

Estimate For Advance Work , Creation, Ten Year maintenance of QGS Plantation for Compensatory Afforestation

Unit - 1 Ha

Spacing = 2.50 m X 2.50 m

Species:- Akashmoni, Amlaki, Bahera, Haritaki, Piasal, Mahul, Jarul, Jam, Arjun, Red Chandan, Karanj
Piyal, Sidha, Kusum, Haldu, Asan, Champ, Neem, Bhelai, Dha, Gab, Setisal, Ashoke etc.

Akashmoni :- 70% Misc :- 30 %

Advance Work				
A. Nursery				
Sl. No.	Particulars of work	M.D	Rate	Amount
1	Cleaning levelling & dressing site	1.00		
2	Preparation of mother bed & pricking out bed	1.00		
3	Sowing seed in mother bed	1.00		
4	Filling up polythene tube with sand & Cowdung manure 1:1	10.00		
5	Making nursery shed with bamboo & thatch etc. complete	1.00		
6	Making fencing around the nursery	2.00		
7	Making nursery hut with bamboo & thatch	2.00		
8	Watering the seedling during March	4.00		
		22.00	224.00	4928.00
9	Price of nursery materials			
	a) Polypot (8"x 6")	2 kg	150	300.00
	b) Bamboo thatch etc.		L.S	200.00
	c) Insecticides		L.S	200.00
	d) Seeds		L.S	500.00
	e) Cowdung	4 m3	500.00	2000.00
	f) Sand	4 m3	300.00	1200.00
	g) Fencing materials			1700.00
				6100.00
B. Soil Work				
1	Survey demarcation & preparation of map	1		
2	Alignment staking of planting pit	1		
3	Digging planting pit of size 60 + 45/2 X 45 X 45 over 1 Ha.	32		
4	Making inspection path	1		
5	Alignment and Cutting of contour trench of size 0.45m x 0.45m x 5 mt, total 500m long per ha =101.25 m3 in staggered 101.25 m3 in staggered manner. 0.5 mt away one pit line and 2 mt away from another line for easy movement. Trench line to next trench line distance 10 mt	31		
		66	224.00	14784.00
6	Making cattle proof trench over 144 m3 per ha	144 m3	120.47	17347.68
C. Contingency				
1	Fertilizer etc			1840.32
	Total			45000.00



**Divisional Forest Officer
Birbhum Division**

Estimate For Advance Work , Creation, Ten Year maintenance of QGS Plantation for Compensatory Afforestation

Unit - 1 Ha

Spacing = 2.50 m X 2.50 m

Species:- Akashmoni,Amlaki,Bahera,Haritaki,Piasal,Mahul,Jarul,Jam,Arjun,Red Chandan,Karanj
Piyal,Sidha,Kusum,Haldu,Asan,Champ,Neem,Bhelai,Dha,Gab,Setisal,Ashoke etc.

Akashmoni :- 70% Misc :- 30 %

Creation Work				
Sl.No.	Particulars	Qty/MD	Rate	Amount
CREATION WORKS (PLANTATION)				
1	Hoing surrounding the boundary line including sowing of Akashmoni & Babla Seed	10		
2	Cleaning the plantation area before planting	15		
3	Pricking of seedlings	4		
4	Dibblings of seeds	3		
5	Weeding and cleaning	6		
6	Sorting and shifting	6		
7	Filling up planting pits including application of fertilizer	20		
8	Planting seedlings including carriage	20		
9	Vacancy filling including application of insecticides	4		
		88	224.00	19712.00
	Total			19712.00
ING WORKS				
10	Erection of barbed wire fencing 4 strands including cost of fencing materials and fixing all complete including RCC post			30000.00
	Total			30000.00
& OTHER WORKS				
11	1st time weeding cleaning & mulching with fertilizer	16		
12	2nd time weeding cleaning & mulching	14		
13	3rd time weeding cleaning & mulching	10		
14	Watch & Ward	24		
15	Fire protection	8		
16	Fire line cutting	16		
17	Irrigation facility	10		
		98	224	21952.00
16	Making Signboard etc.			1844.00
	Total			23796.00
Materials				
17	Supply of fertilizer,Vermicompost,Hormone			6492.00
	GRAND TOTAL			80000.00


Divisional Forest Officer
Birbhum Division

Estimate For Advance Work , Creation, Ten Year maintenance of QGS Plantation for Compensatory Afforestation

Unit - 1 Ha

Spacing = 2.50 m X 2.50 m

Species:- Akashmoni,Amlaki,Bahera,Haritaki,Piasal,Mahul,Jarul,Jam,Arjun,Red Chandan,Karanj
Piyal,Sidha,Kusum,Haldu,Asan,Champ,Neem,Bhelai,Dha,Gab,Setisal,Ashoke etc.

Akashmoni :- 70% Misc :- 30 %

1st YEAR MAINT WORKS		Wage Rate - 258.00		
Sl.No.	Particulars	Qty/MD	Rate	Amount
ING WORKS				
1	Infilling by taller seedlings	4		
2	1st time weeding cleaning & mulching with fertilizer	16		
3	2nd time weeding cleaning & mulching with fertilizer	14		
4	3rd time weeding cleaning & mulching with fertilizer	10		
5	Fire protection	4		
6	Fire line maintenance	10		
7	Repair of fencing	6		
8	Watch & Ward	24		
9	Irrigation facility	10		
		98	258.00	25284.00
10	Fencing materials etc.			1500.00
Materials				
11	Supply of fertilizer,Vermicompose,Hormone			4816.00
12	Price of seedlings including carriage	160 Nos	15	2400.00
TOTAL				34000.00

2nd YEAR MAINT WORKS		Wage Rate - 297.00		
Sl.No.	Particulars	Qty/MD	Rate	Amount
ING WORKS				
1	Infilling by taller seedlings	4		
2	1st time weeding cleaning & mulching with fertilizer	16		
3	2nd time weeding cleaning & mulching with fertilizer	14		
4	3rd time weeding cleaning & mulching with fertilizer	10		
5	Fire protection	4		
6	Fire line maintenance	10		
7	Repair of fencing	6		
8	Watch & Ward	24		
		88	297.00	26136.00
10	Fencing materials etc.			1500.00
Materials				
11	Supply of fertilizer,Vermicompose,Hormone			4814.00
12	Price of seedlings including carriage	80 Nos	15	1200.00
TOTAL				33650.00


 Divisional Forest Officer
 Birbhum Division

Estimate For Advance Work , Creation, Ten Year maintenance of QGS Plantation for Compensatory Afforestation

Unit - 1 Ha

Spacing = 2.50 m X 2.50 m

Species:- Akashmoni,Amlaki,Bahera,Haritaki,Piasal,Mahul,Jarul,Jam,Arjun,Red Chandan,Karanj
Piyal,Sidha,Kusum,Haldu,Asan,Champ,Neem,Bhelai,Dha,Gab,Setisal,Ashoke etc.

Akashmoni :- 70% Misc :- 30 %

3rd YEAR MAINT WORKS		Wage Rate - 342.00		
Sl.No.	Particulars	Qty/MD	Rate	Amount
ING WORKS				
1	1st time weeding cleaning & mulching with fertilizer	16		
2	2nd time weeding cleaning & mulching with fertilizer	14		
3	3rd time weeding cleaning & mulching	10		
4	Fire protection	4		
5	Fire line maintenance	10		
6	Repair of fencing	6		
7	Watch & Ward	24		
		84	342.00	28728.00
8	Fencing materials etc.			1500.00
Materials				
9	Supply of fertilizer,Vermicompose,Hormone			2772.00
TOTAL				33000.00

4th YEAR MAINT WORKS		Wage Rate - 393.00		
Sl.No.	Particulars	Qty/MD	Rate	Amount
ING WORKS				
1	1st time weeding cleaning & mulching	16		
2	2nd time weeding cleaning & mulching	14		
3	Fire protection	4		
4	Fire line maintenance	10		
5	Repair of fencing	6		
6	Watch & Ward	24		
		74	393.00	29082.00
7	Fencing materials etc.			1918.00
TOTAL				31000.00

5th YEAR MAINT WORKS		Wage Rate - 452.00		
Sl.No.	Particulars	Qty/MD	Rate	Amount
ING WORKS				
1	1st time weeding cleaning & mulching with fertilizer	12		
2	2nd time weeding cleaning & mulching with fertilizer	10		
3	Fire protection	4		
4	Fire line maintenance	10		
5	Repair of fencing	6		
6	Watch & Ward	24		
		66	452.00	29832.00
7	Fencing materials etc.			2168.00
TOTAL				32000.00


Divisional Forest Officer
Birbhum Division

Estimate For Advance Work , Creation, Ten Year maintenance of QGS Plantation for Compensatory Afforestation

Unit - 1 Ha

Spacing = 2.50 m X 2.50 m

Species:- Akashmoni,Amlaki,Bahera,Haritaki,Piasal,Mahul,Jarul,Jam,Arjun,Red Chandan,Karanj
Piyal,Sidha,Kusum,Haldu,Asan,Champ,Neem,Bhelai,Dha,Gab,Setisal,Ashoke etc.

Akashmoni :- 70% Misc :- 30 %

6th YEAR MAINT WORKS		Wage Rate - 520.00		
Sl.No.	Particulars	Qty/MD	Rate	Amount
ING WORKS				
1	1st time weeding cleaning & mulching with fertilizer	16		
2	Fire protection	4		
3	Fire line maintenance	10		
4	Repair of fencing	6		
5	Watch & Ward	24		
		60	520.00	31200.00
6	Fencing materials etc.			1800.00
TOTAL				33000.00

7th YEAR MAINT WORKS		Wage Rate - 598.00		
Sl.No.	Particulars	Qty/MD	Rate	Amount
ING WORKS				
1	1st time weeding cleaning & mulching with fertilizer	16		
2	Fire protection	4		
3	Fire line maintenance	10		
4	Repair of fencing	6		
5	Watch & Ward	24		
		60	598.00	35880.00
6	Fencing materials etc.			2120.00
TOTAL				38000.00

8th YEAR MAINT WORKS		Wage Rate - 688.00		
Sl.No.	Particulars	Qty/MD	Rate	Amount
ING WORKS				
1	1st time weeding cleaning & mulching with fertilizer	16		
2	Fire protection	4		
3	Fire line maintenance	10		
4	Repair of fencing	6		
5	Watch & Ward	24		
		60	688.00	41280.00
6	Fencing materials etc.			2120.00
TOTAL				43400.00


Divisional Forest Officer
Birbhum Division

Estimate For Advance Work , Creation, Ten Year maintenance of QGS Plantation for Compensatory Afforestation

Unit - 1 Ha

Spacing = 2.50 m X 2.50 m

Species:- Akashmoni,Amlaki,Bahera,Haritaki,Piasal,Mahul,Jarul,Jam,Arjun,Red Chandan,Karanj
Piyal,Sidha,Kusum,Haldu,Asan,Champ,Neem,Bhelai,Dha,Gab,Setisal,Ashoke etc.

Akashmoni :- 70% Misc :- 30 %

9th YEAR MAINT WORKS		Wage Rate - 791.00		
Sl.No.	Particulars	Qty/MD	Rate	Amount
ING WORKS				
1	1st time weeding cleaning & mulching with fertilizer	16		
2	Fire protection	4		
3	Fire line maintenance	10		
4	Repair of fencing	6		
5	Watch & Ward	24		
		60	791.00	47460.00
6	Fencing materials etc.			2140.00
TOTAL				49600.00

10th YEAR MAINT WORKS		Wage Rate - 910.00		
Sl.No.	Particulars	Qty/MD	Rate	Amount
ING WORKS				
1	1st time weeding cleaning & mulching with fertilizer	16		
2	Fire protection	4		
3	Fire line maintenance	10		
4	Repair of fencing	6		
5	Watch & Ward	24		
		60	910.00	54600.00
6	Fencing materials etc.			2140.00
TOTAL				56740.00
Grand Total Per Ha				509390.00
Grand Total for 28.20 Ha @ 509390.00				14364798.00

(Rupees One Crore forty three lakh sixty four thousand seven hundred ninety eight only)


Divisional Forest Officer
Birbhum Division