Deputy Conservator of Forest, Dausa(Rajasthan)

Full Title of the Project: "Construction of Missing Link Road from NH 148 to Moroli via Peepli Patalwas Koliwada Dob Paplaj Mata Sar Dhaun (MDR-145) km 9.00 to 15.00, in the State of Rajasthan (Total Length 6.0 km)

File No.: FP/RJ/ROAD/144538/2021

Date of Proposal: 22.10.2021

CHECK LIST SERIAL NUMBER: 18

	"SCHEME FOR 3.0207 ha."
	Detail scheme for for Compensatory Afforestation to be carried out in lieu on 3.0207 ha Ha. Of forest area to be diverted for "Construction of Missing Link Road from NH 148 to Moroli via Peepli Patalwas Koliwada Dob Paplaj Mata Sar Dhaun (MDR-145) km 9.00 to 15.00, in the State of Rajasthan (Total Length 6.0 km), Forest Diversion Proposal under Forest (Conservation) Act, 1980.
8.	Details of non-forest land :-
	DistrictDausa Village <u>Godawas</u> Tehsil: Rahuwas Name of Forest Division
	DCF-DausaRangeLalsot Block/Compartment/Survey No17 _Area to be
	afforested 3.0207 Hectare
2.	Description of Area
	I) Whether the site selected for Compensatory Afforestation is a
	Land bank or not:No
	II) If the CA site is other than the land bank, reasons be given: Non Forest land is
	identified for Compensatory Afforestation as per DM Dausa order no 2577 dated.
	12.04.2022
	III) In case of non forest area identified for CA, then what is the Distance of CA site
	from the adjoining forest boundary: Nil, as the NFL is adjacent to forest
bound	dary
	IV) Soil type: Sandy Loam
	V) Topography:
	(a) Hilly/Undulating/Plain: Undulating
	(b) Slope: Steep/Medium/Gentle: Gentle Slope

- VI) Whether the area is bearing any root stock of vegetation: No
- 3. Plantation Model:-

Copy of the approved Compensatory Afforestation Scheme/Model showing component wise physical and financial break up to be enclosed

4. Schedule of Plantation Programme:-

Detail of year wise break up of requirements of funds is as under:-:

Year	Rate
Advance work	265000
Maintenance 1st year	206000
Maintenance 2nd year	150000
Maintenance 3rd year	145000
Maintenance 4th year	22000
Maintenance 5th year	22000
Maintenance 6th year	22000
Maintenance 7th year	22000
Maintenance 8th year	22000
Maintenance 9th year	22000
Maintenance 10th year	22000
Maintenance 11th year	22000
Maintenance 12th year	22000
Total CA Amount as per 252 Rs. Labour Rates	964000

5. Technical details:-

Technical details of Compensatory Afforestation Scheme are as follows:-

- b) General Details: Scheme is prepared for Plants on Non Forest Land (NFL).
- b) Spacing: 3X4 Meter
- c) Species: Acacia Nilotica, Acacia leucophloea, Acacia catechu, acacia senegal and Azadirachta Indica and Prosopis cineraria, various shady species.
- d) Plantation Method: Manual
- e) Soil and Moisture Conservation Works: Yes
- f) Protection (Fencing, Watch man, People's Participation etc.):- Ditch Fencing
- g) Proposed Monitoring Mechanism: One Guard will deputed for Supervision
- h) Any other information: Nil

Place: Dausa

Date: 29.04.2022

(V Kelan kumar) Dy. Conservator of Forests Dausa

OFFICE OF DEPUTY CONSERVATOR OF FOREST DAUSA DETAILED ESTIMATE CA NFL

		DE INICLO ESTI	AIW I E C	ANTL			
NAME (OF SITE	- CA-NFL GODAS	GPS CO	-26:37'	56" 76.21	'09"	_
NAME	OF RANG	SE - LALSOT					_
NAME OF G. P SALEMPURA			NAME OF DIVISION - DAUSA NAME OF TEHSIL -RAHUWAS				
		4538/2021				missing link roa	d
		3.0207Ha.	,			lwas koliwada	•
וטואנ	- AILA - ,	3.0207 na.				R-145] km 9.00	0
				•	-	Lalsot , District	
1			1	Dausa,	(Rajasthan)),	
TOTAL	AMOUN	IDT-964000/- Rs					_
S.No.	BSR ITEM	Name of Item	Qty.	Unit	Rate	Amount	7
	NO						راـ
1	2.1.1	Survey of area, demarcation	3.0207	HA	141.09	426.19	1
		and lay out	1			1	
							4
2	4.1	Lay out of excavation of pits	3323	pits	0.95	3156.85	1
			Ì			1	
							ر[-
3	3.1	Lay out of excavation of contour	1200	rmt	0.95	1140.00	1
		tranches/ V-ditch etc.				1	
			·				_
4	2.2.2	Digging of ditch fencing 1.20m		Cum		0.00	
		deep 1.5m wide at top and 0.90m				,	
		wide at bottom includes dresing					
		(volume Per running Meter =					
1		1.44)					
5	2.2.2.1	In sandy loam soil 300rmt	432	Cum	103.76	44824.32	1
6	2.2.2.2	In clay Loam soil 500 rmt	720	Cum	124.64	89740.80	\downarrow
	2.2.2.2	in ciay Esam son soo iiiic	,,,,	Cam	124.04	03740.80	
7		District of a unasystem shoot sine		C		0.00	\dashv
/	3.2	Digging of contour trenches[size-		Cum		0.00	
		45cmx45cm], separating stones			,		
		from dug up soil, making mounds					
		of the soil and dressing			2	,	
	-		=		:-		\mathbb{Z}
8	3.2.1	sandy loam soil 500rmt	101.25	Cum	103.58	10487.48	1.
9	3.2.2	Clay loam soil 700rmt	141.75	Cum	124.29	17618.11	ľ
10	4.2	Digging of pits of size		Pits		0.00	
		[0.50+0.40]/2x0.45m					1,
11	4.2.1	Sandy loam soil	1323	Pits	9.28	12277.44	<u>Y</u> ,
12	4.2.2	Clay loam soil	2000	Pits	11.36	22720.00	1
13		Collection and purchase of grass		Kg		0.00	
	1	and other seeds					1
14	1.22.1	Ardu	1	Kg	103.34	103.34	
15	1.22.3	Babool	2	Kg	57.97	115.94	1
16	1.22.6	Churel/papdi	2	Kg	186.46	372.92	1
17	1.22.7	Dhaman grass	1	Kg	148.71	148.71	1
18	1.22.14	Kumtha	2	Kg	120.92	241.84	7
19	1.22.15		1	Kg	70.63	70.63	1
20	1.22.17	Raunj	1	Kg	95.95	95.95	1
			-				_1

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				Jedi			00.00
			Maintinance 1	et voo-			265000.00
	\vdash		Grand TOTAL				
			nedician etc.				
	1		ncluding running of vehicles ,				4439.24
42	\top		Misc. and unforeseen expences in				1440.00
41	\top		purchase of FYM	1.5		960	1000.00
40	\top		purchase of polythene bags				
39	+		Watch and ward	4	LS.	6552	26208.00
30			sign board				15000.00
38	1		insectivides in standard beds construction of Gate and fixing of		LS.	-	15000.00
37	+	1.20.1	Treatment of plants by spray of	2	L.S.	21.65	43.30
36	+	1.12.5	12.5x30 cm bags	3655	per bed/time	517.01	1889.67
			including grading, cutting of roots and rearranging them in beds]		bags		
35	5	1.12	Shifting of polythene bags [per 1000	1	
34	$\overline{}$	1.19.1.3	In 12.5x30 cm	7310	2000	414.38	3029.11
			polythene bags two times	7240	plants	414.38	3029.11
33	3	1.19	Weeding and hoeing of plants in		per 1000		
			daysx2x3655=292400				
3	2	1.18.1.3	12.5x30 cm bags 40	292400		7.99	2336.27
			rosecan two times per day		plants		
3	1	1.18.1	Watering of plants in beds using		per 1000		
3	0	1.10.1	In beds [10x1.20m]	2	1000	25.97	51.94
-		2.20.	[indcluding seed treatment]			25.27	E1 04
	9	1.10.	Seed sowing in nurseries		per beds		
-	28	1.8.5	12.5x30 cm bags	3655		1174.11	4291.37
			preparation of mixture]				
			them of tags [including		bags		
	<u> </u>	1.8	Filling of new bags and arranging		per 1000		
	26	1.6.1.2		5		291.51	1457.55
			the item]				
		1	except if other wise specified in				
	25	1.6.1.	the rates are including voids				
-	24	1.3.2	- W. C. I. P.II.		cum		0.00
_	23	1.3.1	In sandy loam soil	2	Cum	123.98	247.96
				-	cum	93.28	0.00
			dressing and leveling of beds]				
			removal of dugup soil from site,				
			10x1.2x0.175=2 beds[including				
	22	1.3	Construction of beds of size	, ,	cum		0.00
	- '		10m long and 1.2m wide]				
_	21	1.2.1	Layout of beds of nursaries[Size	2		12.54	25.08
/							



-						
1	1.19	Weeding and hoeing of plants in		per 1000		
		polythene bags two times		plants		
2	1.19.1.3	In 12.5x30 cm	7310		414.38	3029.11
3	1.12	Shifting of polythene bags [per 1000		
1		ilicluding grading, cutting of roots		bags	- 1	1
1		and rearranging them in beds]			-	
4	1.12.5	12.5x30 cm bags	3655	per bed/time	517.01	1889.67
5	1.18.1	Watering of plants in beds using		per 1000	-	
		rosecan two times per day		plants	ĺ	
				'		
6	1.18.1.3	12.5x30 cm bags 90	657900		7.99	5256.62
		daysx2x3655=657900				
7	6.3.3.1.1	Planting in pit size-	3323	platns	6.51	21632.73
		0.45x[0.4+0.5/2]m including local			1	
		transportation of plants,		į.		
		submerging the polypot in				
		insecticied treated water, cutting				
		and removing the polythene bag,				
		refilling of pit after removing				
		stone and pressing the soil around			,	
		plants plane area 3323 plants				
	5.2	transportation of plants from				
8	5.2`	nursary to plantation site				
9	5.2.1.5		3323	per plants	2.02	6712.46
	3.2.1.3	does not require loading and				
		unloading] 12.5x30 bags				
1						
10	6.4	Making of crescent shaped				0.00
		thanvala, having 45 cm radius				
		around planted or natural plants				
		1 to any soil	1323	plants	4.85	6416.55
11		sandy loam soil	2000	Pianta	7.81	15620.00
12		and the second cost /	2000			0.00
13	6.5.3	tractor tanker[minimum 15 liter				ļ
		of water and including cost of				
		transportation]				
		dunspot actory				2000000
14	6.5.3.2	up to 5 kms	3323	plants	11.52	38280.96 0.00
15		weeding and hoeing	-	-		0.00
16		weeding and hoeing of plants in				0.00
"	, , , , ,	plantation (in 45 cm radius and 15				
		cm_depth] two times		per plants	3.91	25985.86
17	66.1.	L L / clayov soil	6646	her him		
''	0		1		1	



1.6.1.2 1.8 1.8.5 1.10. 1.10.1 1.18.1	Procurement of soil for bag filling [the rates are including voids except if other wise specified in the item] Lead upto 5 kms Filling of new bags and arranging tem of bags [including preparation of mixture] 12.5x30 cm bags Seed sowing in nurseries [indcluding seed treatment] In beds [10x1.20m] Watering of plants in beds using	1	per 1000 bags		291.51
1.8.5 1.10. 1.10.1 1.18.1	except if other wise specified in the item] Lead upto 5 kms Filling of new bags and arranging them of bags [including preparation of mixture] 12.5x30 cm bags Seed sowing in nurseries [indcluding seed treatment] In beds [10x1.20m] Watering of plants in beds using	332	bags		291.51
1.8.5 1.10. 1.10.1 1.18.1	the item] Lead upto 5 kms Filling of new bags and arranging tem of bags [including preparation of mixture] 12.5x30 cm bags Seed sowing in nurseries [indcluding seed treatment] In beds [10x1.20m] Watering of plants in beds using	332	bags		291.51
1.8.5 1.10. 1.10.1 1.18.1	Lead upto 5 kms Filling of new bags and arranging tem of bags [including preparation of mixture] 12.5x30 cm bags Seed sowing in nurseries [indcluding seed treatment] In beds [10x1.20m] Watering of plants in beds using	332	bags		291.51
1.8.5 1.10. 1.10.1 1.18.1	Filling of new bags and arranging them of bags [including preparation of mixture] 12.5x30 cm bags Seed sowing in nurseries [indcluding seed treatment] In beds [10x1.20m] Watering of plants in beds using	332	bags		291.51
1.8.5 1.10. 1.10.1 1.18.1	Filling of new bags and arranging them of bags [including preparation of mixture] 12.5x30 cm bags Seed sowing in nurseries [indcluding seed treatment] In beds [10x1.20m] Watering of plants in beds using	332	bags		291.51
1.8.5 1.10. 1.10.1 1.18.1	them of bags [including preparation of mixture] 12.5x30 cm bags Seed sowing in nurseries [indcluding seed treatment] In beds [10x1.20m] Watering of plants in beds using	332	bags		231.31
1.10. 1.10.1 1.18.1	preparation of mixture] 12.5x30 cm bags Seed sowing in nurseries [indcluding seed treatment] In beds [10x1.20m] Watering of plants in beds using			4675	
1.10. 1.10.1 1.18.1	12.5x30 cm bags Seed sowing in nurseries [indcluding seed treatment] In beds [10x1.20m] Watering of plants in beds using		per beds	4075	
1.10. 1.10.1 1.18.1	Seed sowing in nurseries [indcluding seed treatment] In beds [10x1.20m] Watering of plants in beds using		per beds	10-5	1
1.10. 1.10.1 1.18.1	Seed sowing in nurseries [indcluding seed treatment] In beds [10x1.20m] Watering of plants in beds using		per beds	44	
1.10.1	[indcluding seed treatment] In beds [10x1.20m] Watering of plants in beds using	1	per beds	1174.11	389.80
1.18.1	In beds [10x1.20m] Watering of plants in beds using	1	1 -	1	
1.10.1	Watering of plants in beds using	1			
	but bear using			25.97	25.97
	rosecan two times per day		per 1000		
	dines per udy		plants	1	1
1.18.1.3	12.5x30 cm bags 40	26560	+	7.00	
	daysx2x332=26560	20300		7.99	212.21
1.19			per 1000		
	polythene bags two times				
		664	Pidito	414 38	275.14
1.12			per 1000	724.50	2/3.14
	including grading, cutting of roots		1		
	and rearranging them in beds]				
1.12.5	12 5v30 cm bags				
	12.5X50 CIT Dags	332	per bod/him	517.01	171.64
	Watch and ward	12		6552	79624.00
	Misc. and unforeseen expences in		1	0332	78624.00 1185.77
					1105.//
 	medicine etc.			1	
			total		206000.00
62211	Maintinance 2	nd year			
		332	plants	6.51	2161.32
	7.45X[U.4+U.5/2] m including local				_
"	nd removing the set of				
	efilling of pit often are acide				
				+	
	one plane area 1990 plants				
5.2 tra	ensportation of plants from				0.00
	-				0.00
5.2.1.5 Up	to 1 km [By headlaod which	332	per plants	2.02	670.64
do	es not require loading and	1			070.04
uni	loading] 12.5x30 bags				
	1.19.1.3 1.12 1.12.5 6.3.3.1.1 (t) (t)	1.19 Weeding and hoeing of plants in polythene bags two times 1.19.1.3 In 12.5x30 cm 1.12 Shifting of polythene bags [including grading, cutting of roots and rearranging them in beds] 1.12.5 12.5x30 cm bags Watch and ward Misc. and unforeseen expences in including running of vehicles, medicine etc. Maintinance 2 6.3.3.1.1 planting in pit size- 0.45x[0.4+0.5/2] m including local transportation of plants, semmerging the polytoe in insecticied treated water, cutting and removing the polythene bag, sefilling of pit after removing from and pressing the soil around plants plane area 1990 plants 5.2 transportation of plants from nursary to plantation site	1.19 Weeding and hoeing of plants in polythene bags two times 1.19.1.3 In 12.5x30 cm 664 1.12 Shifting of polythene bags [including grading, cutting of roots and rearranging them in beds] 1.12.5 12.5x30 cm bags 332 Watch and ward 12 Misc. and unforeseen expences in including running of vehicles, medicine etc. Maintinance 2nd year 6.3.3.1.1 planting in pit size- 0.45x[0.4+0.5/2] m including local transportation of plants, simmerging the polythene bag, mediling of pit after removing and removing the polythene bag, mediling of pit after removing stone and pressing the soil around plants plane area 1990 plants 5.2 transportation of plants from nursary to plantation site 5.2.1.5 Up to 1 km [By headlaod which does not require loading and	1.19 Weeding and hoeing of plants in polythene bags two times 1.19.1.3 In 12.5x30 cm 1.12 Shifting of polythene bags [including grading, cutting of roots and rearranging them in beds] 1.12.5 12.5x30 cm bags Watch and ward Misc. and unforeseen expences in including running of vehicles, medicine etc. Maintinance 2nd year 6.3.3.1.1 planting in pit size- 0.45x[0.4+0.5/2] m including local transportation of plants, simmerging the polythene bag, refilling of pit after removing and removing the polythene bag, refilling of pit after removing from and pressing the soil around plants plane area 1990 plants 5.2 transportation of plants from nursary to plantation site 5.2.1.5 Up to 1 km [By headlaod which does not require loading and	1.19 Weeding and hoeing of plants in polythene bags two times 1.19.1.3 In 12.5x30 cm 3.1.12 Shifting of polythene bags [including grading, cutting of roots and rearranging them in beds] 1.12.5 12.5x30 cm bags 332 per bed/time Watch and ward Misc. and unforeseen expences in including running of vehicles, medicine etc. Maintinance 2nd year 6.3.3.1.1 planting in pit size- 0.45x[0.4+0.5/2] m including local transportation of plants, simmerging the polypot in insecticed treated water, cutting and removing the polythene bag, sefilling of pit after removing stone and pressing the soil around plants plane area 1990 plants 5.2 transportation of plants from nursary to plantation site 5.2.1.5 Up to 1 km [By headlaod which does not require loading and



/						
4	6.4	Making of crescent shaped				0.00
1		thanvala, having 45 cm radius		1 1		
		around planted or natural plants				ĺ
		.				
5	6.4.1	sandy loam soil	132	plants	4.85	640.20
6	6.4.2	clayey loam soil	200	P.C.	7.81	1562.00
7	6.5.3	watering of plants by camer cart /		1	7.02	0.00
		tractor tanker[minimum 15 liter				
		of water and including cost of		1		1
		transportation ONE TIMES		1		1
		Transportation one princes		1	1	
8	6.5.3.2	up to 5 kms	3323	plants	11.52	38280.96
9	6.6	weeding and hoeing	3323	piene		0.00
10	6.6.1	weeding and hoeing of plants in				0.00
		plantation [in 45 cm radius and 15				
		cm depth] two times			ĺ	
11	66.1.1		6646	per plants	3.91	25985.86
		, , , , , , , , , , , , , , , , , , , ,		l' ' l		
12		Watch and ward	12	L.S.	6552	78624.00
13		Misc. and unforeseen expences in		L.S.		2075.02
		including running of vehicles ,				
		medician etc.				
				Total		150000.00
	•	Maintance 3	3rd year			
1	6.5.3	watering of plants by camer cart /				0.00
		tractor tanker[minimum 15 liter			1	1
		of water and including cost of)
		transportation ONE TIMES				į
2	6.5.3.2	up to 5 kms	3323	plants	11.52	38280.96
3	6.6	weeding and hoeing				0.00
4	6.6.1	weeding and hoeing of plants in				0.00
		plantation (in 45 cm radius and 15				
		cm depth] two times				
5	66.1.1	in sandy loam/ clayey soil	6646	per plants	3.91	25985.86
6		Watch and ward	12	L.S.	6552	78624.00
7		Misc. and unforeseen expences in		L.S.		2109.18
		including running of vehicles ,				1
		medician etc.				
				Total		145000.00
		Maintance 4	4th year			
1		Watch and ward		L.S.		20000.00
2		Misc. and unforeseen expences in			1	2000.00
	- %	including running of vehicles,				
		medician etc.				
				total		22000.00
		Maintance \$	5th year			
1		Watch and ward		LS.		20000.00
		11000110110110		-		-

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2	Misc. and unforeseen expences	in			2000.00
_	including running of vehicles ,			- 1	
	medician etc.		- 1	- 1	1
	incordian etc.		tota	, 	22000.00
	Maintana	Sth vo		21	22000.00
1	Maintance	our yea			20000 00
2	Watch and ward		L.S.	-	20000.00
2	Misc. and unforeseen expences in	n			2000.00
	including running of vehicles,		1	- 1	
-	medician etc.	-			22000.00
-		749	total		22000.00
-	Maintance	7th yea			20000 00
1	Watch and ward	+	L.S.	+	20000.00
2	Misc. and breseen expences in including diffing of vehicles,	1			2000.00
	medician etc.				
-	medician etc.	1	total	+	22000.00
-	Maintance	8th year		<u> </u>	22000.00
1	Watch and ward	Jui year	L.S.	T	20000.00
2	Misc. and unforeseen expences in	1	1		2000.00
	including running of vehicles ,			1	
	medician etc.				
			total		22000.00
	Maintance 9	9th year		_	(
1	Watch and ward		LS.	-	20000.00
2	Misc. and unforeseen expences in	1		1	2000.00
	including running of vehicles ,		1		
-	medician etc.		total	 	22000.00
	Maintance 1	Oth year	total	1	22000.00
1	Watch and ward	our year	LS.	T	20000.00
2	Misc. and unforeseen expences in				2000.00
	including running of vehicles ,		1		
	medician etc.		1		
			total		22000.00
	Maintance 11	th year			,
1	Watch and ward		L.S.		20000.00
2	Misc. and unforeseen expences in				2000.00
	including running of vehicles ,				
	medician etc.		total		22000.00
	Maintance 12	th was	total		22000.00
1	Watch and ward	ui year	LS.		20000.00
2	Misc. and unforeseen expences in				2000.00
_	including running of vehicles ,				
	medician etc.				
			total		22000.00
	Year wise breakup		Amount		
	Advance work		265000		
			206000		
	Maintenance 1st year				



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Maintenance 2nd year	150000			
Maintenance 3rd year	145000			
Maintenance 4th year	22000			
Maintenance 5th year	22000			
Maintenance 6th year	22000			
Maintenance 7th year	22000			
Maintenance 8th year	22000			
Maintenance 9th year	22000			
Maintenance 10th year	22000			
Maintenance 11th year	22000			
Maintenance 12th year	22000			
Total CA Amount as per 252 Rs. Labour	964000			

Certificates:-

1. The Rates are based on BS r Jaipur circle 2021

Range Forest Officer Lalsot

2. The estimate is based on guidelines of prescribed model

Technical Checked

Approved

DCF DAUSA

Calculation-shecked

1

ACF DAUS