


कार्यालय उप वन संरक्षक , भीलवाडा

क्षतिपूर्ति वृक्षारोपण योजना

एस.एच. 29 (कि.मी. 139/500) से लोरडा अन्तर्गत 2.76 वन भूमि प्रत्यावर्तन
प्रकरण Rajasthan Road Sector Modernization Project FP/RJ/ROAD/20888/2016

वनमण्डल भीलवाडा के अधीन आर.आर.एस.एम.पी.योजनान्तर्गत पी.डब्ल्यू.डी. शाहपुरा द्वारा प्रेषित प्रस्ताव एस.एच. 29 (कि.मी. 139/500) से लोरडा अन्तर्गत 2.76 वन भूमि प्रत्यावर्तन प्रकरण Rajasthan Road Sector Modernization Project FP/ RJ/ ROAD/ 20888/ 2016 अन्तर्गत प्रत्यावर्तित होने वाली वन भूमि 2.76 हैक्टर की एवज में प्राप्त गैर वन भूमि वृक्षारोपण के लिए निर्धारित मॉडल अनुसार राशि 2.76 है. X 155000 प्रति है. = 427800/- की मांग यूजर एजेन्सी से अपेक्षित है। वर्षवार मॉडल कॉस्ट की प्रति संलग्न है एवं मॉडल अनुसार वृक्षारोपण कराया जाना प्रस्तावित है।


(एच.एस.हापावत)
उप वन संरक्षक,
भीलवाडा

MODEL COST ESTIMATES FOR COMPENSATORY AFFORESTATION

2017

ON ALLOTTED NON FOREST LAND

UNIT :

50 Ha

PERIMETER:

60 M/Ha.

LABOUR RATE:

Rs.201/Day

COST ESTIMATE:

in Rs./Ha.

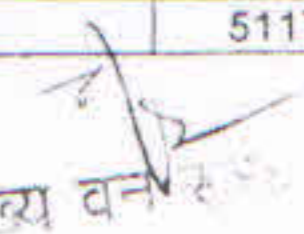
ADVANCE ACTION (0 YEAR)

S.No	ITEMS	RATE (Rs.)	LABOUR	MATERIAL	TOTAL
			COMPONENT	COMPONENT	
1	Collection of Basic Datas for Microplanning and carrying out joint forest managment activities.	516 / ha	469	47	516
2	Survey of area, lay out of contour trenches, burrowpits and making of segments / plots	416/ha	369	47	416
3	Fencing by stone wall and or by ditch.				
	a.) Stone wall fencing 1.20m high 0.80m at base & 0.60 at top (on an average 30m/ha.)	201/rmt	6030	0	6030
	b.) Ditch fencing 1.20m deep, 1.50m wide at top & 0.90m at bottom (on an average 30m/ha.)	219/rmt	6570	0	6570
4	Cost of raising 1210 seedlings in nursery.	3.57/- per	2703	1617	4320
5	Digging of 500 pits size: 0.45x(.4+.5/2)2	15.72/ pit	7860	0	7860
6	Digging up 400 rmt Staggered Contour Trenches 45x45cm cross section on middle slopes and V-ditch as per site requirement	25.27/rmt	10108	0	10108
7	Construction of 15 mt. long contour dykes of 30X30 cm. cross section on upper slopes and sowing of suitable thorny shrub species seeds along its innerside	27.20/ rmt.	408	0	408
8	Treatment of Nallas by construction series of Checkdams of dry ramdom rubble/earthan/brushwood	Prorata	586	0	586
9	Construction of the pillars of appropriate size and fixing of iron pipe gate with four square column	Prorata	64	91	155
10	Construction of approach road and inspection path	Prorata	221	0	221
11	Watch and ward @13600 per month for 4 months	Prorata	1157	0	1157
12	Construction of Thatched cattle guard hut.	Prorata	113	73	186
13	Cost of grass and other seeds	Prorata	0	227	227
14	Labour aminities	Prorata	73	80	153
15	Purchase of tools and plants	Prorata	0	103	103
16	Purchase or construction of water storage tank.	Prorata	63	45	108
17	Purchase of signboards and their fixing	Prorata	25	86	111
18	Misc and unforeseen expenses including running of vehicles	Prorata	119	152	271
	TOTAL YEAR 0		36938	2568	39506
19	Administrative charges 10%				3951
	TOTAL				43457

मुख्य वन संरक्षक
(विान) राजस्थान
संरक्षण सत्रिक माडल कम्पोजिट वनिक

YEAR I (PLANTING YEAR)

1	Collection of data regarding impact assesment and strengthening Joint Forest Management.	Prorata	0	68	68
2	Layout of of staggered/continuous contour trenches, V-ditches, contour dykes and pits etc. by contour survey in 1/4th area	63/ha	63	0	63
3	Digging of 600 pits of size 0.45 (4+5/2)*2 Cum	15.72/ pit.	9432	0	9432
4	Construction of silt detention dams/smal anicut/check dams, etc.	Prorata	2520	239	2759
5	Maintenance of 1210 seedling in nursery	1.90 / plant	1980	319	2299
6	Restoration of natural regeneration by making crescent shapad mounds on the lower slopes of seedling and sapling and making ring trenches around the natural trees/shrubs. (150 plant/ ha)	3.66/plant	549	0	549
7	Sowing of pellats of grass/pieces of seed mud cakes of grass seeds between row of pits by ploughing and furrowing.	Prorata	785	58	843
8	Sowing/dibbling of seeds of shurb species on the mounds of staggered/continuous contour trenches, "V" ditch and ditch fencing including pretreatment of seeds (370 rmt.)	0.53/ rmt.	185	11	196
9	Sowing of seeds of shrub spp. on 60 mt. "V" ditch	Prorata	33	3	36
10	Transportation of 1100 plants from nursery to planting site	1.27/plant	1333	64	1397
11	Planting of 1100 seedlings including Refilling of pits	3.66/plant	4026	0	4026
12	Making of 1100 crescent shaped mounds below planted sapling after planting and dibbling 2 or 3 seeds of shrub species on the mound.	3.20/plant	3520	0	3520
13	Spot watering & application of insecticides in 1100 plants in case of advance planting.	2.83/plant	3113	0	3113
14	Additional watering in case of long drought spell with insecticide.	2.83/plant	3113	0	3113
15	Weeding and hoeing of 1100 plants in 2 times.	3.19/plant	7018	0	7018
16	One additional hoeing of 1100 plants.	1.82/ plant	2002	0	2002
17	Wedding and hoeing on staggered/ continuous contour trenches and 'V' ditch including Singling/spacement in the line sowing.	Prorata	631	0	631
18	Purchase of insecticide and Fertilizers for 1100 plants	0.77/plant	0	847	847
19	Raising of 110 seedlings in nursery for casualty replacement in year-2 (10% of 1100)	3.57/seedling	246	147	393
20	Watch and ward @13600 per month for 12 months	prorata	3471	0	3471
21	Special protection of frost tender species.	Prorata	33	34	67
22	Labour aminities.	Prorata	155	22	177
23	Repairs of fencing.	193/hact.	184	9	193
24	Repairs of check dams	Prorata	67	5	72
25	Micellaneous and unforeseen expenditure.	Prorata	124	110	234
TOTAL YEAR 1			44583	1936	46519
26	Administrative charges 10%				4652
TOTAL					51171


 गण्डक वन संरक्षण
 प्रशासकीय सहायक
 सदस्य समित्त भोजपुर अनुमोदक समिति

First Year Maintenance (year 2)

1	Collection of datas regarding impact assesment and strengthening Joint Forest Management.	Prorata	0	68	68
2	Maintenance of 110 Seedling in nursery for casualty replacement in 2nd year	1.90 /plant	180	29	209
3	Casualty replacement 110 plants including redigging of pits, transportation planting, watering	10.34/plant	1072	65	1137
4	Sowing/dibbling of seeds of shurb species on the mounds of staggered/continuous contour trenches, "V" ditch and ditch fencing including pretreatment of-seeds (185 m.)	0.54/ rmt.	95	5	100
5	Weeding and Hoeing in 1100 plants in pits two times	3.19/plant	7018	0.00	7018
6	Wedding and hoeing on staggered/ continuous contour trenches and 'V' ditch including Singling/ spacemnt in the line sowing. (185 rmt.)	3.41/plant.	631	0.00	631
7	Repair of fencing	193/-ha.	184	9	193
8	Repairing of Check dams	Prorata	128	11	139
9	Pruning of Trees species to boost up the growth	Prorata	195	12	207
10	Wages of Chowkidar @ Rs. 13600/ month (only applicable to work chage employee)	prorata	3471	0	3471
11	Misc. and unforeseen expenditure	prorata	112	63	175
TOTAL YEAR 2			13086	262	13348
12	Administrative charges 10%				1335
TOTAL					14683


SUBSEQUENT MAINTENANCE (YEAR 3 TO 12)

1	Collection of datas regarding impact assesment and strengthening Joint Forest Management.	Prorata	0	68	68
2	Sowing/dibbling of seeds of shurb species on the mounds of staggered/continuous contour trenches, "V" ditch and ditch fencing including pretreatment of seeds (185 m.)	0.54/ rmt.	95	5	100
3	Repair of fencing	193/hact.	184	9	193
4	Repairing of Check dams	Prorata	6	6	12
5	Pruning of Trees species to boost up the growth	Prorata	97	4	101
6	Wages of Chowkidar @ Rs. 9720/- month (only applicable to work chage employee)	prorata	3474	0	3474
7	Maintenance of Vehicles	prorata	89	94	183
TOTAL YEAR 3.			3945	186	4131
Administrative charges 10%					413

			Total		4544
GRAND TOTAL					
0Year			43457		
First Year			51171		
Second Year			14683		
Third Year			4544		
Fourth Year			4544		
Fifth Year			4544		
Sixth Year			4544		
Seventh Year			4544		
Eighth year			4544		
Ninth Year			4544		
Tenth Year			4544		
Eleventh Year			4544		
Twelth Year			4544		
Total			154751		
Say			155000		

प्रस्तावित रूमि 2.76 हे. में
 आग लक्ष पाए
 $2.76 \text{ हे.} \times 155000 = 427800 = ₹$


 (एच. एस. हापावती)
 उप वन संरक्षक
 भीलवाड़ा


 मुख्य वन संरक्षक
 (ज्वालन), राजस्थान, जयपुर एवं
 सदस्य सचिव प्रांतीय मनुष्योपयोग समिति