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Full Title of the Projects:- Diversion of 0.060216 ha of forest land permission for passage to Cattle Breeding Farm at Vill: Rouni on Patiala-Nabha road Km 9-10 L/S Jahlan Distributory RD Nabha road to Railway line (0-1) R/S under forest Division Patiala, Punjab.

	ESTIMATED COST PER HA. FOR PLA		JALINE A		
	A second				abour Rate :321/-
	COMPONENTS	OTV	LINUTG	1	Plants/Ha.:1000
Α.	NURSERY	QTY	UNITS	UNIT/COST	TOTAL COST
	Nsy. cost including 10% failure				
<u>B.</u>	SOIL WORKING	1100	No.	13.68	15047.88
1	Site Clearnace				
=	i) Jungle Clearance				
	ii) Ploughing (Twice)	0.25	Ha.	5250.64	1312.66
2	Alignment & Dag bailing	2	На.	5814.99	11629.98
3	EARTH WORK	1	Ha.	1599.25	1599.25
	Channels 2500m x .5m x .30 m	-			
	Pasels 400 m x .5 m x .4 m				
	M.Khal 100 m x .1m x .5 m	300	l les	1000	
	Slots 1000 m x .1m x .5 m	605			
	(1000 augur holes manually or	605	cum.	98.8427	59799.83
	tractor driven wherever required as				
	per site conditions)	1 100			
	Total Cost on advance work				
<u>C.</u>	PLANTATION				89389.59
1	Loading & unloading (plants)	1100	-		
	Carriage of plants(average lead 10	1100	No.	0.38	417.65
2	km.)	1100	No.	1.91	2100.88
3	i) Planting	1000	No		
	ii) Carriage of plants from site to	1000	No.	3.45	3451.61
	site	1000	No.	0.12	115.05
	iii) Refilling of Pits	1000	No.	0.99	989.46
4	Application of Gypsum	1000	No.	0.38	
5	Application of FYM	1000	No.		379.68
6	Application of insecticides to Plants	1000	No.	0.38	379.68
	Spot irrigation	1000	No.	0.38	379.68
	Managa Want	1000	IVO.	2.86	2864.84
<u>D.</u>	MAINTENANCE				
1	Application of fertilizer (Twice)	2000	- N-	0.00	
1115		2000	No.	0.38	759.35
2	Replacement of failure including reopening of slots 10%	100	No.	9.31	020.70
				5.51	930.78
3	Weeding & hoeing 3 times	3000	No.	3.45	10354.84
4	Flow irrigation 10 times	10	На.	639.51	6395.15
7	Watch & ward one labourer for		La caracteristics		0333.13
	each 10 Ha. of Plantation				8346.00
8	Harrowing twice between line	2	На.	3197.57	6395.15
9	Clearnace of trenches, pasels &	6000			
	khals(twice)	0000	M	1.90	11390.32

Full Title of the Projects:- Diversion of 0.060216 ha of forest land permission for passage to Cattle Breeding Farm at Vill: Rouni on Patiala-Nabha road Km 9-10 L/S Jahlan Distributory RD Nabha road to Railway line (0-1) R/S under forest Division Patiala,

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unjab					
10	Covering (50% Plants)	500	No.	2.86	1432.42
11	Un-covering	500	No.	0.31	155.32
<u>E.</u>	MATERIAL				0.00
2	Insecticides	5	Lts.	614.90	3074.52
3	Fertilizers	100	Kg.	9.83	982.56
4	Gypsum including carriage	50	Qtl.	209.06	10453.21
5	FYM	50	Qtl.	98.37	4918.55
	PSIC FERNICAL PARTY	Total 1	Year-		76666.71
	FIRST MAINTENANCE OF PLA	NOITATION			
Α.	NURSERY				
	Nsy. cost including 20% failure	200	No.	13.68	2735.98
<u>B</u>	PLANTATION				
		-		6.22	75.04
1	Loading/unloading of plants	200	No.	0.38	75.94
2	Carriage of plants	200	No.	1.91	381.98
3	Replanting including reopening of slots & carriage from site to site	200	No.	6.48	1295.51
4	Spot irrigation	200	No.	2.86	572.97
<u>C.</u>	MAINTENANCE		1-140	- 11/1/4	
1	Weeding & hoeing 3 times	3000	No.	3.45	10354.84
2	Flow irrigation 4 times	4	На.	639.51	2558.06
3	Application of fertilizer 3 times	3000	No.	0.38	1139.03
5	Harrowing twice between line	2	На.	3197.57	6395.15
6	Clearnace of trenches	3000	M	1.91	5729.68
7	Watch & Ward				8346.00
		Total	II Year		39585.12
	SECOND MAINTENANCE OF	PLANTAT	ION		- English &
1	Flow irrigation	3	На.	639.51	1918.54
2	Weeding (Twice)	2000	No.	3.45	6903.23
	Clearance of trenches, pasels & khals	3000	М	1.91	5729.68
5	Watch & Ward				8346.00
	9-4-164 784	Total	III Year	Baldman	22897.45
	THIRD MAINTENANCE OF P	LANTATIO	N	I E E IGNETINE	
1	Flow irrigation (twice)	2	На.	639.51	1279.03
3	Watch & Ward		12		8346.00
		Idi.			9625.03
	FOURTH MAINTENANCE OF	PLANTAT	ION	77 J. 1965	Denie I
1	Flow irrigation (twice)	2	На.	639.51	1279.03
3	Watch & Ward	8 1 4			8346.00
3	waten & ward		,		9625.03
	FIFTH MAINTENANCE OF P	LANTATIO	N		
1	Flow irrigation (twice)	2	Ha.	639.51	1279.03

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Fencing (Overhead	gation (twice)	TO T	TAL DE, Misc. G.Total	639.51 (352898 1000	1279.03 8346.00 9625.03 305539.11 15276.96 320816.07 32081.61 352897.67
Watch & Fencing (gation (twice) Ward (5% of plantation cost) d charges(10% of plantation	TO TO Cost) POL, (TAL TAL DE, Misc. G.Total		8346.00 9625.03 305539.11 15276.96 320816.07 32081.61
Watch &	gation (twice) Ward (5% of plantation cost)	70°	ΓAL	639.51	8346.00 9625.03 305539.11 15276.96 320816.07
Watch &	gation (twice) Ward (5% of plantation cost)	70°	ΓAL	639.51	8346.00 9625.03 305539.11 15276.96
Watch &	gation (twice) ι Ward	Z TO	ΓAL	639.51	8346.00 9625.03 305539.11
Watch &	gation (twice) ι Ward	2		639.51	8346.00 9625.03
-	gation (twice)	2		639.51	8346.00 9625.03
-	gation (twice)		На.	639.51	
-	gation (twice)		На.	639.51	1279.03
Flow in:					
		ANITATION			
	104- 844-817				9625.03
Watch 8	k Ward				8346.00
		2	Ha.	639.51	1279.03
		ANTATION	filmostal	THURST AND	
				muE JES	9625.03
Watch 8	& Ward		1 1 4		8346.00
		2	На.	639.51	1279.03
		ANTATION			
	and the in the two makes and		and your second		9625.03
Watch 8	& Ward				8346.00
	The state of the s	2	На.	639.51	1279.03
	7th MAINTENANCE OF PL	ANTATION		A STATE AND A STATE OF	
					9625.03
Watch	& Ward		1101	033.31	8346.00
Flow irr		2		639 51	1279.03
	SIXTH MAINTENANCE OF	PLANTATIC	N		9025.03
					8346.00 9625.03
	Flow irr Watch & Flow irr Watch & Flow irr	SIXTH MAINTENANCE OF Flow irrigation (twice) Watch & Ward 7th MAINTENANCE OF PL Flow irrigation (twice) Watch & Ward 8th MAINTENANCE OF PL Flow irrigation (twice) Watch & Ward 9th MAINTENANCE OF PL Flow irrigation (twice) Watch & Ward	Flow irrigation (twice) 2 Watch & Ward 7th MAINTENANCE OF PLANTATION Flow irrigation (twice) 2 Watch & Ward 8th MAINTENANCE OF PLANTATION Flow irrigation (twice) 2 Watch & Ward 9th MAINTENANCE OF PLANTATION Flow irrigation (twice) 2	SIXTH MAINTENANCE OF PLANTATION Flow irrigation (twice) 2 Ha. Watch & Ward 7th MAINTENANCE OF PLANTATION Flow irrigation (twice) 2 Ha. Watch & Ward 8th MAINTENANCE OF PLANTATION Flow irrigation (twice) 2 Ha. Watch & Ward 9th MAINTENANCE OF PLANTATION Flow irrigation (twice) 2 Ha. Watch & Ward	SIXTH MAINTENANCE OF PLANTATION Flow irrigation (twice) 2 Ha. 639.51 Watch & Ward 7th MAINTENANCE OF PLANTATION Flow irrigation (twice) 2 Ha. 639.51 Watch & Ward 8th MAINTENANCE OF PLANTATION Flow irrigation (twice) 2 Ha. 639.51 Watch & Ward 9th MAINTENANCE OF PLANTATION Flow irrigation (twice) 2 Ha. 639.51 Watch & Ward

2 4 JUL 2015

Date:
Place: Patiala

Ajit Kulkarni,IFS
Divisional Forest Officer,
Patiala Forest Division,
Patiala.

2 4 JUL 2015