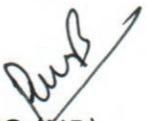


0.132

Abstract

Name of work: Raising Compensatory Afforestation plantation total 0.132 ha for Diversion of 0.066 ha for Reserved Forest Land for Construction of approach road from Rudana Maragpada to Samsan in the U.T. of Dadra and Nagar Haveli, Survey No. 59 Village : Ambabani Area=0.132

Sr no	Particulars of Items	Amount
01	Nursery Cost	8026/-
02	Formation Cost	7938/-
03	Maintenance of plantation for 10 years & Chainlink Fencing work	80255/-
	Total..... ₹	96219/-


RFO (NR)


Assistant Conservator of Forest (HQ)
Dadra & Nagar Haveli
Silvassa


Deputy Conservator of Forest (T)
Dadra & Nagar Haveli
Silvassa

135

NORMS FOR RAISING OF NURSERY
(In Terms of Mandays)
For 10,000 Seedlings
Size of Polythene Bags 20cm x 30 cm
for 1 year

Sr. No.	Particular	Quantity	Value in Rs.	M.D.	Rate per Mandays	Amount
1	Labor Charges for cleaning of the site and erection Chainlink fencing	Departmental Chainlink & Poles		30	310.4	9312.00
2	Collection of quality Earth	12.70 Cu. Mtr	2032.00	131.94	310.4	40954.18
3	Collection of Manure	12.70 Cu. Mtr	5080.00			
4	Collection of Sand	12.70 Cu. Mtr	5080.00			
5	Mixing of all above three ingredient after pulverizing			22	310.4	6828.80
6	Filling of the polythene bags			78	310.4	24211.20
7	Preparation of beds with wooden materials shifting and arrangement of polythene bags.			24	310.4	7449.60
8	Collection of seeds and sowing			6	310.4	1862.40
9	Watering for 150 days and weeding works. Feb-June			300	310.4	93120.00
10	Weeding and application of pesticide including rearranging as per requirment for 5 months July-Nov.			200	310.4	62080.00
11	Shifting of 10000 polythene bags and rearranging for 5 Months and transplanting June to Nov.			24	310.4	7449.60
12	Watering weeding and rearranging works from December - June next Season 7 months			400	310.4	124160.00
13	Polythene bag size 20x30 C.m/250 to 200 Guage (150 No/kg) 10.66 Kg for 1600 bags 130 per kg pb			8.3	310.4	2576.32
14	Cost of Fungicide and pesticides and other medicines	lump sum Rs. 500/-		5.41	310.4	1679.26
Total				1229.7		381683.36

10000 Seedlings :- 381683.36

1 Seedling : - 35.35 38.00

Cost per seedlings = 1600 X ₹:- 38 = 60800/- % 310.40

Cost per 0.132 Hect = 60800 X 0.132 = 8026/-

RFO(NR)

ACF(HQ)

DCF(T)

C/33

Formation Cost for Raising Plantation in 1 hect. for 1600 seedling per Hect.

Sr. No.	Particulars	Rate per Mandays	310.40
		1600 Seedling M.D.	Amount
1	Site Cleaning	16	4966.40
2	Alignment	3.52	1092.61
3	A) Pit Digging (45cm x 45cm x 45cm)	59.2	18375.68
4	Transportation plantation (12cm x 25cm x polythene bag)	27.2	8442.88
5	Weeding		
	A) 1st Weeding	20	6208.00
	B) 2nd Weeding	16.8	5214.72
	C) 3rd Weeding	16	4966.40
6	Application & Fertilizer	2.4	744.96
7	Watch & Ward	15	4656.00
Total		176.12	54667.65
8	Any other operation		
9	Misc. 10% Contigent of (Above all)	17.612	5466.76
Grand Total		193.732	60134.41

Formation Cost for 1 Hect Plantation = 60134/-

Formation Cost for 0.132 Hect = 60134 X 0.132 = 7938/-

RFO (NR)

ACF(HQ)

DCF(T)

Abstract

Compensatory Afforestation plantation

A) Plantation

Sr No.	Particulars of work	Year of implementation	Plantation			Nursery			Total Amount	Remarks
			MD	Rate per Mandas Considering 10%	Amount	MD	Rate per Mandas Considering 10%	Amount		
1	I st year Maintenance	2018-19	178.42	310.40	55382	39.35	310.40	12214	67596	Mandays & Rupees decimal converted to round off
2	II nd year Maintenance	2019-20	95.35	341.44	32556	29.51	341.44	10076	42632	
3	III rd year Maintenance	2020-21	90.156	375.58	33861	19.68	375.58	7391	41252	
4	IV th year Maintenance	2021-22	84.964	413.14	35102	0		0	35102	
5	V th year Maintenance	2022-23	84.964	454.45	38612	0		0	38612	
6	VI th year Maintenance	2023-24	84.964	499.90	42474	0		0	42474	
7	VII th year Maintenance	2024-25	84.964	549.89	46721	0		0	46721	
8	VIII th year	2025-26	49.5	604.88	29942	0		0	29942	
9	IX th year Maintenance	2026-27	49.5	665.37	32936	0		0	32936	
10	X th year Maintenance	2027-28	49.5	731.91	36230	0		0	36230	
	Total Amount ...		852.3		383814	88.54		29682	413497	
B	Chainlink Fencing work Average per 1 Hect 400 Rmt					400		486.24	194496	Rate Analysis & Rates of S.O.R of taken from Estimate
						Grand Total			607993	

Maintenance Cost for 10 Year for 1 Hect Plantaion 607993

Maintenance Cost for 0.132 Year for 0.132 Hect Plantaion 607993 X 0.132 =

80,255/-

RFO(NR)

ACF(HQ)

DCF(T)

ABSTRACT SHEET OF ESTIMATE

Name of work: Providing Chainlink Fencing (Cost for 1:00 Km/1000 Rmt) to P.F.Boundary

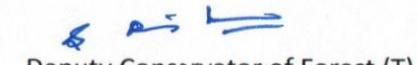
Sr No	Description of items	Qty	Unit	Rate	Rate with 1% Labour cess	Amount	GSR-2015-16 Valsad Reference
01	Providing <u>EARTHWORK IN EXCATION</u> by mechanical means (Hydraulic Excavator) Manual means over areas (Exceeding 30 cms in depth 1.5 meters in width as well as 10 sq mtr on plan including disposal of excavated earth lead up to 50 meters and lift up to 1.5 mtr disposed earth to be leveled and neatly dressed in All kinds of soil	50.00 Cu .m.	One Cubic Meter	122.00	123.22	6161.00	GSR Sr No 01 Code 04B001A
02	Providing and fixing G.I Chainlink fencing including material & labour with chainlink of size 150 mm x 150mm x 4mm (8G) wire & 1.50m wide with R.C.C. pole (10cm x 10cm) & 2.00m long/height provided at 2.50m CC distance including fixing of 'J' hooks (6 nos) in each pole complete) Excavation for pit & C.C to be paid scparately) 1x1000.00x1.50=1500.00 Sq.m	1500.00 Sq.m	One Sq m	301.60	304.616	456924.00	Rate Analysis
Certificate : - This is to certify that the rates adopted in the estimates are from GSR for the Year 2015-16 and rate analysis for consolidated items prepared based on the same GSR-2015-16 (Valsad)		Total ₹				463085.00	
		Add 5 % Contingencies ₹				23154.25	
		Total..... ₹				486239.25	
		Say..... ₹				486239.00	

(Cost for 1 Hect = Average 400 Rmt X 486.24 = 194496/-)


Junior Engineer (FD)


RFO (NR)


Assistant Conservator of Forest (T)
Dadra & Nagar Haveli
Silvassa


Deputy Conservator of Forest (T)
Dadra & Nagar Haveli
Silvassa

DGPS Map of Forest Land Proposed for Compensatory Afforestation



Location : Dadra Nager Haveli

Village : Ambabari

Survey Number : 59

AREA: 0.14 H.A



GPS Reading :

1. 73°08'40.78"E 20°09'39.05"N

2. 73°08'33.82"E 20°09'39.01"N

3. 73°08'33.59"E 20°09'38.20"N

4. 73°08'31.68"E 20°09'38.54"N

Prepared By :

Blomica
Surveyor (D.M.)

(Name and Signature)

Forest Department

Counter Signed By :

R.F.C.
R F C (N.R)

(Name and Signature)

[Signature]
ACF (T)

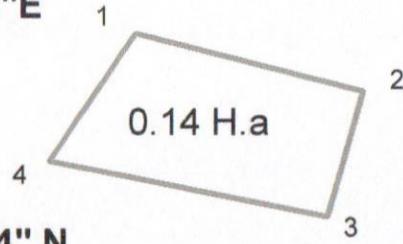
(Name and Signature)

Georeference Map of Forest Land Proposed for Compensatory Afforestation



1:1,512

20°09'39.05" N
73°08'40.78" E

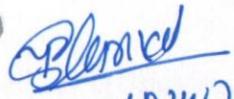


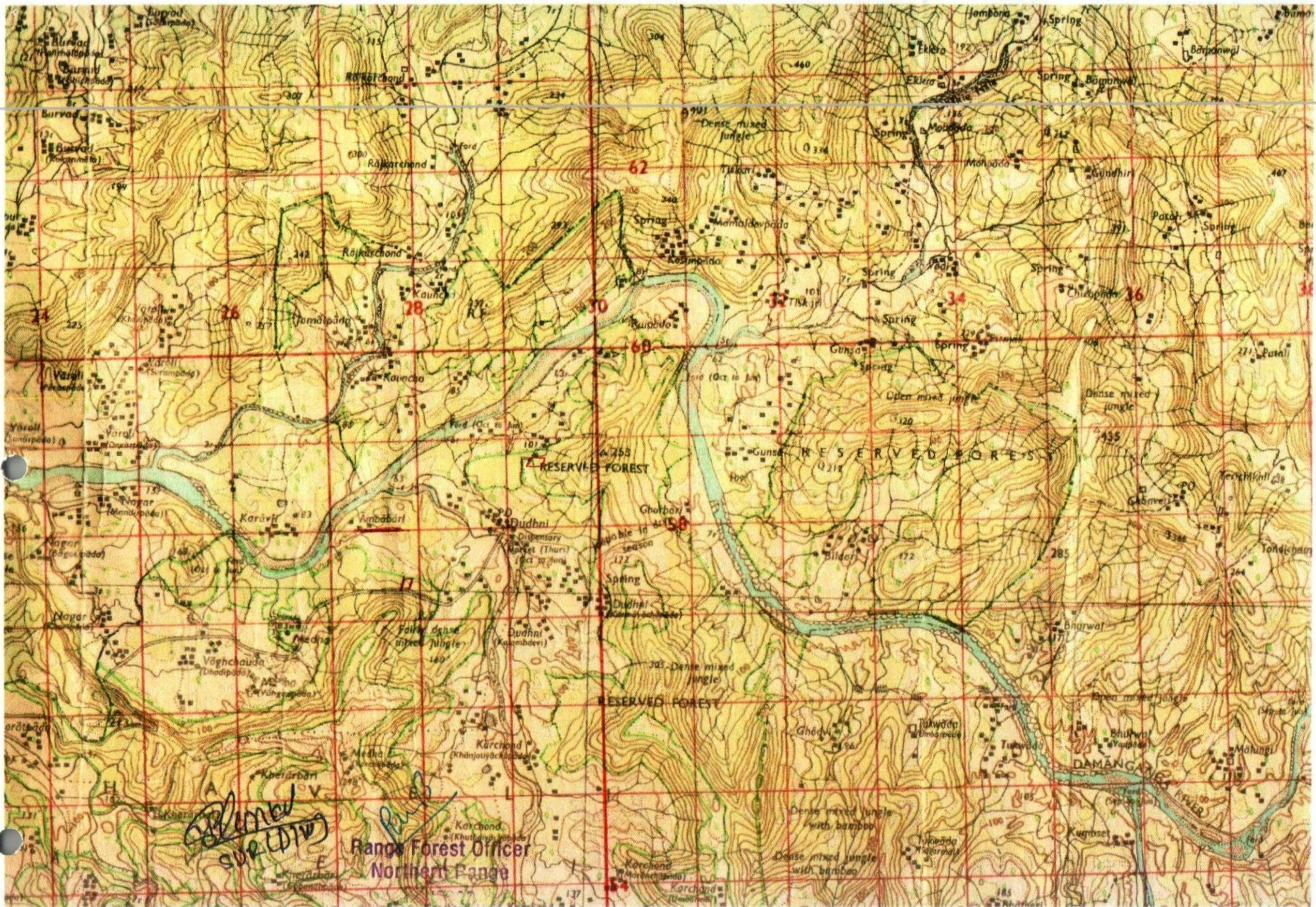
20°09'39.01" N
73°08'33.82" E

20°09'38.54" N
73°08'31.68" E

20°09'38.20" N
73°08'33.59" E


Range Forest Officer
Northern Range
Silvassa


SDR(D/W)
Forest Dept.



S. K. S. S. S.
SUP. DIV.

Range Forest Officer
Northern Range