

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 of _____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 :-

District _____Dausa___ Village Godawas Tehsil: Rahuwas Name of Forest Division
DCF-Dausa-----Range---Lalsot Block/Compartment/Survey No. 17 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

boundary

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 Kevan kumar)
Dy. Conservator of Forests
Dausa

OFFICE OF DEPUTY CONSERVATOR OF FOREST DAUSA

DETAILED ESTIMATE CA NFL

NAME OF SITE - CA-NFL GODAS			GPS CO -26.37'56" 76.21'09"			
NAME OF RANGE - LALSOT			NAME OF DIVISION - DAUSA			
NAME OF G. P. - SALEMPURA			NAME OF TEHSIL -RAHUWAS			
FP/RJ/ROAD/144538/2021			Praposal Name - Construction of missing link road NH-148 to moroli vaya pipli patalwas koliwada doab paplaj mata sarr dhoun [MDR-145] km 9.00 to 15.00 In the state of Rajasthan-Lalsot , District - Dausa, (Rajasthan),			
TOTAL AREA - 3.0207Ha.						
TOTAL AMOUNDT-964000/- Rs						
S.No.	BSR ITEM NO	Name of Item	Qty.	Unit	Rate	Amount
1	2.1.1	Survey of area, demarcation and lay out	3.0207	HA	141.09	426.19
2	4.1	Lay out of excavation of pits	3323	pits	0.95	3156.85
3	3.1	Lay out of excavation of contour tranches/ V-ditch etc.	1200	rmt	0.95	1140.00
4	2.2.2	Digging of ditch fencing 1.20m deep 1.5m wide at top and 0.90m wide at bottom includes dresing (volume Per running Meter = 1.44)		Cum		0.00
5	2.2.2.1	In sandy loam soil 300rmt	432	Cum	103.76	44824.32
6	2.2.2.2	In clay Loam soil 500 rmt	720	Cum	124.64	89740.80
7	3.2	Digging of contour trenches[size-45cmx45cm], separating stones from dug up soil, making mounds of the soil and dressing		Cum		0.00
8	3.2.1	sandy loam soil 500rmt	101.25	Cum	103.58	10487.48
9	3.2.2	Clay loam soil 700rmt	141.75	Cum	124.29	17618.11
10	4.2	Digging of pits of size [0.50+0.40]/2x0.45m		Pits		0.00
11	4.2.1	Sandy loam soil	1323	Pits	9.28	12277.44
12	4.2.2	Clay loam soil	2000	Pits	11.36	22720.00
13		Collection and purchase of grass and other seeds		Kg		0.00
14	1.22.1	Ardu	1	Kg	103.34	103.34
15	1.22.3	Babool	2	Kg	57.97	115.94
16	1.22.6	Churel/papdi	2	Kg	186.46	372.92
17	1.22.7	Dhaman grass	1	Kg	148.71	148.71
18	1.22.14	Kumtha	2	Kg	120.92	241.84
19	1.22.15	Neem	1	Kg	70.63	70.63
20	1.22.17	Raunj	1	Kg	95.95	95.95

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21	1.2.1	Layout of beds of nurseries[Size 10m long and 1.2m wide]	2		12.54	25.08
22	1.3	Construction of beds of size 10x1.2x0.175=2 beds[including removal of dugup soil from site, dressing and leveling of beds]		cum		0.00
23	1.3.1	In sandy loam soil		cum	93.28	0.00
24	1.3.2	In clayey loam soil	2		123.98	247.96
25	1.6.1.	Procurement of soil for bag filling [the rates are including voids except if other wise specified in the item]		cum		0.00
26	1.6.1.2	Lead upto 5 kms	5		291.51	1457.55
27	1.8	Filling of new bags and arranging them in bags [including preparation of mixture]		per 1000 bags		
28	1.8.5	12.5x30 cm bags	3655		1174.11	4291.37
29	1.10.	Seed sowing in nurseries [including seed treatment]		per beds		
30	1.10.1	In beds [10x1.20m]	2		25.97	51.94
31	1.18.1	Watering of plants in beds using rosecan two times per day		per 1000 plants		
32	1.18.1.3	12.5x30 cm bags 40 daysx2x3655=292400	292400		7.99	2336.27
33	1.19	Weeding and hoeing of plants in polythene bags two times		per 1000 plants		
34	1.19.1.3	In 12.5x30 cm	7310		414.38	3029.11
35	1.12	Shifting of polythene bags [including grading, cutting of roots and rearranging them in beds]		per 1000 bags		
36	1.12.5	12.5x30 cm bags	3655	per bed/time	517.01	1889.67
37	1.20.1	Treatment of plants by spray of insectivides in standard beds	2	L.S.	21.65	43.30
38		construction of Gate and fixing of sign board		L.S.		15000.00
39		Watch and ward	4	L.S.	6552	26208.00
40		purchase of polythene bags				1000.00
41		purchase of FYM	1.5		960	1440.00
42		Misc. and unforeseen expences in including running of vehicles , medician etc.				4439.24
		Grand TOTAL				265000.00
Maintinance 1st year						265000.00

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1	1.19	Weeding and hoeing of plants in polythene bags two times		per 1000 plants		
2	1.19.1.3	In 12.5x30 cm	7310		414.38	3029.11
3	1.12	Shifting of polythene bags [including grading, cutting of roots and rearranging them in beds]		per 1000 bags		
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 rosecan two times per day		per 1000 plants		
6	1.18.1.3	12.5x30 cm bags 90 daysx2x3655=657900	657900		7.99	5256.62
7	6.3.3.1.1	Planting in pit size- 0.45x[0.4+0.5/2]m including local transportation of plants, 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	3323	plants	6.51	21632.73
8	5.2	transportation of plants from nursery to plantation site				
9	5.2.1.5	Up to 1 km [By headload which does not require loading and unloading] 12.5x30 bags	3323	per plants	2.02	6712.46
10	6.4	Making of crescent shaped thanvala, having 45 cm radius around planted or natural plants				0.00
11	6.4.1	sandy loam soil	1323	plants	4.85	6416.55
12	6.4.2	clayey loam soil	2000		7.81	15620.00
13	6.5.3	watering of plants by camel cart / tractor tanker[minimum 15 liter of water and including cost of transportation]				0.00
14	6.5.3.2	up to 5 kms	3323	plants	11.52	38280.96
15	6.6	weeding and hoeing				0.00
16	6.6.1	weeding and hoeing of plants in plantation [in 45 cm radius and 15 cm depth] two times				0.00
17	6.6.1.1	in sandy loam/ clayey soil	6646	per plants	3.91	25985.86

18		Procurement of soil for bag filling [the rates are including voids except if other wise specified in the item]		cum		0.00
19	1.6.1.2	Lead upto 5 kms	1		291.51	291.51
20	1.8	Filling of new bags and arranging them of bags [including preparation of mixture]		per 1000 bags		
21	1.8.5	12.5x30 cm bags	332		1174.11	389.80
22	1.10.	Seed sowing in nurseries [including seed treatment]		per beds		
23	1.10.1	In beds [10x1.20m]	1		25.97	25.97
24	1.18.1	Watering of plants in beds using rosecan two times per day		per 1000 plants		
25	1.18.1.3	12.5x30 cm bags 40 daysx2x332=26560	26560		7.99	212.21
26	1.19	Weeding and hoeing of plants in polythene bags two times		per 1000 plants		
27	1.19.1.3	In 12.5x30 cm	664		414.38	275.14
28	1.12	Shifting of polythene bags [including grading, cutting of roots and rearranging them in beds]		per 1000 bags		
29	1.12.5	12.5x30 cm bags	332	per bed/time	517.01	171.64
30		Watch and ward	12	L.S.	6552	78624.00
31		Misc. and unforeseen expences in including running of vehicles , medicine etc.				1185.77
				total		206000.00

Maintinance 2nd year

1	6.3.3.1.1	planting in pit size- 0.45x[0.4+0.5/2] m including local transportation of plants, 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 1990 plants	332	plants	6.51	2161.32
2	5.2	transportation of plants from nursery to plantation site				0.00
3	5.2.1.5	Up to 1 km [By headlaod which does not require loading and unloading] 12.5x30 bags	332	per plants	2.02	670.64

4	6.4	Making of crescent shaped thanvala, having 45 cm radius around planted or natural plants				0.00
5	6.4.1	sandy loam soil	132	plants	4.85	640.20
6	6.4.2	clayey loam soil	200		7.81	1562.00
7	6.5.3	watering of plants by camer cart / tractor tanker[minimum 15 liter of water and including cost of transportation ONE TIMES				0.00
8	6.5.3.2	up to 5 kms	3323	plants	11.52	38280.96
9	6.6	weeding and hoeing				0.00
10	6.6.1	weeding and hoeing of plants in plantation [in 45 cm radius and 15 cm depth] two times				0.00
11	6.6.1.1	in sandy loam/ clayey soil	6646	per plants	3.91	25985.86
12		Watch and ward	12	L.S.	6552	78624.00
13		Misc. and unforeseen expences in including running of vehicles , medician etc.		L.S.		2075.02
				Total		150000.00
Maintance 3rd year						
1	6.5.3	watering of plants by camer cart / tractor tanker[minimum 15 liter of water and including cost of transportation ONE TIMES				0.00
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 plantation [in 45 cm radius and 15 cm depth] two times				0.00
5	6.6.1.1	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 including running of vehicles , medician etc.		L.S.		2109.18
				Total		145000.00
Maintance 4th year						
1		Watch and ward		L.S.		20000.00
2		Misc. and unforeseen expences in including running of vehicles , medician etc.				2000.00
				total		22000.00
Maintance 5th year						
1		Watch and ward		L.S.		20000.00

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2		Misc. and unforeseen expences in including running of vehicles , medician etc.				2000.00
				total		22000.00
Maintance 6th year						
1		Watch and ward		L.S.		20000.00
2		Misc. and unforeseen expences in including running of vehicles , medician etc.				2000.00
				total		22000.00
Maintance 7th year						
1		Watch and ward		L.S.		20000.00
2		Misc. and unforeseen expences in including running of vehicles , medician etc.				2000.00
				total		22000.00
Maintance 8th year						
1		Watch and ward		L.S.		20000.00
2		Misc. and unforeseen expences in including running of vehicles , medician etc.				2000.00
				total		22000.00
Maintance 9th year						
1		Watch and ward		L.S.		20000.00
2		Misc. and unforeseen expences in including running of vehicles , medician etc.				2000.00
				total		22000.00
Maintance 10th year						
1		Watch and ward		L.S.		20000.00
2		Misc. and unforeseen expences in including running of vehicles , medician etc.				2000.00
				total		22000.00
Maintance 11th year						
1		Watch and ward		L.S.		20000.00
2		Misc. and unforeseen expences in including running of vehicles , medician etc.				2000.00
				total		22000.00
Maintance 12th year						
1		Watch and ward		L.S.		20000.00
2		Misc. and unforeseen expences in including running of vehicles , medician etc.				2000.00
				total		22000.00
Year wise breakup			Amount			
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	964000	

Certificates :-

1. The Rates are based on BS ~~II~~ r Jaipur circle 2021
2. The estimate is based on guidelines of prescribed model


Range Forest Officer
Lalsot

Calculation checked


AAO

Technical Checked


ACF DAUSA

Approved


DCF DAUSA