

KERALA FOREST DEPARTMENT
KOTTAYAM DIVISION
CA SCHEME DETAILS
IN LIEU OF
DIVERSION FOR
MULLAPERIYAR POLICE STATION

**N.RAJESH IFS
Divisional Forest Officer
Kottayam**



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SITE SUITABILITY CERTIFICATE

This is to certify that 1.00 Ha of land in Survey No. 441 at Peermedu Village of Peermedu Taluk is a degraded forest area and is suitable for planting 1000 seedlings/ hectare for compensatory afforestation.

Date: 15.02.2022



**Divisional Forest Officer
Kottayam**

KERALA FOREST DEPARTMENT

KOTTAYAM DIVISION

ERUMELY RANGE

Estimate for the cost of raising Compensatory Afforestation plantation at Kallar in Murinjapuzha Forest Station in Erumely Range

Area 0.5 Ha

Area Classification

Ordinary MM

Difficult area

Sl No	FSR Item No.	Qty	Particulars	Rate	Unit	Amount
1	1	1.0	Clearing Boundary line to a width of 1.5 m to facilitate survey (3.105 USW)	2660.99	Km	2660.99
2	2	1.0	Surveying with prismatic compass	2660.99	KM	2660.99
3	PWD 784	20.0	Providing and fixing 60*20*20 cm boundary stone of hard stone with top 30cm chisel dressed on all four sided including top (cost of excavation , refilling and concrete etc, to be paid for seperately)	58.42	Nos	1168.40
4		LS	Transporting charges of boundary stone	LS	LS	2500.00
5	107(a)	0.5	Slash felling (49.26 USW)	42352.94	Ha	21176.47
6	110 (b)	0.5	Heaping & burning where elephant power is not available (29.652 USW)	25411.76	Ha	12705.88
7	87	500.0	Collection of 60 cm Bamboo, reed or Wooden stakes of aligning and staking (2USW)	1714	1000	857.00
8	87(a)	500.0	Transportation of Bamboo Stakes up to a lead of 3km(1 USW)	857	1000	428.50
9	GO(Rt.)1081/88c	0.5	Aligning and staking 2mx2m(2.469 SSW+4.938 USW)	6348	1Ha	3174.00
10	Circular No.3/2018 (WP-1968/09dated 29.10.2010)	500.0	Making platform of size 6cmx60cmx60cmwith 30 cm depth in inward slopes (2 USW)	1714	100	42850.00
11	GO(P) 65/2019 LBR dtd.18.07.2019	500.0	Digging pits of size 30x30x30 cm in Hard soil before raining (2.5641 USW)	2197.43	100 pits	10987.15

12		500.0	Cost of Seedlings/raising nursery	LS	No.	50000.00
13		1000.0	Transportation charge	LS		10000.00
14	GO(Rt.)1081/88 (c)	500.0	Covering pits, digging planting holes and planting seedling (0.2350+ 0.4104USW)	557.05	100	2785.25
15	92	0.5	First Year 1st weeding (May, June) Mammatty Weeding (29.625 USW)	25388.625	Ha	12694.31
16	91 (B)	0.5	Replacing casualty using poly bag/root trainer seedling (1.235USW)	1058.395	Ha	529.20
17			Cost of Fertilizer (90%)	LS		12000.00
18	134	500.0	Applicaition of manure (1USW)	857	75	5713.33
19	93	0.5	First year II nd weeding (14.826 USW)	12705.88	Ha	6352.94
20	94	0.5	First year III nd weeding (9.884 USW)	8470.59	Ha	4235.30
21	GO(P) 65/2019 LBR dtd.18.07.2019	1.0	(i) clearing fire line to a width of 5.2 m (20 USW)	34280	Km	34280.00
22		1.00	(ii) Fire tracing (20 USW)			
23	LS	0.88	Fencing	30000		26400.00
24	LS	2.0	Cost of erection of Plantation Board	1000	1000	2000.00
25	GO(P) 81/2019 Fin dt. 09.07.2019	300.0	Protection mazdoor	675	Nos	202500.00
26		191.44	VDA	110		21058.40
Sub Total						491718
CP 10%						49172
Contingency						110
Grand Total						541000


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**Financial forecast of Compensatory afforestation at Kallar in
Murinjapuzha Forest Station**

Abstract

Raising & 1st Year Maintenance	541000
Soil Moisture conservation structures	19000
Sub Total	560000
2nd Year Maintenance	200000
3 to 10 years	1600000
Grand Total (Rupees Twenty Three Lakhs Sixty Thousand only)	2360000

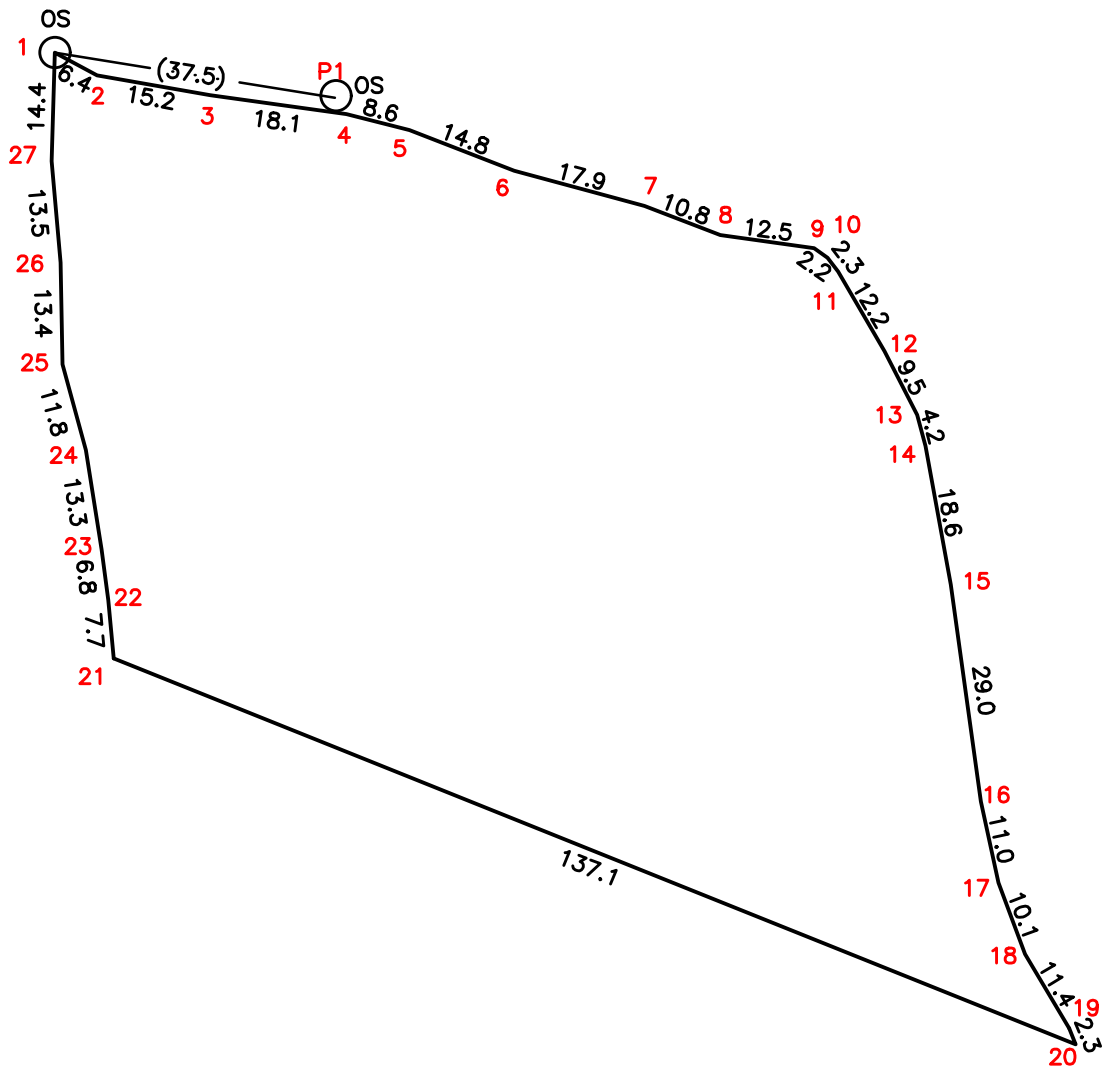

Divisional Forest Officer
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District:Idukki
Taluk :Peerumedu
Village:Peerumedu

Survey Number :441 Pt

Division:Kottaym
Range :Erumely
Station :Murinjapuzha

Area :1.000H (2.47Acre)



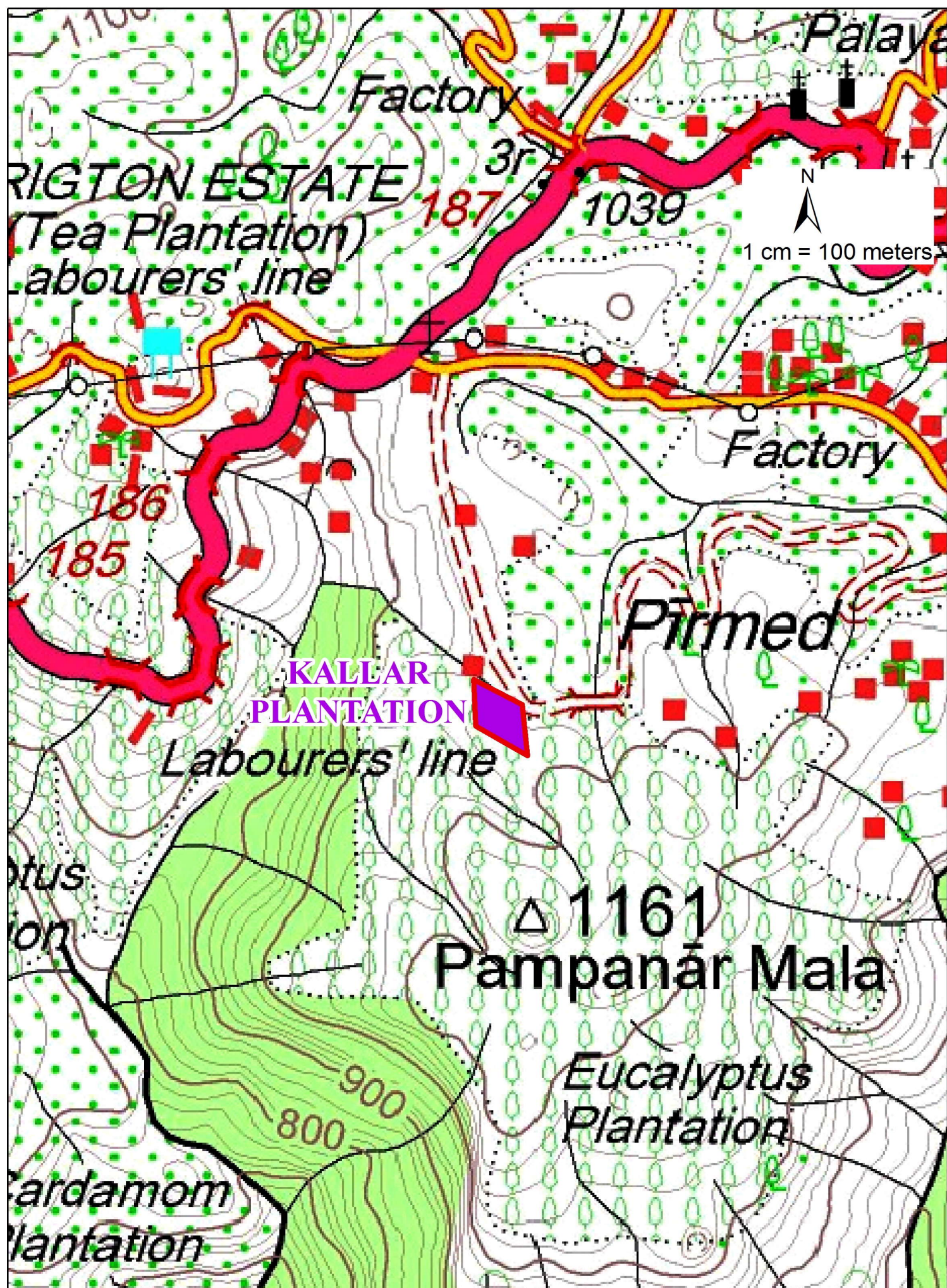
SL NO	EASTING	NORTHING
1	5000.000	5000.000
2	5005.611	4997.003
3	5020.603	4994.344
4	5038.560	4991.857
5	5046.906	4989.744
6	5060.736	4984.362
7	5077.973	4979.715
8	5088.020	4975.842
9	5100.411	4974.109
10	5102.203	4972.857
11	5103.608	4971.021
12	5109.736	4960.503
13	5114.039	4952.061
14	5115.167	4947.976
15	5118.485	4929.634
16	5122.499	4900.926
17	5124.812	4890.171
18	5128.328	4880.743
19	5134.180	4870.927
20	5135.021	4868.786
21	5007.792	4919.868
22	5007.070	4927.544
23	5006.175	4934.293
24	5004.103	4947.403
25	5001.031	4958.773
26	5000.763	4972.217
27	4999.578	4985.649
P1	5037.032	4994.031

Scale : 1cm=10m

CA Area at Kallar, Erumely Range



**KALLAR PLANTATION MARKED ON
TOPOSHEET NO: 58G2**



GPS READING OF KALLAR PLANTATION- MODEL

SI NO	NORTH	EAST
1	N 09 ⁰ 34' 06.05"	E 77 ⁰ 00' 47.05"
2	N 09 ⁰ 34' 06.04"	E 77 ⁰ 00' 48.07"
3	N 09 ⁰ 34' 05.42"	E 77 ⁰ 00' 49.15"
4	N 09 ⁰ 34' 05.09"	E 77 ⁰ 00' 50.04"
5	N 09 ⁰ 34' 04.28"	E 77 ⁰ 00' 50.95"
6	N 09 ⁰ 34' 01.91"	E 77 ⁰ 00' 50.92"
7	N 09 ⁰ 34' 00.77"	E 77 ⁰ 00' 51.06"
8	N 09 ⁰ 34' 00.16"	E 77 ⁰ 00' 51.05"
9	N 09 ⁰ 34' 00.74"	E 77 ⁰ 00' 50.29"
10	N 09 ⁰ 34' 01.58"	E 77 ⁰ 00' 49 .62"
11	N 09 ⁰ 34' 02.56"	E 77 ⁰ 00' 48.64"
12	N 09 ⁰ 34' 03.25"	E 77 ⁰ 00' 47.85"
13	N 09 ⁰ 34' 03.72"	E 77 ⁰ 00' 47.18"
14	N 09 ⁰ 34' 04.70"	E 77 ⁰ 00' 47.21"
15	N 09 ⁰ 34' 05.41"	E 77 ⁰ 00' 47.45"