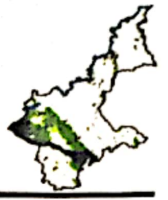




राजस्थान सरकार
वन विभाग

कार्यालय उप वन संरक्षक, कोटा

(सिवलि लाईन्स, नयापुरा कोटा ई-मेल-dcf.kota.forest@rajasthan.gov.in)



CA DFL Scheme

Full title of the project	-	Land for Extension of Bhamashah Krishi Upaj Mandi Samiti
Proposal no.	-	FP/RJ/Others/20036/2016
Proposed diversion area	-	96 ha.
Range	-	Ladpura, Kota
Tehsil	-	Ladpura

CA details

Name of CA DFL site	-	Sakatpura
Area of CA Land	-	192 ha.
No. of saplings to be planted	-	96000
Revenue village	-	Shambhupura
Tehsil	-	Ladpura

CA scheme (per hectare) based on approved DFL model vide PCCF letter number F.14 (CA Model) 2020/FCA/PCCF/1863, dated 10/07/2024

0 YEAR (ADVANCE ACTION)					
S.No.	ITEM OF WORK	RATE (Rs.)	LABOUR	MATERIAL	TOTAL
1	Collection of Basic Datas for Microplanning and carrying out joint forest management activities.	1309.88/ ha.	1209	101	1310
2	Survey of area, layout of contour trenches, burrow pits and making of segments / plots	771.26 / ha.	694	77	771
3	Fencing by Barwad wire, stone wall and or by ditch.				
	a.) Loose Stone wall fencing 1.20 m high 0.80 m at base & 0.60 at top (on an average 20 m/ha.)	371.95 / rmt	7439	0	7439
	b.) Ditch fencing 1.20m deep, 1.50m wide at top & 0.90m at bottom (on an average 20m/ha.)/Barwad wire fencing	280.69 / rmt	5614	0	5614

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	c)Fencing of the plantation area with 2.1 meter high prestressed Cement Concrete Post and 5 stand barbed wire (Details given at annexure "A" for PCC post and annexure B for fencing details) (20m/ha.)	200.0/rmt	800.00	3200	4000
4	Layout of staggered /contineous contour trenches, v-ditch, contour dykes and pits etc. by contour survey in the area	81.47/ha	81	0	81
5	Digging up 200 rmt Staggered Contour Trenches 45x45cm cross section on middle slopes and V-ditch as per site requirement	32.38 / rmt	6476	0	6476
6	Digging of 300 pits size: 0.45x(0.4+0.5/2)2 cum	20.27 / pit	6081	0	6081
7	Cost of collection and purchase of grass and other seeds of trees and shrubs (3 kg grass seed and 3 kg tree species seed)	Prorata	0	250	250
8	In situ Soil and moisture Conservation works including check dams, percolation tank, earthen bund etc.	Prorata	4965.17	0	4965
9	Construction of Thatched cattle guard hut	Prorata	390.00	210	600
10	Construction of water storage tank.	Prorata	81	48	129
11	Labour aminities	Prorata	95	86	181
12	Watch and ward for 4 months @ 259 per day	Prorata	630	0	630
13	Construction of the pillars of appropriate size for gate.	Prorata	83	97	180
14	Construction of approach road / inspection path	Prorata	440	0	440
15	Purchase of signboards & fixing at site	Prorata	33	92	125
16	Misc. and unforeseen expenses including POL for vehicles	Prorata	288	108	396
	TOTAL YEAR 0		35399	4269	39669
17	Administrative charges 10%				3967
				TOTAL	43635

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YEAR I (PLANTING YEAR)					
1	Collection of datas regarding impact assesment and strengthening Joint Forest Management.	Prorata	0	73	73
2	Purchasing and Maintenance of 550 plants	40/plant	0	22000	22000
3	Digging of 200 pits of size 0.45 (4+5/2)*2 Cum	20.27 / pit	4054	0	4054
4	Sowing/dibbling of seeds of grass /thorny trees species on the mounds of contour trench and ditch fencing etc. (200 m / ha.)	0.58/m	116	0	116
5	Purchase and application of insecticides, fertilizer, plant growth hormone etc. in 1000 plants	4.92/plant	2785.02	658.98	3444
6	Sowing of pellats of grass/piece of seed mud cakes of grass seeds between row of pits by ploughing and furrowing.	Prorata	1012	62	1074
7	Restoration of natural regeneration by making crescent shapad mounds on the lower slopes of seedling and sapling and making ring tranches around the natural trees / shrubs.	Prorata	1295	0	1295
8	Transportation of 550 plants from nursery to planting site in cluding loading and unloading	3.65/plant	1814.04	193.96	2008
9	Planting of 500 seedlings including Refilling of pits	7.75/plant	3875.00	0	3875
10	Making of 500 crescent shaped mounds below planted sapling after planting and dibbling 2 or 3 seeds of shrub species on the mound.	7.20/plant	3600.00	0	3600
11	Watering with insecticide to the plants . (2 times) for 500 plants (Total 1000 plants) min 15 lit.	8.0/plant	8000.00	0	8000
12	Weeding and hoeing of 500 plants in 2 time. (Total 1000 plants)	4.65/ plant	4650	0	4650
13	Hoeing of the plants before watering of 500 plants in 2 times (Total 1000 plants)	2.32/plant	2320.00	0	2320

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14	Weeding on staggered/ continuous contour trenches and 'V' ditch including Singling/spacement in the line sowing. (400 RMT)	4.56/rmt	1824.00	0	1824
15	Watch and ward for 12 months @ Rs.259 per day	prorata	1891	0	1891
16	Labour aminties and hut repair.	Prorata	375	49	424
17	Micellaneous and unforeseen expenditure including running of vechile.	Prorata	179	32	211
TOTAL YEAR 1			37789	23069	60858
18	Cost escalation in labour amount due to increase in labour rate @5%		1889	0	1889
19	Administrative charges 10%				6086
				TOTAL	68834

FIRST YEAR MAINTENANCE (YEAR 2)					
1	Collection of datas regarding impact assesment and strengthening Joint Forest Management.	Prorata	0	73	73
2	Purchasing and Maintenance of 50 plants	40/plants	0	2000	2000
3	Repair of fencing	Prorata	259	0	259
4	Watering with insecticide to the plants . (2 times) for 500 plants (Total 1000 plants) min 15 lit.	8.0/plant	8000.00	0	8000
5	Casualty replacement 50 plants including redigging of pits, transportation planting, watering	13.42/plant	638.10	32.9	671
6	Weeding and hoeing of 500 plants in 2 time. (Total 1000 plants)	4.65/ plant	4650	0	4650
7	Hoeing of the plants before watering of 500 plants in 2 times (Total 1000 plants)	2.32/plant	2320.00	0	2320
8	Wedding on staggered/ continuous contour trenches and 'V' ditch including Singling/spacement in the line sowing. (400 RMT)	4.56/rmt	1824.00	0	1824
9	Watch and ward for 12 months @259/ per day	prorata / ha	1891	0	1891

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10	Misc. and unforeseen expences including (forest protection measures and running of vechile etc.	prorata	390	238	628
	TOTAL YEAR 2		19972	2344	22316
10	Cost escalation in labour amount due to increase in labour rate @10%		1997	0	1997
11	Administrative Charges 10%				2232
	GRAND TOTAL				26544

SECOND YEAR MAINTENANCE (YEAR 3)					
1	Collection of datas regarding impact assesment and strengthening Joint Forest Management.	Prorata	0	73	73
2	Watering with insecticide to the plants . (1 times) for 500 plants (Total 500 plants) min 15 lit.	8.0/plant	4000.00	0	4000
3	Hoing of the plants before watering of 500 plants in 1 times (Total 500 plants)	2.32/plant	1160.00	0	1160
4	Watch and ward for 12 months @ 259/ per day	prorata	1891	0	1891
5	Misc.and unforseen expenditure including (repairing of fencing / structures pruning /running of vechile etc.	prorata	798	289	1087
	Total Year 3		7848	362	8210
	Cost escalation in labour amount due to increase in labour rate @15%		1177	0	1177
	Administrative charges 10%				821
	GRAND TOTAL				10208

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Third Year maintenance (Year 4)					
1	Collection of datas regarding impact assesment and strengthening Joint Forest Management.	Prorata	0	73	73
2	Watch and ward for 12 months @ 259/ per day	prorata	1891	0	1891
3	Misc.and unforeseen expenditure including (repairing of fencing / structures pruning/running of vechile etc.	prorata	798	289	1087
Total Year 4			2688	362	3050
6	Cost escalation in labour amount due to increase in labour rate @20%		538	0	538
7	Administrative charges 10%				305
GRAND TOTAL					3893

Fourth Year maintenance (Year 5)					
1	Collection of datas regarding impact assesment and strengthening Joint Forest Management.	Prorata	0	73	73
2	Watch and ward for 12 months @ 259/ per day	prorata	1891	0	1891
3	Misc.and unforeseen expenditure including (repairing of fencing / structures pruning ,running of vechile etc.	prorata	798	289	1087
Total Year 5			2688	362	3050
4	Cost escalation in labour amount due to increase in labour rate @25%		672	0	672
5	Administrative charges 10%				305
GRAND TOTAL					4027

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SUBSEQUENT MAINTENANCE (YEAR 6 TO 12)					
1	Collection of datas regarding impact assesment and strengthening Joint Forest Management.	Prorata	0	73	73
2	Watch and ward for 12 months @ 259/ per day	prorata	1891	0	1891
3	Misc.and unforeseen expenditure including (repairing of fencing / structures pruning/running of vechile etc.	prorata	798	289	1087
TOTAL YEAR 6-12.			2689	362	3051
4	Cost escalation in labour amount due to increase in labour rate @30%		807	0	807
5	Administrative charges 10%				305
				Total	4163

GRAND TOTAL		
	0 Year	43635
	First Year	68834
	Second Year	26544
	Third Year	10208
	Fourth Year	3893
	Fifth Year	4027
	Sixth year	4163
	Seventh year	4163
	Eighth year	4163
	Ninth Year	4163
	Tenth Year	4163
	Eleventh Year	4163
	Twelth Year	4163
	TOTAL	186281
	Say	Rs. 1,90,000/- per hectare

Therefore, total CA amount proposed for 192 ha. DFL land = $192 \times 1,90,000/-$
= **Rs. 3,64,80,000/-**

i.e. Three Crores Sixty Four Lakhs Eighty Thousand only.

Place: Kota
Date: 13-09-2024

(Signature)

Name: Apoorva Krishna Srivastava
Designation: D.F.O. Kota

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