

Deputy Conservator of Forest, Rajsamand (Rajasthan)

Full Title of the Project: "Construction of 11 kv Transmission Line Projects of Rajeev Gandhi Gram Vidyutikaran Yojana(RGGVY) in XII Plan for Between Shivshakti Stone Crusher Jinjhari to Village-Bhawan,Tehsil-Sojat,District Pali (Raj)"

File No. : FP/RJ/TRANS/23277/2016 (1.764 ha.)

Proposed Forest Land Under Rajsamand Division: 1.764 ha.

Date of Proposal: 26/12/2016

CHECK LIST SERIAL NUMBER: 18

" CA SCHEME "

Detail Scheme (On DFL) for Compensatory Aforestation to be carried out in lieof 1.7640 Ha of Forest area to be diverted for "Construction of 11 kv Transmission Line Projects of Rajeev Gandhi Gram Vidyutikaran Yojana(RGGVY) in XII Plan for Between Shivshakti Stone Crusher Jinjhari to Village-Bhawan,Tehsil-Sojat,District Pali (Raj)

1. Details of Degraded forest land/non-forest Land:-

District-Pali

Village- Guda Dhamavata

Tehsil- DCFWL Rajsamand

Tehsil- Marwar Junction

Range- Jojawar

Forest Block- Siryari

Area to be afforested – 3.53 Ha. , Proposed area- 4.00 Ha.

2. Description of Area

I. Whether the site selection or compensatory Afforestation is a land bank or not:- No

II. If the CA site is other than the land bank reason be given : Degraded forest land is identified for compensatory Afforestation as NFL is exempted for transmission line project.

III. In case of non forest land area identified for CA, then what is the distance of CA site from the adjoining forest boundary : Nil

IV. Soil type:- Sandy Loam and Clay Loam

V. Topogaphy

(A) Hilly/Undulating/Plain: Hilly

(B) Slope; steep/Medium/gentle: Gentle slope

VI) Whether the area id bearing any root stock of vegetation : No

3. Plantation Model :-

Copy of the approved compensatory Afforest 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
0 Years (Advance Action)	45141
1st Year (Planting Year)	41724
2nd Year Maintenance (Year-2)	13152
2nd Year Maintenance (Year-3)	6038
Subsequent Maintenance (Year-4)	6038
Subsequent Maintenance (Year-5)	6038
Subsequent Maintenance (Year-6)	6038
Subsequent Maintenance (Year-7)	6038
Subsequent Maintenance (Year-8)	6038
Subsequent Maintenance (Year-9)	6038
Subsequent Maintenance (Year-10)	6038
Subsequent Maintenance (Year-11)	6038
Subsequent Maintenance (Year-12)	6038
Total Amount for DFL @ 1, 60,400/- ha. (Source: As per Approved Model)	Total amount for CA Will Be : 1,60,400 X 3.53 = 5,66,212/- (Five Lakhs, Sixty Six Thousand, Two Hundred Twelve Rupees Only)

5- Technical details:- Technical details of Compensatory Afforestation Scheme are as follows:-

- A) General Details – CA Scheme is prepared for Degraded Forest land (DFL)
- B) Spacing: 3X4 Meter
- C) Species: acacia Nilotica, acacia tortilis, and prosopis cineraria etc.
- D) Plantation Method: Manual
- E) Soil and Moisture conservation work: LSCD
- F) Protection (Fencing, watch man, People's participation etc.) Fencing & watch man
- G) Proposed Monitoring Mechanism – One Guard will deputed for Supervision.
- H) Any other information- Nil

Place: Rajsamand

Date: 13.12.2021

(Signature)

Name

Designation

Official Seal.....

(फतेह सिंह राठी)
उप वन संरक्षक
वन्यजीव, राजसमन्द

DEPUTY CONSERVATOR OF FORESTS, WILDLIFE, RAJSAMAND

DETAILS OF AMOUNT FOR CA ON DFL

Construction of 11 kv Transmission Line Projects of Rajeev Gandhi Gram Vidyutikaran

Yojana(RGGVY) in XII Plan for Between Shlvshakti Stone Crusher Jinjhari to Village-

Bhawan, Tehsil-Sojat, District Pali (Raj)"

Proposal No - FP/RJ/TRANS/23277/2016 (1.764 ha.)

CA SCHEME – DFL (Labour Rate : 252/- Rupees)					
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	575/ha	588	50	638
2.	Survey of area, lay out of contour trenches, burrowpits and making of segments/plots.	463/ha	463	50	513
3.	Fencing by stone wall and or by ditch.		0	0	
	a) Stone wall fencing 1.20m high 0.80m at base & 0.60 at top (on an average 30m/ha.)	225 / rmt	7560	0	7560
	b) Ditch fencing 1.20m deep, 1.50m wide at top & 0.90m at bottom (on an average 30m/ha.)	245.16 / rmt	8238	0	8238
4.	Cost of raising 770 seedlings.	3.93/- plant	2158	1105	3263
5.	Digging up 300 rmt Staggered Contour Trenches 45x45cm cross section on middle slopes and V ditch as per site.	28.28 / rmt	9505	0	9505
6.	Digging of 300 pits size : 0.45x(0.4+0.5/2)2 cum	17.6 / pit	5913	0	5913
7.	Cost of Collection and purchase of grass and other seeds of trees and shrubs.	Prorata	0	196	196
8.	Treatment of Nallas by construction series of checkdams of dry ramdom rubble/earthan/brushwood	Prorata	735	0	735
9.	Construction of Thatched cattle guard hut	Prorata	136	78	214
10.	Purchase of construction of water storage tank	Prorata	79	48	127
11.	Labour aminities	Prorata	92	86	178

12.	Watch and ward for 4 months @15325/-	Prorata	1450	0	1450
13.	Purchase of tools and plants		0	110	110
14.	Construction of 50mt. long contour dykes of 30x30cm. cross section on upper slopes and sowing of suitable thorny shrub	30.46 / rmt	1706	0	1706
15.	Construction of the pillars of appropriate size of gate	Prorata	80	97	178
16.	Purchase of signboards and fixing at site	Prorata	32	92	124
17.	Misc. and unforeseen expenses including PIL for Vehicles	Prorata	280	108	388
	TOTAL YEAR 0		39016	2021	41037
18.	Administrative charges 10%		0		4104
			0	TOTAL	45141

YEAR 1 (PLANTING YEAR)

1.	Collection of dates regarding impact assessment and strengthening joint forest management	Prorata	0	73	73
2.	Maintenance of 770 seeding in nursery	2.11 / plant	1674	134	1808
3.	Digging of 400 pits of size 0.45(4+5/2)*2 Cum	17.73 / pit	7884	0	7884
4.	In Situ soil and Moisture conservation measures like check dam, nadies, earthen bunds etc.	Prorata	2864	243	3107
5.	Digging of 30cm x 30cm cross section trench along inner side of stone wall fencing and seed sowing (60 mt / ha)	12.43 Per rmt.	814	19	833
6.	Sowing/dibbling of seeds of grass/thorny trees species on the mounds of contour trench and ditch fencing etc. (370m/ ha.)	0.59/m	231	13	244
7.	Purchase of insecticide and fertilizers.	0.82/plant	0	577	577
8.	Sowing of pellets of grass/pieces of seed mud cakes of grass seeds between row of pits by ploughing and furrowing	Prorata	570	0	570
9.	Transportation of 700 plant from nursery to planting site.	1.41 / plant	1060	45	1105
10.	Planting of 700 seeding including Refilling of pits	4.09 / plant	3213	0	3213
11.	Watering (id sufficient rains are not there) & application of	3.16 / plant	2485	0	2485

	insecticide in 700 plants at the time of planting.				
12.	Restoration of natural regenerations by making crescent shaped mounds on the lower slopes of seeding and sapling and making ring trenches around the natural trees/ shrubs (150 plant/ha)	4.1/ plant	689	0	689
13.	Making of crescent shaped mounds below planted sapling after planting and dibbing 3 seeds of thorny tree species (700 plants / ha)	3.58/ plant	2807	0	2807
14.	Weeding and hoeing of 700 plants in 2 times. Repairing of plants mound.	3.57/ plant	5598	0	5598
15.	Weeding on contour trenches and "V" ditches and spacing / singling	Prorata	592	0	592
16.	Raising of 70 seedlings in nursery for casualty replacement year -2 (10% of 700)	3.94/ seeding	196	101	297
17.	Watch and ward for 12 months @ Rs. 15325/- Month	Prorata	4351	0	4351
18.	Labour aminties and hut repair	Prorata	364	49	414
19.	Construction of approach road/inspection path	Prorata	428	0	428
20.	Construction of gate and fixing of sign board	Prorata	570	80	651
21.	Miscellaneous and unforeseen expenditure.	Prorata	174	32	206
	TOTAL YEAR 1		36566	1365	37931
22.	Administrative charges 10%				3793
	TOTAL				41724

First Year Maintenance (Year -2)

1.	Collection of dates regarding impact assessment and strengthening joint forest management	Prorata	0	73	73
2.	Maintenance 70 seeding in nursery for casualty replacement in year-2	2.11/plant	143	20	163
3.	Repair of Fencing	Prorata	252	0	252

4.	Casualty replacement 70 plants including redigging of pits, transportation planting, Watering and application of insecticides.	11.55/ Plant	862	39	901
5.	Weeding and hoeing in 700 plants in pits two times	3.57/plant	5598	0	5598
6.	Watch and ward for 12 months@ 15325/-	Prorata/ha	4351	0	4351
7.	Misc. and unforeseen expences including (additional watering and forest protection measures etc.	Prorata	380	238	617
TOTAL YEAR 2			11587	369	11956
8.	Administrative charges 10%				1196
TOTAL					13152

SUBSEQUENT MAINTENANCE (YEAR 3 TO 12)

1.	Collection of dates regarding impact and strengthening joint Forest Management	Prorata	0	73	73
2.	Watch and ward for 12 months @15325/-	Prorata	4351	0	4351
3.	Misc. and unforeseen expenditure including (repairing of fencing / structures pruning etc.	Prorata	776	289	1065
TOTAL YEAR 3			5128	362	5489
4.	Administrative charges 10%				549
TOTAL					6038

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Sr No.	Details of Work	Rate Per Hectare	Degraded Forest Land (DFL) Area (in Hectare)	Total Amount for CA (In Rupees)
1	0 Years (Advance Action)	45141	3.53	1,60,400 X 3.53 = 5,66,212/- (Five Lakhs, Sixty Six Thousand, Two
2	1st Year (Planting Year)	41724	3.53	

3	2nd Year Maintenance (Year-2)	13152	3.53	Hundred Twelve Rupees Only)
4	2nd Year Maintenance (Year-3)	6038	3.53	
5	Subsequent Maintenance (Year-4)	6038	3.53	
6	Subsequent Maintenance (Year-5)	6038	3.53	
7	Subsequent Maintenance (Year-6)	6038	3.53	
8	Subsequent Maintenance (Year-7)	6038	3.53	
9	Subsequent Maintenance (Year-8)	6038	3.53	
10	Subsequent Maintenance (Year-9)	6038	3.53	
11	Subsequent Maintenance (Year-10)	6038	3.53	
12	Subsequent Maintenance (Year-11)	6038	3.53	
13	Subsequent Maintenance (Year-12)	6038	3.53	
Amount for CA (As per Approved Model)		1, 60,399/- or Say 1,60,400/- Per ha.	3.53 ha.	

Place: Rajsamand

Date: 13.12.2021

(Signature)

Name

Designation

Official Seal.....

(फतेह सिंह राठीड़)

उप. वन संरक्षक

वन्यजीव, राजसमन्द