

ESTIMATE FOR CREATION OF AVENUE PLANTATION WITH BAMBOO BASKET

(in lieu of diversion of 0.798ha. of forest land for construction of road from Khaniserbong to Kamling (km 13th to 19th) in Soreng, West Sikkim by
SPWD, Roads and Bridges Department, Govt. of Sikkim.

Location - Chakung-Khaniserbong SPWD road

1 km

GPS coordinates N-27°9'8.82", E-88°14'31.62"

N-27°8'57.24", E-88°15'56.56"

Location - Chakung-Khaniserbung SPWD Road					2 km				
GPS coordinates N-27°9'8.82", E-88°14'31.62" N-27°8'57.24", E-88°15'56.56"					Actual Requirement		Rate	Amount	
Sl. No.	Items of work	Qty	Mandays		Unit	Mandays	Material s	LA	LA
1	Site clearance, removal of brush wood, stumps wherever necessary in plantation locations including digging of planting pits of 30 x 30cm at mtr apart	500	30	nos/days	Mandays	16.67	0	200	3,333
2	Cost of nursery raised seedlings in poly bags	500	0		nos.	-	500	7.5	3,750
3	Carriage of seedlings from nearest nursery site to road head side	500	120	nos/days	Mandays	4.17	0	200	833
4	Carriage of seedlings from road head site to work site by mechanical transport	1	0		Trip	-	1	1680	1,680
5	Headload carriage of polybag seedling from unloading site to the planting site (within 100mtr. Radius)	500	200	nos/days	Mandays	2.50	0	200	500
6	Cost of cow dung manure @ 4 pits per doko/ bag	125			bags	-	125	35	4,375
7	Head load carriage of cow dung manure	125	30	nos/days	Mandays	4.17	0	200	833
8	Digging of pits of size as per the work-in-charge	500	50	nos/days	Mandays	10.00	0	200	2,000
9	Mixing of manure with soil in planting pits	500	50		Mandays	10.00	0	200	2,000
10	Cost of bamboo (Malibans) for preparation of baskets (one bamboo for two baskets)	250			nos.	-	250	80	20,000
11	Transportation of bamboo from source to work site i/e, loading/unloading and headload carriage etc. all comp.	250			Trip	-	2	3000	6,000
12	Preparation of bamboo basket treeguard for protection of planted seedlings from grazing	500	24	nos/days	Mandays	20.83	0	200	4,167

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13	Planting of seedlings and refilling of pits with manure mixed with soil	500	80	nos/days	nos.	6.25	0	200	1,250
14	Erection and fixing of bamboo basket around the planted seedlings as per the direction	500	30	nos/days	Mandays	16.67	0	200	3,333
	(a) 1st weeding, casualty beating and mulching during July, August, September	500	40	nos/days	Mandays	12.50	0	200	2,500
	(b) 2nd weeding in October, November	500	80	nos/days	Mandays	6.25	0	200	1,250
	Sub Total ©				(A)	110.00	0	(B)	57,805
	Add: Labour overhead (to meet up the expd) for paid holidays @ 16.67% on (A)					16.67	0	200	3,334
	Add: Tools, Implements & signboards etc. @ 2% on (B)								1,156
	Sub Total				(B)				62,295
	Add: Labour Cess 1% on ©								623
	Total								62,918
15	2nd year maintenance							3326	3,326
16	3rd year maintenance							2676	2,676
	Grand Total								68,920

Rupees (Sixty eight thousand nine hundred twenty) only.

Assistant Conservator of Forests
West Territorial Division
Gyalshing, West Sikkim

ACF (D)
WEST

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