total volume	LR	MTP Motel Estim ate	750.00	Cu.m	152



Sl. No	Qty		Details of Work	FSR Item No	FSL	Rate	Per	Amount
9	759	Nos	Preparation of soil mixture by breaking clods, sieving, mixing fertile earth (including red soil, silt and sand according to requirements) and farmyard manure in the reation of 3.1. heaping at the filling site and filling in poly bags arranging bags in beds and pricking out the seedlings	4.6.4	4.48	2117.92	1000	1608
10	759	Nos	Watering the container plants twice daily with rose can 13x25 cm (15days)	4.10.4	0.23	108.73	1000	1238
11	759	Nos	Watering the container plants once in daily with rose can 13x25 cm (30days)	4.11.4	0.115	54.37	1000	1238
12	759	Nos	Nursery protection mazdoor 1 Nos 100000 Nos of 13x25 cm bags - 45days	wages rate		472.75	10000 0/M	161
<b>PART II - Bigger size bags : 30x45cmx600g</b>								
13	759	Nos	Cost of 30x45cmx600G polybags	Local Rate		6490	1000	4926
14	9.230	M3	Collection and supply of sand silt and red soil according the requirement of prepartion of soil misture 4/5th of total volume (excluding volume of 13 x 25 cm bags)	MTP ME 2013-2014		750	M3	6923
15	2.31	M3	Cost of transport of Farmyard manure for filling bags 1/5th of total volume (excluding volume of 10x20 bags)	MTP ME 2013-2014		750	M3	1733

Sl. No	Qty		Details of Work	FSR Item No	FSL	Rate	Per	Amount
16	759	Nos	Preparation of soil mixture by breaking clods, sieving, mixing fertile earth (including red soil, silt and sand according to requirements) and farmyard manure in the ratio of 4:1, heaping at the filling site and filling in poly bags 30x45cm arranging bags in beds and pricking out the seedling (excluding cost of soil mixture and FYM)	4.6.7	28.57	13506.47	1000	10251
17	8.00	Maz	Labour cost of transplanting seedlings from 13x25 cm container bags into 30x45 cm containers 10maz/1000	NHAI ME		336.5	each	2692
18	23.00	Kg	Cost of Vermicasting @ 30gm / container			10.00	each	230
19	11.39	Kg	Cost of Vam@15gm/container			18.00	each	205
20	4.55	Kg	Cost of Azospirillum @ 6gm/ container			27.00	each	123
21	4.55	Kg	Cost of phosphobacteria @ 6gm/ container			27.00	each	123
22	759	Nos	Cost of vertical stick of size 2.50 mts	NHAI ME		13.00	Each	9867
23	380	Mtrs	Cost of Horizontal stick			3.00	Mtrs	1140
24	759	Nos	Tying plants to vertical stick one in a month 2times			0.40	Each/ time	607
			Watering the container plants with rose can watering regime approved PCCF's Ref.No.J1/57395/2003, dt:12.12.2003					
25	759		Twice daily - 60days	4.10.7	0.56	264.74	1000	12056
26	759		Once daily - 210 days	4.10.7	0.28	132.37	1000	21098



Sl. No	Qty		Details of Work	FSR Item No	FSL	Rate	Per	Amount
27	759		Shifting the container plants weedling grading and replacement of casualties in the bags -shifting to done once in 21dyas, 1shiting not before 45days after pricking out - 12 shifts	4.15.7	2.69	1271.70	1000	11583
28	759	Nos	Nursery protection mazdoors 1 No / 100000 Nos of 30 x 45 cm bags - 522 days	wages rate		472.75	10000/M	1873
			GST 18% (Item No.1, 13)					1029
29	LS		Contingencies for application of pesticides etc., and unforeseen intems if any					1553
<b>TOTAL</b>								<b>98000</b>

Rate calculated for 2021-2022

98000


Add annual 10% escalation for subsequent years


9800

**Rate for 2021-2022**

**107800**

**Rs.142/- per seedling**

  
District Forest Officer,  
Nilgiris Forest Division,  
Udhagamandalam.

  
28/10/2021

**ESTIMATE FOR RAISING SHOLA PLANTATION IN WENLOCKDOWNS RF  
NEAR HPF, IN NILGIRIS FOREST DIVISION DURING 2022-2023**

Size of Polybags : 30x45 cm  
No of Seedlings : 759 (690+69)  
Wages Rate - 2021-2022 : Rs.472.75

Sl. No	Qty		Details of Work	FSR Item No	FSL	Rate	Per	Amount
1	0.3	Ha	Removal of invasive species and other jungle growth	12.1.3		22502.9	ha	6751
1	690	Nos	Digging of 60cm <sup>3</sup> pits in hard gravelly soil during non rainy season	as per based on FSR 5.8.1	9.26	4377.67	100 Nos	30206
2	11.86	cum	Cost and transport of farmyard manure each plant (0.25x0.25x0.25=0.015625x1000= 15.625 m3)	Local rate		750	1 M3	8895
5	759	Nos	Transport of polithin container seedlings (30 x 45 cm) by head load in the places where approach road not available up to a distance of 0.5 km	FSR Item No 5.13.2		16073.50	1000	12200
6	759	Nos	Loading & Unloading the Container plants charges	5.11.7	3.29	1555.35	1000 Nos	1181
			Distribution of saplings from where seedlings are stocked to the planting spot upto 100mts.					
7	400	Nos	Upto 100 m	5.15.1	10	4727.50	1000 Nos	1891
8	290	Nos	Upto 200 m	5.15.2	17.5	8273.00	1000 Nos	2399
9	690	Nos	Planting the Container plants by refilling pits of size 60 cm <sup>3</sup>	as per based on FSR 5.22		806.40	100 Nos	5564
11	69	Nos	Replacement of casualties by reopening failed pits and planting the saplings (1/2 pitting rate + full planting rate)	5.23	3.11	2631.27	100 Nos	1816



Sl. No	Qty		Details of Work	FSR Item No	FSL	Rate	Per	Amount
12	690	Nos	Scraping for 1 m dia and soil working 15 cm depth around each plants and removing the grass roots away from the site of upturning the soil - 2 times	5.24	1.23	581.48	100 Nos	4012
13	690	Nos	Forming catch water drains for each plant in plains 90 cm x 45 cm x 30 cm size in hard gravelly soil	5.26	6.84	3233.61	100 Nos	22312
15	82800	Ltrs	Cost of water @ 10 liter per seedlings 15 watering days (10x690x12=82800Ltrs)	As per ME		1200.00	6000 Ltrs	16560
16	690	Nos	Watering the plants once in 6 days during non rainy period (from Dec to March) 200 Plants per mazdoor (70 Mazdoor)	FSR 2021-2022		472.75	200 Nos	33093
17	LS		Contingencies for application of pesticides etc. and unforeseen items if any					3121
<b>TOTAL</b>								<b>150000</b>

Rate calculated for 2021-2022

Add annual 10% escalation for subsequent years

**Rate for 2022-2023**

150000

31500

**181500**

**Rs.263/- per seedling**

*[Signature]*  
District Forest Officer,  
Nilgiris Forest Division,  
Udhagamandalam.

28/10/21 *[Signature]*  
28.10.2021

**Estimate for 1<sup>st</sup> Year Maintenance in Shola plantation raised during 2022-2023 in Nilgiris Forest Division during - 2023-2024**

No of Seedlings Planted - 690

20% casualties - 138 = 828

### Size of Polybags

: 30x45 cm

### Replacement of Casualties

**: 20%**

### Wages Rate - 2021-2022

: Rs.472.75

Sl. No	Qty		Details of Work	FSR Item No	FSL	Rate	Per	Amount
1	138	Nos	Cost of Taller seedlings			98.00	1 No	13524
2	138	Nos	Transport of polithin container seedlings (30 x 45 cm) by head load in the places where approach road not available up to a distance of 0.5 km	FSR 5.13.2		16073.50	1000	2218
3	138	Nos	Loading & Unloading the Container plants charges	5.11.7	3.29	1555.35	1000 Nos	215
4			Distribution of saplings from where seedlings are stocked to the planting spot upto 100mts.					
a	138	Nos	Upto 100mt	5.15.1	10	4727.50	1000 Nos	652
5	138	Nos	Replacement of casualties by reopening failed pits and planting the saplings (1/2 pitting rate + full planting rate)	5.23	3.11	2631.27	100 Nos	3631
6	690	Nos	Application of poultry manure @ 250 gm per plant by mixing in the pit before planting including cost & transport (2 times)	LR		0.50	each	690
7	690	Nos	Cost of DAP including application charges (per seedling 0.020 mg) (2 times)	LR		60.00		1656
8	690	Nos	Scraping for 1m dia and soil working 15cm depth around each plants and removing the grass roots away from the site of upturning the soil	5.24		581.48	100 Nos	4012
9	690	Nos	Watering the plants once in 6 days during summer season April to Sept and Jan to Mar (45 days)			472.75	200 Nos	33093
10	82800	Ltrs	Cost of water @ 10 liter per seedling 120 watering days (10x690x120x6)	As per ME		1200.00	6000 Ltrs	16560
11	690	Nos	Pruning side branches once in a year @ 100 saplings per mazdoor (7 Mazdoor)	LR	-	472.75	1 No / 100 seedlings	3309
12	LS		Contingencies for application of pesticides etc. and unforeseen items if any					2440
<b>TOTAL</b>								<b>82000</b>



Rate calculated for 2021-22

Add annual 10% escalation for subsequent years


**Rate for 2023-24**

82000

27142

**109142**

**Rs. 158/- per seedling**

  
District Forest Officer,  
Nilgiris Forest Division,  
Udhagamandalam.

28/10/2021  
28.10.2021

# **Estimate for 2<sup>st</sup> Year Maintenance in Shola plantation raised during 2022-2023 in Nilgiris Forest Division during - 2024-2025**

Size of Polybags : 30x45 cm

Replacement of Casualties : 15%

Wages Rate - 2021-2022 : Rs.472.75

SI. No	Qty		Details of Work	FSR Item No	FSL	Rate	Per	Amount
1	104	Nos	Cost of Taller seedlings			98.00	1 No	10192
2	104	Nos	Transport of polithin container seedlings (30 x 45 cm) by head load in the places where approach road not available up to a distance of 0.5 km	FSR 5.13.2		16075.50	1000 No	1672
3	104	Nos	Loading & Unloading the Container plants charges	5.11.7	3.29	1555.35	1000 Nos	162
4			Distribution of saplings from where seedlings are stocked to the planting spot upto 100 meters.					
a	104	Nos	Upto 100 m	5.15.1	10	4727.50	1000 Nos	492
5	104	Nos	Replacement of casualties by reopening failed pits and planting the saplings (1/2 pitting rate + full planting rate)	5.23	3.11	2631.27	100 Nos	2737
6	690	Nos	Application of poultry manure @ 250 gm per plant by mixing in the pit before planting including cost & transport (2 times)	LR		0.50	each	690
7	690	Nos	Cost of DAP including application charges (per seedling 0.020 mg) (2 times)	LR		60.00		1680
8	690	Nos	Scraping for 1m dia and soil working 15cm depth around each plants and removing the grass roots away from the site of upturning the soil	5.24		581.48	100 Nos	4012



SI. No	Qty		Details of Work	FSR Item No	FSL	Rate	Per	Amount
9	690	Nos	Watering the plants once in 6 days during winter, drought and summer season - December to March (70 Mazdoor)			472.75	200 Nos	33093
10	82800	Ltrs	Cost of water @ 10 liter per seedling 120 watering days (10x690x120x6)	As per ME		1200.00	6000 Ltrs	16560
11	690	Nos	Pruning side branches twice in a year	LR		472.75	1 No / 100 seedlings	3262
12	LS		Contingencies for cost and application of pesticides etc. and unforeseen items if any					5450
<b>TOTAL</b>								<b>80000</b>

Rate calculated for 2021-22

80000

Add annual 10% escalation for subsequent years

37128

**Rate for 2024-25**

**117128**

**Rs.170/- per seedling**

*[Signature]*  
District Forest Officer,  
Nilgiris Forest Division,  
Udhagamandalam.

*[Signature]*  
28.10.2022

**Estimate for 3rd Year Maintenance in Shola plantation raised during  
2022-2023 in Nilgiris Forest Division during - 2025-2026**

Size of Polybags : 30x45 cm

Replacement of Casualties : 10%

Wages Rate - 2021-2022 : Rs. 472.75

SI. No	Qty		Details of Work	FSR Item No	FSL	Rate	Per	Amount
1	69	Nos	Cost of Taller seedlings			98.00	1 No	6762
2	69	Nos	Transport of polithin container seedlings (30 x 45 cm) by head load in the places where approach road not available up to a distance of 0.5 km	FSR 5.13.2		16075.50	1000 Nos	1109
3	69	Nos	Loading & Unloading the Container plants charges	5.11.7	3.29	1555.35	1000 Nos	107
4			Distribution of saplings from where seedlings are stocked to the planting spot upto 100 meters.					
a	69	Nos	Upto 100 m	5.15.1	10	4727.50	1000 Nos	326
5	69	Nos	Replacement of casualties by reopening failed pits and planting the saplings (1/2 pitting rate + full planting rate)	5.23	3.11	2631.27	100 Nos	1816
6	690	Nos	Application of poultry manure @ 250 gm per plant by mixing in the pit before planting including cost & transport (2 times)	LR		0.50	each	690
7	690	Nos	Cost of DAP including application charges (per seedling 0.020 mg) (2 times)	LR		60.00		1680
8	690	Nos	Scraping for 1 m dia and soil working 15 cm depth around each plants and removing the grass roots away from the site of upturning the soil - 2 times	5.24		581.48	100 Nos	4012



SI. No	Qty		Details of Work	FSR Item No	FSL	Rate	Per	Amount
9	690	Nos	Watering the plants once in 6 days during winter, drought and summer season - December to March (70 Mazdoor)	FSR 2021-22		472.75	200 Nos	33093
10	82800	Ltrs	Cost of water @ 10 liter per seedling 120 watering days (10x690x120x6)	As per ME		1200.00	6000 Ltrs	16560
11	690	Nos	Pruning side branches twice in a year (18 Mazdoor)	LR		472.75	1 No / 100 seedlings	8510
12	LS		Contingencies for application of pesticides etc. and unforeseen items if any					3335
<b>TOTAL</b>								<b>78000</b>

Rate Rate calculate for 2018-19

78000


Add annual 10% escalation for subsequent years

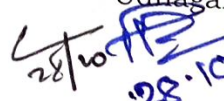
47521

**Rate for 2025-26**

**125521**

**Rs.182/- per seedling**

  
District Forest Officer,  
Nilgiris Forest Division,  
Udhagamandalam.

  
28/10/2021

**Estimate for 4th Year Maintenance in Shola plantation raised during  
2022-2023 in Nilgiris Forest Division during - 2026-2027**

**Size of Polybags : 30x45 cm**

**Replacement of Casualties : 5%**

**Wages Rate - 2021-2022 : Rs.472.75**

SI. No	Qty		Details of Work	FSR Item No	FSL	Rate	Per	Amount
1	0.3	Ha	Removal of regrowth of invasive alien species	12.1.3		22502.90	1 No	6751
1	35	Nos	Cost of Taller seedlings			98.00	1 No	3430
2	35	Nos	Transport of polithin container seedlings (30 x 45 cm) by head load in the places where approach road not available up to a distance of 0.5 km	FSR 5.13.2		16075.50	1000 Nos	563
3	35	Nos	Loading & Unloading the Container plants charges	5.11.7	3.29	1555.35	1000 Nos	54
4			Distribution of saplings from where seedlings are stocked to the planting spot upto 100 meters.					
a	35	Nos	Upto 100 m	5.15.1	10	4727.50	1000 Nos	165
5	35	Nos	Replacement of casualties by reopening failed pits and planting the saplings (1/2 pitting rate + full planting rate)	5.23	3.11	2631.27	100 Nos	921
6	690	Nos	Application of poultry manure @ 250 gm per plant by mixing in the pit before planting including cost & transport (2 times)	LR		0.50	each	690
7	690	Nos	Cost of DAP including application charges (per seedling 0.020 mg) (2 times)	LR		60.00		1680
8	690	Nos	Scraping for 1m dia and soil working 15cm depth around each plants and removing the grass roots away from the site of upturning the soil	5.24		581.48	100 Nos	4012

Sl. No	Qty		Details of Work	FSR Item No	FSL	Rate	Per	Amount
9	690	Nos	Watering the plants once in 6 days during winter, drought and summer season - December to March (70 Mazdoor)	FSR 2021-22		472.75	200 Nos	33093
10	82800	Ltrs	Cost of water @ 10 liter per seedling 120 watering days (10x690x120x6)	As per ME		1200.00	6000 Ltrs	16560
11	690	Nos	Pruning side branches twice in a year (18 Mazdoor)	LR		472.75	1 No / 75 seedlings	8510
12	LS		Contingencies for application of pesticides etc. and unforeseen items if any					3571
<b>TOTAL</b>								<b>80000</b>

Rate calculated for 2021-2022

80000


Add annual 10% escalation for subsequent years

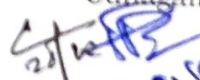
61725

**Rate for 2026-2027**

**141725**

**Rs.205/- per seedling**

  
District Forest Officer,  
Nilgiris Forest Division,  
Udhagamandalam.

  
28.10.2021



**Estimate for 5th Year Maintenance in Shola plantation raised during  
2022-2023 in Nilgiris Forest Division during - 2027-2028**

**Size of Polybags** : 30x45 cm

**Replacement of Casulaties : 5%**

**Wages Rate - 2021-2022 : Rs.336.50**

Sl. No	Qty		Details of Work	FSR Item No	FSL	Rate	Per	Amount
1	690	Nos	Scraping for 1 m dia and soil working 15 cm depth around each plants and removing the grass roots away from the site of upturning the soil	5.24	1.23	581.48	100 Nos	4012
2	690	Nos	Application of poultry manure @ 250 gm per plant by mixing in the pit before planting including cost & transport (2 times)	LR		0.50	each	690
3	690	Nos	Cost of DAP including application charges (per seedling 0.020 mg) (2 times)	LR		60.00		1680
4	690	Nos	Watering the plants once in 6 days during winter, drought and summer season - December to March (70 Mazdoor)	FSR 2021-22		472.75	200 Nos	33093
5	82800	Ltrs	Cost of water @ 10 liter per seedling 120 watering days (10x690x120x6)	As per ME		1200.00	6000 Ltrs	16560
6	690	Nos	Pruning side branches twice in a year (18 Mazdoor)	LR		472.75	1 No / 75 seedlings	8510
7	LS		Contingencies for application of pesticides etc. and unforeseen items if any					3456
<b>TOTAL</b>								<b>68000</b>

Rate calculated for 2021-22

68000


Add annual 10% escalation for subsequent years

132513

**Rate for 2027-28**

**200513**

**Rs.291/- per seedling**

  
District Forest Officer,  
Nilgiris Forest Division,  
Udhagamandalam.

  
28.10.2021

**Estimate for 6th Year Maintenance in Shola plantation raised during 2022-2023 in Nilgiris Forest Division during - 2028-2029**

Size of Polybags : 30x45 cm

Wages Rate - 2021-2022

: Rs.472.75

Sl. No	Qty		Details of Work	FSR Item No	FSL	Rate	Per	Amount
1	0.3	Ha	Removal of regrowth of invasive alien species	12.1.3		22502.90	1 No	6751
1	690	Nos	Scrapping for 1m dia and soil working 15cm depth around each plants and removing the grass roots away from the site of upturning the soil	5.24	1.23	581.48	100 Nos	4012
2	690	Nos	Application of poultry manure @ 250 gm per plant by mixing in the pit before planting including cost & transport (2 times)	LR		0.50	each	690
3	690	Nos	Cost of DAP including application charges (per seedling 0.020 mg) (2times)	LR		60.00	each	1680
4	690	Nos	watering the plants once in 6 days during winter, drought and summer season - December to March (70 Mazdoor)	FSR 2021-22		472.75	200 Nos	33093
5	82800	Ltrs	Cost of water @ 10 liter per seedling 120 watering days (10x690x120x6)	As per ME		1200.00	6000 Ltrs	16560
6	690	Nos	Pruning side branches twice in a year (18 Mazdoor)	LR		472.75	1 No / 75 seedlings	8510
7	LS		Contingencies for application of pesticides etc. and unforeseen items if any					1705
<b>TOTAL</b>								<b>73000</b>

Rate calculated for 2021-22

Add annual 10% escalation for subsequent years

**Rate for 2028-29**

73000

83482

**156482**

**Rs.227/- per seedling**

District Forest Officer,  
Nilgiris Forest Division,  
Udhagamandalam.

28/10/2021



**Estimate for 7th Year Maintenance in Shola plantation raised during  
2022-2023 in Nilgiris Forest Division during - 2029-2030**

Size of Polybags : 30x45 cm

Wages Rate - 2021-  
2022 : Rs.472.75

SI. No	Qty		Details of Work	FSR Item No	FSL	Rate	Per	Amount
1	690	Nos	Scraping for 1m dia and soil working 15cm depth around each plants and removing the grass roots away from the site of upturning the soil	5.24	1.23	581.48	100 Nos	4012
2	690	Nos	Application of poultry manure @ 250 gm per plant by mixing in the pit before planting including cost & transport (2 times)	LR		0.50	each	690
3	690	Nos	Cost of DAP including application charges (per seedling 0.020 mg) (2times)	LR		60.00	each	1680
4	690	Nos	Pruning side branches twice in a year (18 Mazdoor)	LR		472.75	1 No / 75 seedlings	8510
5	LS		Contingencies for application of pesticides etc. and unforeseen items if any					2108
<b>TOTAL</b>								<b>17000</b>

Rate calculated for 2021-22

17000


Add annual 10% escalation for subsequent years


23086

**Rate for 2029-30**

**40086**

**Rs.58/- per seedling**

  
District Forest Officer,  
Nilgiris Forest Division,  
Udhagamandalam.

  
28.10.2021

**Estimate for 8th Year Maintenance in Shola plantation raised during  
2022-2023 in Nilgiris Forest Division during - 2030-2031**

Size of Polybags : 30x45 cm

Wages Rate - 2021-  
2022 : Rs.472.75

Sl. No	Qty		Details of Work	FSR Item No	FSL	Rate	Per	Amount
1	690	Nos	Scrapping for 1m dia and soil working 15cm depth around each plants and removing the grass roots away from the site of upturning the soil	5.24	1.23	581.48	100 Nos	4012
2	690	Nos	Application of poultry manure @ 250 gm per plant by mixing in the pit before planting including cost & transport (2 times)	LR		0.50	each	690
3	690	Nos	Cost of DAP including application charges (per seedling 0.020 mg) (2times)	LR		60.00	each	1680
4	690	Nos	Pruning side branches twice in a year (18 Mazdoor)	LR		472.75	1 No / 75 seedlings	8510
5	LS		Contingencies for application of pesticides etc. and unforeseen items if any					2108
<b>TOTAL</b>								<b>17000</b>

Rate calculated for 2021-2022

17000


Add annual 10% escalation for subsequent years

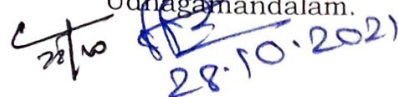
44095

**Rate for 2030-2031**

**61095**

**Rs.89/- per seedling**

  
District Forest Officer,  
Nilgiris Forest Division,  
Udhagamandalam.

  
28/10/2021

**Estimate for 9th Year Maintenance in Shola plantation raised during  
2022-2023 in Nilgiris Forest Division during - 2031-2032**

Size of Polybags : 30x45 cm

Wages Rate -

2021-2022

: Rs.472.75

SI. No	Qty		Details of Work	FSR Item No	FSL	Rate	Per	Amount
1	690	Nos	Scraping for 1m dia and soil working 15cm depth around each plants and removing the grass roots away from the site of upturning the soil	5.24	1.23	581.48	100 Nos	4012
2	690	Nos	Application of poultry manure @ 250 gm per plant by mixing in the pit before planting including cost & transport (2 times)	LR		0.50	each	690
3	690	Nos	Cost of DAP including application charges (per seedling 0.020 mg) (2times)	LR		60.00	each	1680
4	690	Nos	Pruning side branches twice in a year (18 Mazdoor)	LR		472.75	1 No / 75 seedlings	8510
5	LS		Contingencies for application of pesticides etc. and unforeseen items if any					2108
<b>TOTAL</b>								<b>17000</b>

Rate calculated for 2021-2022

17000

Add annual 10% escalation for subsequent years

31505

**Rate for 2031-32**

**48505**

**Rs.70/- per seedling**

District Forest Officer,  
Nilgiris Forest Division,  
Udhagamandalam.

28/12/21  
28.12.2021



**Estimate for 10th Year Maintenance in Shola plantation raised during  
2022-2023 in Nilgiris Forest Division during - 2032-2033**

Size of Polybags : 30x45 cm

Wages Rate -  
2021-2022 : Rs.472.75

SI. No	Qty		Details of Work	FSR Item No	FSL	Rate	Per	Amount
1	690	Nos	Scraping for 1m dia and soil working 15cm depth around each plants and removing the grass roots away from the site of upturning the soil	5.24	1.23	581.48	100 Nos	4012
2	690	Nos	Application of poultry manure @ 250 gm per plant by mixing in the pit before planting including	LR		0.50	each	690
3	690	Nos	Cost of DAP including application charges (per seedling 0.020 mg) (2times)	LR		60.00	each	1680
4	690	Nos	Pruning side branches twice in a year (18 Mazdoor)	LR		472.75	1 No / 75 seedlings	8510
5	LS		Contingencies for application of pesticides etc. and unforeseen items if any					2108
<b>TOTAL</b>								<b>17000</b>

Rate calculated for 2021-22

17000


Add annual 10% escalation for subsequent years

36006

**Rate for 2032-2033**

**53006**

**Rs.77/- per seedling**

  
District Forest Officer,  
Nilgiris Forest Division,  
Udhagamandalam.

28/10/2021  
28.10.2021

Name of Work : Providing R.C.C compound wall around Aramby RF in Udthagai North Range of Nilgiris Forest Division during 2021-22

**ABSTRACT**

Sl No	Quantity		Description of Works	Rate	Unit	Amount
1	45.00	m <sup>3</sup>	Earth work excavation in all soils and sub soils for Levelling etc.,	134.40	1m <sup>3</sup>	6,048
2	11.25	m <sup>3</sup>	Pcc in 1:5:10 for foundation	6245.41	1m <sup>3</sup>	70,261
3	1380.62	Kg	Supplying and erecting for steel centering etc.,Supplying, fabricating and placing in position of reinforcement steels includng cost of binding wire etc. for foundation and wall	80.00	MT	1,10,450
4	750.00	m <sup>2</sup>	Supplying and erecting for steel centering etc.,Supplying and erction of centering for soffits of all rein forcements using 8 to 13 cm casurina props, 50mm x 75mm size runners @ 75 cm c/c with Mild steel angle / plain sheets / c.w. planks etc. includng levelling etc.	89.51	m <sup>2</sup>	67,133
5	120.00	m <sup>3</sup>	R.C.C. 1:2:4 mix using 20mm HBG metal etc.,	9628.93	m <sup>3</sup>	11,55,472
6	807.50	m <sup>2</sup>	Plastering with CM 1:5 mix using 12 mm for base etc.,	336.40	m <sup>2</sup>	2,71,643
7	807.50	m <sup>2</sup>	White washing two coats etc.,	42.95	m <sup>2</sup>	34,682
8	807.50	m <sup>2</sup>	Painting with cement paint etc.,	178.60	m <sup>2</sup>	1,44,220
						18,59,909
9	L.S		Provisions for GST @ 12 %	L.S		2,23,189
10	L.S		Provisions for TNLWF @ 1 %	L.S		21,000
Total Amount Rs.						21,04,098
Round Off Rs.21,04,000						
Rupees Twenty One lakh Four Thousand only.						

*[Signature]*  
**DISTRICT FOREST OFFICER**  
**NILGIRIS FOREST DIVISION,**  
**UDHAGAMANDALAM**  
*[Signature]*  
**28.10.2021**



**Name of Work : Providing compound wall around Aramby RF in Udhagai North Range of Nilgiris  
Forest Division during 2021-22**

Sl.No.	Description of works	Nos			L	B	D	Qty	
1	Earth work excavation in all soils and subsoils etc.,								
	For foundation	1	x	1	250.00	0.30	0.60	45.00	
								45.00	m <sup>3</sup>
2	Pcc in 1:5:10 for fundation								
	For foundation	1	x	1	250.00	0.30	0.15	11.25	
								11.25	m <sup>3</sup>
3	Supplying and erecting for steel centering etc.,Supplying, fabricating and placing in position of reinforcement steels including cost of binding wire etc. for foundation and wall								
	10mm dia main rods -2 @ top and bottom	1	x	1	1,126.00		0.62	698.12	kg
	Distribution 8 mm dia rods	1	x	1	1,750.00		0.39	682.50	kg
								1380.62	kg
4	Supplying and erecting for steel centering etc.,Supplying and ertion of centering for soffits of all rein forcements using 8 to 13 cm casurina props, 50mm x 75mm size runners @ 75 cm c/c with Mild steel angle / plain sheets / c.w. planks etc. including levelling etc.								
	Wall two sides	1	x	1	250.00		3.00	750.00	
								750.00	m <sup>2</sup>
5	R.C.C. 1:2:4 mix using 20mm HBG metal etc.,								
	For foundation Below G.L	1	x	1	250.00	0.30	0.45	33.75	
	For walls above G.L	1	x	1	250.00	0.230	1.50	86.25	
								120.00	m <sup>3</sup>
5	Plastering with CM 1:5 mix using 12 mm for base etc.,								
	For walls above G.L (D = 1	1	x	1	250.00		3.23	807.50	
								807.50	m <sup>2</sup>
6	White washing two coats etc.,								
	As per plastering qty							807.50	
								807.50	m <sup>2</sup>
7	Painting with cement paint etc.,								
	As per White washing qty							807.50	
								807.50	m <sup>2</sup>
8	Provisions for GST @ 12 %								
9	Provisions for LWF @ 1 %							L.S	
								L.S	

*[Signature]*  
**DISTRICT FOREST OFFICER**  
**NILGIRIS FOREST DIVISION,**  
**UDHAGAMANDALAM**



DATA						
	Qty.	Unit	Description	Rate in Rupees	Per	Amount in Rupees
SUB DATA						
4			<b>CEMENT MORTAR 1:5</b>			
	288.00	KG	CEMENT	6043.52	MT	1740.53
	1.00	cu.m.	SAND FOR MORTAR	2309.58	cu.m.	2309.58
	1.00	cu.m.	MIXING CHARGES	87.00	cu.m.	87.00
			For Nilgiris district 40 %			34.80
			For RF 20 %			17.40
			<b>Rate for 1 cu.m.</b>			<b>4189.31</b>
Plastering Sand						
4			<b>CEMENT MORTAR 1:5</b>			
	288.00	KG	CEMENT	6043.52	MT	1740.53
	1.00	cu.m.	SAND FOR MORTAR	2314.58	cu.m.	2314.58
	1.00	cu.m.	MIXING CHARGES	87.00	cu.m.	87.00
			For Nilgiris district 40 %			34.80
			For RF 20 %			17.40
			<b>Rate for 1 cu.m.</b>			<b>4194.31</b>
Main Data						
1	Earth work excavation and depositing on bank with initial lead of 10 m and lift 2 m in Sand, Silt, or other loose soil etc.,					
	1.00	cu.m.	Earth work excavation in soil Item No	84.00	cu.m.	84.00
			For Nilgiris district 40 %			33.60
			For RF 20 %			16.80
			<b>Rate for 1 cu.m.</b>			<b>134.40</b>
2	Cement Concrete 1:5:10 (One Cement, Five sand and Ten hard broken stone jelly) using 40 mm gauge hard broken granite stone jelly for foundation including dewatering wherever necessary and laid in layers of not more than 15 cm thick well rammed, consolidated and curing etc.					
	9.00	cu.m.	Broken stone Jelly - 40mm size	2058.58	cu.m.	18527.22
	4.50	cu.m.	Cement mortar (1:5)	4194.31	cu.m.	18874.40
	1.80	Nos.	Mason II Class	804.00	Each	1447.20
	17.70	Nos.	Mazdoor I Class	562.00	Each	9947.40
	14.10	Nos.	Mazdoor II Class	461.00	Each	6500.10
			For Nilgiris district 40 %			7157.88
			Total for 10 cu.m.			62454.20
			<b>Rate for 1 cu.m.</b>			<b>6245.41</b>
10	Supplying and erecting steel centering including necessary supports for plane surfaces for Reinforced Cement Concrete works such as column footings, column pedestals,					
			<b>Sub-Data for strutting</b>			
	98.50	RM	Casurina props 10 to 13 cm dia.	33.00	RM	3250.50
			Assuming 5 uses, Rate for 1 use			650.10
	0.30	Nos.	Carpenter I Class	842.00	Each	252.60
	0.30	Nos.	Mazdoor I Class	562.00	Each	168.60
			For Nilgiris 40 %			168.48
		LS	Add for wedges and nails			2.27
			Total for 10 sq.m.			1242.05

			Rate for 1 sq.m.			124.21
			<b>Main data</b>			
	10.00	sq.m.	Rate for centering for slab as per (a)	1156.29	sq.m.	11562.90
	10.00	sq.m.	Deduct or strutting	124.21	sq.m.	-1242.10
			Total for 10 sq.m.			10320.80
			Rate for 1 sq.m.			1032.08
11	Supplying and erecting centering for sides and soffits including necessary supports and strutting upto 3.29 M height for plane surfaces as detailed below in all floors with all					
a	For plane surfaces such as RCC floor slab, roof slab, beams, lintels, bed blocks, landing slab, waist slab, portico slabs and beams, etc.					
			<b>Sub Data: 1</b>			
			Cost of MS sheets and angles for each set:			
			Weight of MS sheets 10 gauge of size 90cm x 60cm x 3.175mm			
			$3.175 \times 7850 / 1000 \times 0.54 =$	13.46	Kg	
			Weight of MS angles of size 25cm x 25mm x 3mm:			
			$3.6 \times 1.1 \text{ kg} / \text{m} =$	4.00	Kg	
	13.46	Kg	Cost of MS sheets	51.83	Kg	697.63
	4.00	Kg	Cost of MS angles	41.20	Kg	164.80
						862.43
	LS		Add for cutting, bending, welding charges etc.		LS	
			<b>Total for one set (A)</b>			862.43
			<b>Sub Data: 2</b>			
			Cost of MS sheets and angles and silver oak joists and casurina props for 1 sq.m.			
	19.00	Set	Cost of MS sheets and MS angles (as per A) (Adopting 40 uses)	862.43	Each	16386.17
			Total for 40 uses			16386.17
			<b>Total for 1 use / sq.m. (B)</b>			409.65
	0.12	cu.m.	Cost of silver oak joists of size 10cm x 6.5cm	15500.00	cu.m.	1860.00
	98.50	RM	Cost of casurina props 10 to 13cm dia.	25.20	RM	2482.20
			<b>Total for 5 uses</b>			4342.20
			(Adopting 5 uses for silver oak / country wood joists and casurina props			4342.20
			<b>Total for 1 use / sq.m. (C)</b>			868.44
			<b>Main Data for centering for 10 sq.m.</b>			
	10.00	sq.m.	Cost of MS sheets and angles (B)	409.65	Each	409.65
	10.00	sq.m.	Cost of silver oak joists and casurina props (C)	868.44	cu.m.	868.44
	3.80	Nos.	Carpenter I Class	842.00	Each	3199.60
	5.40	Nos.	Mazdoor II Class	461.00	Each	2489.40
	1.00	No	Fitter II Class	739.00	Each	739.00
			For Nilgiris 40 %			2571.20
			For RF 20 %			1285.60



		LS	Add for wedges, coils, nails, etc.,		LS	
		LS	For periodical cleaning and painting of MS sheets & angles (5% of cost of sheet & angle)		LS	
			Total for 10 sq.m.			11562.89
			(or) say, Rate for 1 sq.m. (a)			1156.29
12	<b>Reinforced Cement Concrete 1:2:4</b> (One Cement, Two sand and Four hard broken stone jelly) using 20 mm gauge hard broken granite stone jelly for all RCC items of works excluding cost of reinforcement grill and fabricating charges, centering and shuttering but including laying, vibrating with mechanical vibrators, finishing, curing, etc. and providing fixtures like fan clamps in the RCC floor / roof slabs wherever necessary and bearing surfaces of walls, beams etc. shall be finished smooth with Cement Mortar 1:3 (One Cement and Three Sand) and kraft paper laid over it without claiming extra, etc., complete complying with standard specification and as directed by the departmental officers					
	9.00	cu.m.	20mm Machine Crushed Stone Jelly	2461.58	cu.m.	22154.22
	4.50	cu.m.	Sand	2309.58	cu.m.	10393.11
	3231.00	kg	Cement	6043.52	MT	19526.61
	3.50	Nos.	Mason II Class	804.00	Each	2814.00
	21.20	Nos.	Mazdoor I Class	562.00	Each	11914.40
	35.30	Nos.	Mazdoor II Class	461.00	Each	16273.30
			For Nilgiris 40 %			12400.68
			Total for 10 cu.m.			95476.32
						9547.63
			Add for vibration charges			81.30
			<b>Rate for 1 cu.m.</b>			<b>9628.93</b>
5	<b>Plastering with Cement Mortar 1:5</b> (One cement and Five sand), <b>12mm thick</b> in all floors including curing etc. complete complying with standard specification and as directed by the departmental officers.					
	0.14	cu.m.	Cement mortar 1:5	4194.31	cu.m.	587.20
	1.10	Nos.	Mason I Class	861.00	Each	947.10
	0.50	Nos.	Mazdoor I Class	562.00	Each	281.00
	1.10	Nos.	Mazdoor II Class	461.00	Each	507.10
			For Nilgiris 40 %			694.08
			For RF 20 %			347.04
			Total for 10 sq.m.			3363.52
			<b>Rate for 1 sq.m.</b>			<b>336.40</b>
6	<b>White washing two coats</b> with freshly burnt white shell lime in all floors including cost of lime, blue powder fevicol type gum, brushes, scaffolding charges, etc., complete complying with standard specification and as directed.					
	0.07	cu.m.	Fine screened shell lime	1297.00	cu.m.	90.79
	1.60	Nos.	Painter I Class	688.00	Each	1100.80
	0.50	Nos.	Mazdoor I Class	562.00	Each	281.00
	2.70	Nos.	Mazdoor II Class	461.00	Each	1244.70
			Nilgiris 40 %			1050.60
			For RF 20 %			525.30



		LS	Gum, conjee water or prickly pear juice including necessary firewood and brushes		LS	
			Rate for 100 sq.m.			4293.19
			<b>Rate for 1 sq.m.</b>			<b>42.95</b>
7	Supplying and painting the walls with two coats of <b>cement paint</b> over one coat of cement primer as instructed by the departmental officers including preparation of surface curing, etc., complete in all floors complying with standard specifications (The colour and shade of the cement paint shall be got approved by the Executive Engineer before use of work)					
			<b>For basic one coat of primer with cement paint</b>			
	10.00	sq.m.	Cleaning the plastered surface	4.00	sq.m.	40.00
	1.80	Kg	Cement Paint	48.95	Kg	88.11
	0.25	Nos.	Painter I Class	688.00	Each	172.00
	0.25	Nos.	Mazdoor I Class	562.00	Each	140.50
	0.40	Nos.	Mazdoor II Class	461.00	Each	184.40
		LS	Sundries for brushes, etc.		LS	4.41
			Rate for 10 sq.m.			629.42
			<b>Rate for 1 sq.m.</b>			<b>62.95</b>
			<b>For finishing two coats</b>			
	3.00	Kg	Cement Paint	48.95	Kg	146.85
	0.50	Nos.	Painter I Class	688.00	Each	344.00
	0.50	Nos.	Mazdoor I Class	562.00	Each	281.00
	0.80	Nos.	Mazdoor II Class	461.00	Each	368.80
		LS	Sundries for brushes, etc.		LS	15.60
			Rate per 10 sq.m.			1156.25
			<b>Rate per 1 sq.m.</b>			<b>115.65</b>
			<b>Main Data</b>			
	1.00	sq.m.	Basic one coat of primer with cement paint	62.95		62.95
	1.00	sq.m.	For finishing two coats with cement paint	115.65		115.65
			<b>Rate per 1 sq.m.</b>			<b>178.60</b>

  
**DISTRICT FOREST OFFICER**  
**NILGIRIS FOREST DIVISION,**  
**UDHAGAMANDALAM**  
 28/10/2021

# Abstract Estimate

Name of work : Providing chainlink fencing around proposed plantation area in Governor shola Range during 2021-22

Sl.No	Quantity		Description of item	Rate		Unit	Amount
				Rs	Ps		Rs.
1	13.72	m <sup>3</sup>	Earth work excavation in all soils and subsoils etc.,	237.44		m <sup>3</sup>	Rs. 3,258.00
2	13.72	m <sup>3</sup>	Plain Cement Concrete 1:3:6 mix etc.,	9457.16		m <sup>3</sup>	Rs. 1,29,752.00
3	9594.70	kg	Supplying, fabrication and erection of structural steels including all fittings with required bolts and nuts etc., complete	111.96		1kg	Rs. 10,74,223.00
4	1368.00	m <sup>2</sup>	Providing chainlink 2" x 2" etc.,	447.83		1m <sup>2</sup>	Rs. 6,12,631.00
5	459.31		Painting with new iron works etc.,	255.04			Rs. 1,17,142.00
							Rs. 19,37,006.00
6	L.S		Provisions for GST @ 12 %			L.S	Rs. 2,32,441.00
7	L.S		Provisions for TNLWF @ 1 %			L.S	Rs. 21,500.00
Total							Rs. 21,90,947.00
Round off							Rs. 21,91,000.00

(Rupees Twenty One Lakhs Ninety One Thousand only)

*Direct*  
**DISTRICT FOREST OFFICER**  
**NILGIRIS FOREST DIVISION,**  
**UDHAGAMANDALAM**  
*28/10/2021*  
**28.10.2021**

DETAILED ESTIMATE

Name of work : Providing chainlink fencing around plantation area in Governor shola Range during 2021-22

Sl.no	Description of work	Nos.			Length	Breadth	Depth	Quantity
						m	m	
1	2			3		5	6	7
1	Earth work excavation in all soils and subsoils etc.,							
	For post	1	x	254	0.30	0.30	0.60	13.72
								13.72 m <sup>3</sup>
2	Plain Cement Concrete 1:3:6 mix etc.,							
	For post	1	x	254	0.30	0.30	0.60	13.72
								13.72 m <sup>3</sup>
3	Supplying, fabrication and erection of structural steels including all fittings with required bolts and nuts etc., complete (As per steel code book IS 808 : 1989)							
	KG /M							
	50 mm x 50 mm x 6 mm angle for ties	1	x	254	2.40	@	4.50	2743.20
	40 mm x 40 mm x 3 mm angle for supports	2	x	84	3.05	@	1.80	922.32
	Hollow section tube 50 x 25 x 3.2 mm	2	x	1	760.00	@	3.24	4924.80
	Flat 35 x 6 mm	1	x	254	1.80	@	1.65	754.38
	Main Gate (4.00 m x 1.80 m)	1	x	1		@	250.00	250.00
								9594.70 kg
4	Providing chainlink 2" x 2" etc.,							
	fencing alround	1	x	1	760.00		1.80	1368.00
								1368.00 m <sup>2</sup>
5	Painting with new iron works etc.,							
	L. angle	1	x	254	0.22		1.80	100.58
	--do-- supports	2	x	84	0.22		3.05	112.73
	Square tube	2	x	1	760.00	0.15		228.00
	Gate 2	1	x	1	4.00	2.50	1.80	18.00
								459.31 m <sup>2</sup>
6	Provisions for GST @ 12 %							L.S
7	Provisions for TNLWF @ 1 %							L.S

  
**DISTRICT FOREST OFFICER**  
**WILGIRIS FOREST DIVISION,**  
**UDHAGAMANDALAM**  
 28/10/2021



# SUB DATA

SUB DATA					
1		Cement mortar 1:4			
	360	Kg	Cement	6,269.70	m t 2257.09
	1	cum	Sand for mortar	2,309.58	cum 2309.58
	1	cum	Mixing charges by manual	100.00	cum 100.00
		Add 20% for RF / Hills			
		Add 40% for Nilgiris			40.00
					Total 4706.67
2		Cement mortar 1:2			
	720	Kg	Cement	6,269.70	m t 4514.18
	1	cum	Sand for mortar	2,309.58	cum 2309.58
	1	cum	Mixing charges by manual	100.00	cum 100.00
		Add 20% for RF / Hills			
		Add 40% for Nilgiris			40.00
					Total 6963.76
3		Cement mortar 1:3			
	480	Kg	Cement	6,269.70	m t 3009.46
	1	cum	Sand for mortar	2,309.58	cum 2309.58
	1	cum	Mixing charges by manual	100.00	cum 100.00
		Add 20% for RF / Hills			
		Add 40% for Nilgiris			40.00
					Total 5459.04
4		Cement mortar 1:5			
	288.00	KG	Cement	6269.70	MT 1805.67
	1.00	cu.m.	Sand for mortar	2309.58	cu.m. 2309.58
	1.00	cu.m.	Mixing charges by manual	100.00	cu.m. 100.00
		Add 20% for RF / Hills			17.40
		Add 40% for Nilgiris			40.00

Rate for 1 cu.m.

**MAIN DATA**

1	1.00	m <sup>2</sup>	Clearing light jungle growth	5.05	cu.m.	5.05
			Add 20% Extra for RF			1.01
			Add 40% for Nilgiris			2.02
						8.08
2			Earth work excavation and depositing on bank within initial lead of 100 m			
			<b>Note:</b> The cost of earth work excavation shall be calculated based on			
	1.00	cu.m.	Earth work excavation in soil Item No of 50	148.40	cu.m.	148.40
			Add 40% for Nilgiris			59.36
			Add 20% Extra for Hills			29.68
			<b>Rate for 1 cu.m.</b>			<b>237.44</b>
3			Cement concrete 1:3:6 using graded mix of 40 mm & 20 mm size HBGS jelly @ 2:3 ratio for foundation including de-watering if found necessary and laid in layers of not more than 15 cm thick etc., complying with standard specifications as per SS 28			
	3.60	cum	Cost of 20 mm stone	2,461.58	cum	8861.69
	5.40	cum	Cost of 40 mm stone	2,058.58	cum	11116.33
	4.50	cum	Cement mortar 1:3	5,459.04	cum	24565.68
	1.80	nos	Mason II class	804.00	each	1447.20
	17.70	nos	Mazdoor category I	562.00	each	9947.40
	14.10	nos	Mazdoor category II	461.00	each	6500.10
			Add 20% for RF / Hills			24975.36
			Add 40% for Nilgiris			7157.88
					Total	94571.64
					<b>Rate Rs</b>	<b>9457.16</b>
4			Supply , fabrication and fixing in position of M.S steel structural works etc.,			
	1.00	kg	Cost of steel	52.06	kg	52.06
	1.00	kg	Labour charges	38.40	kg	38.40
			For Nilgiris 40 %			15.36
			Add 20 % for RF			6.14
					<b>Rate per 1 kg</b>	<b>111.96</b>
5			Providing chain link 2" x 2" using 10 guage (3mm) galvanised iron works etc.,			
	10	m <sup>2</sup>	Chain link 2" x 2"	158.70	cum	1587.00
	1	nos	Fitter 1st class	760.00	each	760.00
	1.1	nos	Mazdoor category I	562.00	each	618.20
	0.5	nos	Mazdoor category II	461.00	each	230.50
			Add 40% for Nilgiris			643.48



			Add 20% for RF /			639.14
					Total	4478.32
					Rate Rs	447.83
6			Priming coat for new iron work - 10 sq.m.			
	1.33	lit.	Red oxide primer	134.30	lit.	178.62
	0.7	Nos.	Painter I Class	615.00	Nos.	430.50
			For Nilgiris district 40 %			172.20
			For RF 20 %			121.82
			Sundries for brushes etc.,		LS	
						903.14
			Rate for 1 sq.m.			90.31
7	Painting new iron works such as steel doors, windows, ventilators, window bars,					
	2.22	Litre	Ready mixed enamel paint	223.20	Litre	495.50
	1.10	Nos.	Painter I Class	615.00	Each	676.50
		L.S.	Sundries for brushes, soap, putty etc.			4.90
			For Nilgiris district 40 %			270.60
			For RF 20 %			235.38
			Total for 10 sq.m.			1682.88
			Rate for 1 sq.m.			168.30
	1.00	sq.m.	One coat of red oxide primer	86.74	sq.m.	86.74
	1.00	sq.m.	Finishing two coats of synthetic enamel paint	168.30	sq.m.	168.30
			Rate for 1 sq.m.			255.04

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**DISTRICT FOREST OFFICER**  
**NILGIRIS FOREST DIVISION,**  
**UDHAGAMANDALAM**  
  
**28/10/2021**