

**MODEL COST ESTIMATES FOR COMPENSATORY AFFORESTATION
ON ALLOTTED NON FOREST LAND**

UNIT: 50 Ha
PERIMETER: 60 M/Ha
LABOUR RATE: Rs 225/Day
COST ESTIMATE: in Rs./Ha

ADVANCE ACTION (0 YEAR)

S.No.	ITEMS	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of Base Data for Microplanning and carrying out joint forest management activities.	175/ha	525.00	50.29	575
2	Survey of area, lay out of contour trenches, bunds, pits and marking of segments / plots.	453/ha	413.03	50.29	463
3	Fencing by stone wall and or by ditch.		0.00	0	
	a) Stone wall fencing 1.20m high- 0.80m at base & 0.60 at top (on an average 30m/ha.)	225/rmt	6750.00	0	6750
	b) Ditch fencing 1.20m deep 1.50m wide at top & 0.90m at bottom (on average 30m/ha.)	245.13/rmt	7355.28	0	7355
4	Cost of raising 1210 seedlings in nursery.	3.93/ per	3033.80	1730.19	4764
5	Digging of 500 pits size: 0.45x1.4- 5/ha	17.59/ pit	8799.30	0	8799
6	Digging of 450 rmt Staggered Contour Trenches 45x45cm, 200 rmt on middle slopes and 50 rmt on steep slopes.	28.28/rmt	11315.49	0	11315
	Planting of 1210 saplings in 100 rmt pits on upper slopes and 50 rmt on steep slopes.	30.40/rmt	4557.39	0	4557
	Planting of 1210 saplings in 100 rmt pits on middle slopes and 50 rmt on steep slopes.	30.40/rmt	4557.39	0	4557
8	Procurement of the pillars of appropriate size and setting of iron pegs in the site with four square coller.	Prorate	71.83	97.37	109
10	Construction of approach road and inspect on path.	Prorate	248.24	0	248
11	Water charges @15325 per month for 4 months.	Prorate	1295.07	0	1295
12	Quantity of thatched cattle dung bed.	Prorate	126.76	78.11	204
13	Quantity of soil and other seeds.	Prorate	0.00	242.89	242
14	Quantity of seeds.	Prorate	82.59	85.6	138
15	Quantity of seeds and plants.	Prorate	0.00	110.71	110
16	Quantity of construction of water storage tank.	Prorate	70.77	48.15	119
17	Purchase of signboards and their fixing.	Prorate	28.52	92.07	121
18	Misc. and unforeseen expenses including running of vehicle.	Prorate	134.15	162.64	297
	TOTAL YEAR 0		41363.03	2747.76	44111
19	Accumulated charges 10%				4411
	Total				48522

**(सोनल जौरिहार)
उप वन संरक्षक
बून्ही (राज०)**

मुख्य वन संरक्षक (आर्वाचना)
राजस्थान जयपुर

YEAR I (PLANTING YEAR)

1	Collection of data regarding impact assessment and strengthening Joint Forest Management	Prorata	0.00	72.76	73
2	Layout of staggered/continuous contour trenches, V-ditches, contour dykes and pits etc. by contour survey in 1/4th area	71/ha	70.77	0	71
3	Digging of 600 pits of size 0.45 (4+5/2)*2 Cuft	17.59/ pit	10559.15	0	10559
4	Construction of silt detention dams/small anicut/dyck dams etc.	Prorata	2821.48	255.73	3077
5	Planting of 1210 seedling in nursery	2.11/ plant	2219.37	301.33	2561
6	Facilitation of natural regeneration by making collection strips/mound on the lower slopes of hillside and making pits making contour trenches around the natural trees/stumps (1250 plants/ha)	4.11/plant	614.75	0	615
7	Sowing of pellets of grass/pieces of seed mat/cakes of grass seeds between row of pits by ploughing and harrowing	Prorata	878.87	62.06	941
8	Sowing/ribbling of seeds of shrub species on the mound of staggered/continuous contour trenches, V ditch and ditch during the sowing of treatment of rows (800 plants)	0.59/ mt	207.04	11.77	219
9	Sowing of seeds of shrub spp. on 60 m x 1 m strip	Prorata	35.97	1.21	40
10	Translocation of 1100 plants from nursery to planting site	1.41/plant	1489.44	88.46	1538
11	Planting of 1100 seedlings including Reffline in pits	3.55/plant	4508.45	0	4508
12	Making of 1100 crescent shaped mounds below planter	2.16/plant	3939.08	0	3939
13	Planting of 1100 plants in pits	3.15/plant	3485.93	0	3486
14	Additional watering in case of long drought period in pits	3.57/plant	3485.92	0	3486
15	Weeding and hoeing of 1100 plants in 2 times	2.03/plant	7854.93	0	7854
16	Primary/initial hoeing of 1100 plants	1.95/ plant	2242.61	0	2243
17	Weeding and hoeing on staggered, continuous contour trenches and V ditch including Singling/Supplement in the	Prorata	706.69	0	707
18	Purchase of insecticide and Fertilizers for 1100 plants	0.82/plant	0.00	905.29	906
19	Replanting of 310 seedlings in nursery for casualty replacement in year 2 (10% of 1100)	3.93/seedling	275.70	157.29	434
20	Watch and ward @15325 per month for 12 months	Prorata	3885.21	0	3885
21	Special protection of frost tender species	Prorata	36.97	36.38	73
22	Labour amenities	Prorata	174.30	23.54	198
23	Repairs of fencing	193/mact	205.99	9.63	216
24	Repairs of check dams	Prorata	75.00	5.35	80
25	Minor loss of 10% interest on capital	Prorata	139.44	117.7	257
TOTAL YEAR I			49914.08	2071.52	51984
26	Security charges 10%				5198
					57182

उप वन संरक्षक (प्रशासन)
 प्रधान मुख्य वन संरक्षक
 प्रशिक्षण, अनुसंधान, शिक्षा एवं प्रसार
 राजस्थान, जयपुर

(सौनत जोरिहार)
 उप वन संरक्षक
 वृन्दी (राज०)

मुख्य वन संरक्षक (आयोजना)
 राजस्थान, जयपुर

First Year Maintenance (year 2)

1	Collection of data regarding impact assessment and strengthening Joint Forest Management.	Prorata	0.00	72.76	73
2	Maintenance of 110 Seedling in nursery for casualty replacement in 2nd year	2.15 /plant	201.76	31.03	233
3	Casualty replacement 110 plants including redigging of pits, transportation, planting, watering	11.55/plant	1201.06	69.55	1271
4	Sowing/dibbling of seeds of shrub species on the mounds of staggered/continuous contour trenches, "V" ditch and ditch fencing including pretreatment of seeds (185 mt.)	0.617/mt.	107.75	5.35	113
5	Weeding and hoeing in 1100 plants in pits in 2nd year	3.57/plant	7854.93	0	7855
6	Wooding with hoeing on staggered/continuous contour trenches and "V" ditch including singling/sharpening in the 1st sowing (185 mt.)	3.82/plant	707.75	0	708
7	Repair of fencing	216/ha	205.99	9.63	216
8	Repairing of check dams	Prorata	143.66	11.77	155
9	Planting of tree species to boost up the growth	Prorata	218.66	12.84	232
10	Wages of 1100/ha @ Rs. 15325/ month (only applicable to work done by employee)	Prorata	3885.21	0	3885
11	Miscellaneous unforeseen expenditure	Prorata	127.82	67.41	195
TOTAL YEAR 2			14654.58	280	14935
12	Administrative charges 10%				1493
TOTAL					16428

SUBSEQUENT MAINTENANCE (YEAR 3 TO 12)

1	Collection of data regarding impact assessment and strengthening Joint Forest Management.	Prorata	0.00	72.76	73
2	Sowing/dibbling of seeds of shrub species on the mounds of staggered/continuous contour trenches, "V" ditch and ditch fencing including pretreatment of seeds (185 mt.)	0.617/mt.	107.75	5.35	113
3	Repair of fencing	216/ha	205.99	9.63	216
4	Repairing of check dams	Prorata	7.39	6.42	14
5	Planting of tree species to boost up the growth	Prorata	108.80	4.28	113
6	Wages of 1100/ha @ Rs. 15325/ month (only applicable to work done by employee)	Prorata	3885.21	0	3885
7	Maintenance of Vehicles	Prorata	100.35	100.58	201
TOTAL YEAR 3			4415.49	199	4615
Administrative charges 10%					461
				Total	5076

GRAND TOTAL		
Year		48522
2nd year		57184
Second Year		16428
Third Year		5076
Fourth Year		5076
Fifth Year		5076
Sixth Year		5076
Seventh Year		5076
Eighth Year		5076
Ninth Year		5076
Tenth Year		5076
Eleventh Year		5076
Twelfth Year		5076
Total		172894
Say		173000


(सोनल जौरिहार)
उप वन संरक्षक
बून्दी (राज०)


उप वन संरक्षक (प्रशासनिक)
राजस्थान जयपुर

मुख्य वन संरक्षक (आर्थिक)
राजस्थान जयपुर

कार्यालय उप वन संरक्षक, बून्दी

Add. - Nainwa Road, Behind Head Post Office, Bundi - 323001

E-Mail:- dcf.bundi.forest@rajasthan.gov.in, Tel. No. 0747-2456823, Fax No. 0747-2457462

क्रमांक एफ2()वन संरक्षण/उवसं/2020/ 5395
निमित्त:-

दिनांक : 26/7/2021

संभागीय मुख्य वन संरक्षक,
कोटा।

विषय:- Submission of document for seeking prior approval of forest case proposal No. FP/RJ/ROAD/29812/2017 in respect Construction Laxmipura-Dora-Dabi-Ranaji Ka Guda NH-12.

प्रसंग:- अतिरिक्त प्रधान मुख्य वन संरक्षक नोडल अधिकारी राज0 जयपुर की ऑनलाइन क्यूरी दिनांक 15.06.2021 के क्रम में।

महोदय,

उपरोक्त विषयान्तर्गत निवेदन हैं कि कार्यालय प्रधान मुख्य वन संरक्षक राज0 जयपुर की ऑनलाइन क्यूरी का बिन्दुवार ऑनलाइन अपलोड कर हार्ड कॉपी आवश्यक कार्यवाही हेतु प्रेषित हैं:-

S.No.	Online Query	Reply
1	CA Estimate in not uploaded and attached	ऑनलाइन अपलोड कर दिया गया है। संलग्न है।
2	CA Estimate Should be given site specific not as per modal	वृक्षारोपण हेतु प्रस्तावित भूमि उप वन संरक्षक राष्ट्रीय चम्बल घडियाल अभ्यारण्य सवाईमाधोपुर के क्षेत्र में स्थित है। site specific मॉडल हेतु कार्यालय पत्रांक 4563 दिनांक 02.07.2021 से लिखा गया है। लेकिन आज दिनांक तक जवाब कार्यालय में प्राप्त नहीं हुआ है।
3	Condition taken by DCF should be taken in recomendation letter	अनुशंसा पत्र में शर्त का उल्लेख कर दिया गया है। पत्र के साथ संलग्न है।
4	No. of underpass and lenthg of the road should be maintained in the condition	वन भूमि में सड़क की लंबाई 20.204 किमी है। जिसमें 5 अण्डरपास प्रस्तावित किये हैं। अनुशंसा पत्र में उल्लेखित है।
5	Land suitability certificate in given by DCF NCS, wheather this land belongs to century ? if yes then why is it prposed in the wildlife area please clarify	हां, भूमि उपयुक्तता प्रमाण पत्र उप वन संरक्षक राष्ट्रीय चम्बल घडियाल सवाईमाधोपुर द्वारा प्रस्तुत किया गया है। भूमि सैचुरी से संबंधित है। पूर्व में चाकण परियोजना फिजिबल नहीं होने के कारण प्राप्त गैर वन भूमि ग्राम कोटाखुर्द तहसील इन्द्रगढ जिला बून्दी में कार्यालय जिला कलक्टर बून्दी के आदेश क्रमांक 830-37 दिनांक 18.02.2021 से समायोजन के आदेश तहत प्रस्तावित की गई है। जो पूर्व से ही कोटाखुर्द बी के नाम से नोटिफाईड वन भूमि है। (उप वन संरक्षक राष्ट्रीय चम्बल घडियाल सवाईमाधोपुर का संलग्न पत्र क्रमांक 1927 दिनांक 19.07.2021)
6	The allotment order for CA NFL is allotted for another proposal, than what happened of this chakan project what is current status of this land ? please clarify and submitte the details.	क्षतिपूर्ति वृक्षारोपण हेतु प्राप्त की जानी वाली भूमि पूर्व में चाकण परियोजना फिजिबल नहीं होने के कारण प्राप्त गैर वन भूमि ग्राम कोटाखुर्द तहसील इन्द्रगढ जिला बून्दी में कार्यालय जिला कलक्टर बून्दी के आदेश क्रमांक 830-37 दिनांक 18.02.2021 से समायोजन के आदेश प्रसारित किये गये। समायोजित वन भूमि कोटाखुर्द बी वनखण्ड के नाम से नोटिफाईड हैं एवं उप वन संरक्षक राष्ट्रीय चम्बल घडियाल अभ्यारण्य सवाईमाधोपुर के क्षेत्राधीन हैं।

संलग्न:- उपरोक्तानुसार।

भवदीय
(सोनल जौरिहार)
उप वन संरक्षक
बून्दी

Deputy Conservator of Forest, Bundi

RECOMMENDATION NOT BELOW THE RANK OF DCF

(For the Forest Land to be diverted under FCA)

Name of Project: Construction of Laxmipura-Dora-Dabi-Ranaji Ka Guda NH-12 Dist bundi.

Specific recommendation for acceptance or otherwise of the Proposal.
I recommend the Proposal for acceptance in Public interest on following two conditions

- 1- Since the proposed forest area Laxmipura-Dora-Dabi-Ranaji Ka Guda NH-12 will divide the protected forest land into two parts, It will become prone to encroachments, so for effective protection of remaining forest land on both the side of ROW pakki stone wall is required
- 2- Underpass must be constructed to ensure connectivity of wild animals in that stretch of forest land. Proposed underpass with gps in the area proposed as mentioned below.

1- 25°12'41"N 75°39'15"E

2- 25°10'04"N 75°38'1"E

3- 25°09'0"N 75°37'21"E

4- 25°6'56"N 75°35'22"E

5- 25°6'2"N 75°34'26"E

Proposal NO: FP/RJ/ROAD/29812/2017

Recommended Area: 32.3264 Ha.

Place : Bundi

Date: 19-07-2021



(Sonal Jourihar)

DY. CONSERVETAR FOREST

BUNDI

कार्यालय उप वन संरक्षक (वन्यजीव) राष्ट्रीय चम्बल धड़ियाल अभ्यारण, सवाईमाधोपुर

क्रमांक : एफ()एफसीए/उवसं/राचघअ/2020-21/

1927

दिनांक :19 .07.2021

निमित्त :

उप वन संरक्षक

बून्दी।


विषय : Submission of document for seeking prior approval of forest case proposal No. FP/RJ/ROAD/29812/2017 in respect Construction Laxmipura-Dora-Dabi-Rana ji ka Guda NH-12.

प्रसंग : आपके कार्यालय का पत्रांक एफ2()वन संरक्षण/उवसं/2020/4338 दिनांक 25.06.2021।

महोदय,

उपरोक्त विषयान्तर्गत प्रासंगिक पत्र से ऑनलाईन क्यूरी के बिन्दू संख्या 05 का जवाब निम्न से है :-

S. No.	EDS Point No.	Details of EDS	Reply of EDS
1	5	Land Suitability Certificate is given by DCF NCS, whether this land belongs to Sanctuary, If Yes, then why is it proposed in the Wildlife area, Please clarify.	Yes, presently the proposed land of CA of 32.3264 Ha. of village – Kota Khurd, Tehsil Indargarh District-Bundi, is in possession to NCS, Sawaimadhopur. This land was allotted to Forest Department by District Collector, Bundi vide order no. F8(S)राजस्व/94/1927-35 dated 15.06.1999. Presently, this land is surplus land and available as Land Bank with Forest Department, Bundi due to Chakhan Dam Project was completed without affected of such allotted Forest Land. Now District Collector, Bundi vide order no. प-8-5(1)राजस्व 2019/830-37 Dated 18.02.2021, has adjusted 32.3264 Ha. land for CA land from such Land Bank already available with Forest Department, Bundi.


उप वन संरक्षक (वन्यजीव)
राष्ट्रीय चम्बल धड़ियाल अभ्यारण
सवाईमाधोपुर

OFFICE OF THE PROJCT DIRECTOR (PPP) PWD, KOTA

Name of Project Construction of NH-12-Laxmipura-Dora-Dabi-Ranaji Ka Gurha (SH - 115) in District Bundi, Rajasthan.

Details of passings under the Road through Major & Minor Bridges

S. No.	Description	Details			Remarks
		From	To	Length (Kms)	
1	Total Length of Project	0.000	48.100	48.100	Project Length in Bundi District 48.100 Km
		48.100	49.600	1.500	Project Length in Bhilwara District 1.500 Km
2	Length of Project Falling on front level	7.420	9.338	1.918	Forest Segments Chainages.
		13.579	25.741	12.162	
		28.250	31.450	3.200	
		37.606	38.576	0.970	
		39.548	40.782	1.234	
		46.679	47.399	0.720	
		Total		20.204	
3	Proposed RoW	16.00 Mtr			
4	Major Bridge	1 (Ch 41.700)			At Chainage Km 41/700 (9x10.00 Mtr) a Major Bridge of 9 nos. span of 10 Mtr each are to be provided. This Major Bridge will act as a underpass for wild animals movement from forest area.
5	Minor Bridge	2 (Ch 13.520 & 16.115)			At Chainage Km 13/520 & 16/115 (4x10 Mtr each) The 2 nos. Minor Bridge of 4 nos. span of 10 Mtr each are to be provided. These Minor Bridges will act as the underpasses for wild animals movement from forest area.

CS.

(सोनल जौरिहार)
उप वन संरक्षक
बुन्दी (राज०)

6/2/2010
(Sandeep Agrawal)
Project Director
PPP, PWD, Kota