

कार्यालय प्रधान मुख्य वन संरक्षक (वन बल प्रमुख) राजस्थान,

अरण्य भवन, झालाना सांस्थानिक क्षेत्र, जयपुर-302004

ई-मेल:-ccf.fca.rajasthan@gmail.com Tel. No. 0141-2713949

क्रमांक: एफ. 14(सी.ए. मॉडल)2020 / एफसीए / प्रमुवसं / 1863

दिनांक 10/7/24

समस्त वनाधिकारीगण

विषय:-क्षतिपूर्ति वृक्षारोपण हेतु वसूल की जाने वाली संशोधित एवं स्वीकृत दरों की पालना करने बाबत।

संदर्भ:-शासन उप सचिव राजस्थान सरकार वन विभाग जयपुर का पत्रांक प. 1 (357)वन/1997-पार्ट दिनांक 08.07.2024

महोदय,

विषयान्तर्गत राज्य सरकार के संदर्भित आदेश दिनांक 8.7.2024 के द्वारा क्षतिपूर्ति वृक्षारोपण (गैर वन भूमि एवं पारिभ्रांषित वन भूमि) में पूर्व में जारी दरों में संशोधन कर निम्नानुसार नवीन दर तय किये जाने की स्वीकृति प्रदान की गयी है:-

1	गैर वन भूमि (NFL) पर क्षतिपूर्ति वृक्षारोपण हेतु: (1) 5 है० क्षेत्र हेतु: (2) 25 है० क्षेत्र हेतु: (3) 50 है० क्षेत्र हेतु:	777500 रु.(सात लाख सतहत्तर हजार पाँच सौ मात्र)प्रति है० 410000 रु. (चार लाख दस हजार मात्र) प्रति है० 339000 रु. (तीन लाख उनचालीस हजार मात्र) प्रति है०
2	पारिभ्रांषित वन भूमि (DFL) पर क्षतिपूर्ति वृक्षारोपण हेतु: (1) 5 है० क्षेत्र हेतु: (2) 25 है० क्षेत्र हेतु: (3) 50 है० क्षेत्र हेतु:	540000 रु. (पाँच लाख चालीस हजार मात्र) प्रति है० 263000 रु. (दो लाख तिरेसठ हजार मात्र) प्रति है० 223000 रु. (दो लाख तेईस हजार मात्र) प्रति है०

उक्त दरें दिनांक 05.07.2024 से प्रभावी रहेगी। अतः समस्त वनाधिकारीगण को निर्देशित किया जाता है कि वन संरक्षण एवं संवर्धन अधिनियम, 1980 के अंतर्गत वनभूमि प्रत्यावर्तन प्रकरणों में क्षतिपूर्ति वृक्षारोपण योजना (गैर वन भूमि एवं पारिभ्रांषित वन भूमि) उक्त दरों को ध्यान में रखते हुए बनायी जावे। अधिक बदलाव होने की स्थिति में योजना को संबंधित मुख्य वन संरक्षक से अनुमोदित करावें।

सलग्न:-उपरोक्तानुसार।

भवदीया,

Shirwa

(शिखा मेहरा)

प्रधान मुख्य वन संरक्षक,
एवं नोडल अधिकारी एफसीए,
राजस्थान, जयपुर

दिनांक 10/7/24

क्रमांक: एफ. 14(सी.ए. मॉडल)2020 / एफसीए / प्रमुवसं / 1864-66

प्रतिलिपि:-निम्न को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित है:-

- उप शासन सचिव (वन) शासन सचिवालय, राजस्थान जयपुर को उनके पत्र दिनांक 8.7.2024 के कम में
- प्रधान मुख्य वन संरक्षक, सूचना प्रौद्योगिकी को प्रेषित कर निवेदन है कि उक्त अनुमोदित मॉडल को विभागीय वेबसाईट पर अपलोड करने की व्यवस्था करावे।
- मुख्य वन संरक्षक, आयोजना एवं सदस्य सचिव मॉडल समिति कार्यालय हाजा।

(दिनेश कुमार गुप्ता)

उप वन संरक्षक (एफ.सी.ए.)
अरण्य भवन, जयपुर

राजस्थान सरकार वन विभाग

क्रमांकप.1(357)वन/1997-पार्ट

जयपुर, दिनांक :

प्रधान मुख्य वन संरक्षक (हॉफ),
राजस्थान जयपुर

विषय:- क्षतिपूर्ति वृक्षारोपण हेतु वसूल की जाने वाली संशोधित दरों को स्वीकृत करने
बाबत।

सन्दर्भ:- आपका पत्र क्रमांक एफ. 14() 2022 / एफसीए / प्रमुवंस / 8212 दि. 30.11.2023

महोदय,

उपरोक्त विषयान्तर्गत सन्दर्भित पत्र के क्रम में क्षतिपूर्ति वृक्षारोपण (गैर वन भूमि एवं पारिश्रांषित वनभूमि पर) हेतु पूर्व में तय की गयी दरों में संशोधन कर निम्नानुसार दर तय किये जाने की स्वीकृति एतद्वारा प्रदान की जाती है:-

1	गैरवनभूमि पर (NFL) क्षतिपूर्ति वृक्षारोपण हेतु : (1) 5 है. क्षेत्र हेतु : (2) 25 है. क्षेत्र हेतु : (3) 50 है. क्षेत्र हेतु :	777500 रु. (सात लाख सतहत्तर हजार पाँच सौ मात्र) प्रति है0 410000 रु. (चार लाख दस हजार मात्र) प्रति है0 339000 रु. (तीन लाख उनचालीस हजार मात्र) प्रति है0
2	पारिश्रांषित वनभूमि (DFL) पर क्षतिपूर्ति वृक्षारोपण हेतु : (1) 5 है. क्षेत्र हेतु : (2) 25 है. क्षेत्र हेतु : (3) 50 है. क्षेत्र हेतु :	540000 रु. (पाँच लाख चालीस हजार मात्र) प्रति है0 263000 रु. (दो लाख तिरैसठ हजार मात्र) प्रति है0 223000 रु. (दो लाख तेईस हजार मात्र) प्रति है0

उक्त वर्णित दरें दिनांक 05.07.2024 से प्रभावी होगी।

भवदीय,

(अशोक कुमार योगी)
शासन उप सचिव

क्रमांकप.1(357)वन/1997-पार्ट जयपुर, दिनांक :

प्रतिलिपि:- निम्नांकित को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित है:-

1. प्रधान महालेखाकार, लेखा परीक्षक एवं निगंत्रक, राजस्थान जयपुर।
2. प्रमुख शासन सचिव/अति. मुख्य सचिव, जल संसाधन विभाग/सार्वजनिक निर्माण विभाग/जनस्वास्थ्य एवं अभियांत्रिकी विभाग/खान विभाग/ऊर्जा विभाग, राजस्थान, जयपुर।
3. प्रधान मुख्य वन संरक्षक एवं मुख्य वन्यजीव प्रतिपालक, राजस्थान जयपुर।
4. प्रधान मुख्य वन संरक्षक एवं नोडल ऑफिसर, एफ.सी.ए., राजस्थान, जयपुर।
5. अतिरिक्त प्रधान मुख्य वन संरक्षक, कार्य आयोजना एवं वन बन्दोबस्त, राजस्थान, जयपुर।

Signature valid



Digitally signed by Ashok Kumar Yogi
Designation : Deputy Secretary To
Government
Date: 2024.07.08 18:24:48 IST
Reason: Approved
8732284

MODEL COST ESTIMATES FOR COMPENSATORY AFFORESTATION ON ALLOTTED NON FOREST LAND

UNIT: 5 Ha
PERIMETER: 180 M/Ha
LABOUR RATE: Rs.259/Day
COST ESTIMATE: In Rs./Ha.

ADVANCE ACTION (0 YEAR)

S.No.	ITEMS	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of Basic Datas for Microplanning and carrying out joint forest management activities.	1309.88 / ha	1208.66	101.22	1310
2	Survey of area, lay out of contour trenches, burrowpits and making of segments / plots	771.26/ha	694.14	77.12	771
3	a.) Construction of pucca wall 1.20 meter height 0.50 meter base and 0.38 meter top (60meter/ha.)	3059/rmt	121136.00	62404	183540
	b.) Loose Stone wall fencing 1.20m high 0.80m at base & 0.60 at top (60m/ha.)	371.95/rmt	22317.00	0	22317
	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) (60m/ha.)	200.0/rmt	2400.00	9600	12000
4	Digging of 500 pits size: 0.45x(4+5/2) ²	20.27/ pit	10135.00	0	10135
5	Layout of of staggered/continuous contour trenches, V-ditches, contour dykes and pits etc. by contour survey in	81.47/ha	81.47	0	81
6	Digging up 400 rmt Staggered Contour Trenches 45x45cm cross section on middle slopes and V-ditch as per site requirement	32.38/rmt	12952.00	0	12952
7	In situ Soil and moisture Conservation works including check dams, percolation tank, earthen bund etc.	Prorata	4965.17	0	4965
8	Construction of the pillars of appropriate size and fixing of iron pipe gate with four square column	Prorata	82.69	97.37	180
9	Construction of approach road and inspection path	Prorata	285.75	0	286
10	Watch and ward @ 259 per day for 4 months	Prorata	6302.63	0	6303
11	Construction of Thatched cattle guard hut/Shade.	Prorata	390.00	210	600
12	Cost of grass and other seeds (3 kg grass seed and 3 kg tree species seed	Prorata	0.00	250	250
13	Labour amenities	Prorata	94.85	85.6	180
14	Construction of water storage tank.	Prorata	81.47	48.15	130
15	Purchase of signboards and their fixing	Prorata	32.83	92.02	125
16	Misc. and unforeseen expenses including running of vehicles	Prorata	154.43	2.64	317
	TOTAL YEAR 0		183314.08	73128.12	256442
					25644
17	Administrative charges 10%				282086
	TOTAL				

YEAR I (PLANTING YEAR)

1	Collection of datas regarding impact assesment and strengthening Joint Forest Management.	Prorata	0.00	72.76	73
2	Digging of 500 pits of size 0.45 (4+5/2) ² Cum	20.27/ pit	10135.00	0	10135

संयोजक (प्रशासन)
कार्यालय प्रधान मन्त्री वन
भारत सरकार, नई दिल्ली

(संयोजक/यादव)
मुख्य वन संरक्षक (आयोजना)
भारत सरकार, नई दिल्ली

3	Purchase/maintenance of 1100 seedling of 3 to 5 feet height plant	40/plant	0.00	44000	44000
4	Restoration of natural regeneration by making crescent shaped mounds on the lower slopes of seedling and sapling and making ring trenches around the natural trees/shrubs.	Parola	1295.00	0	1295
5	Sowing of pellets of grass/pieces of seed mud cakes of grass seeds between row of pits by ploughing and furrowing.	Prorata	1011.68	62.06	1074
6	Sowing/dibbling of seeds of shrub species on the mounds of staggered/continuous contour trenches, and ditch fencing including pretreatment of seeds (400 rmt.)	0.58/ rmt.	232.00	0	232
7	Transportation of 1100 plants from nursery to planting site including loading and unloading	3.65/plant	3398.11	616.53	4015
8	Planting of 1000 seedlings including Refilling of pits	7.75/plant	7750.00	0	7750
9	Making of 1000 crescent shaped mounds below planted sapling after planting and dibbling 2 or 3 seeds of shrub species on the mound.	7.20/plant	7200.00	0	7200
10	Purchase and application of insecticides, fertilizer, plant growth hormone etc. in 1000 plants	4.92/plant	3978.60	941.6	4920
11	Watering with insecticide to the plants . (2 times) for 1000 plants (Total 2000 plants) min 15 lit.	8.0/plant	16000.00	0	16000
12	Weeding and hoeing of 1000 plants in 2 times. (Total 2000 plants)	4.65/plant	9300.00	0	9300
13	Hoeing of the plants before watering of 1000 plants in 2 times (Total 2000 plants)	2.32/plant	4640.00	0	4640
14	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
15	Vatch and ward @259 per day for 12 months	prorata	18907.00	0	18907
16	Special protection of frost tender species.	Prorata	42.56	36.38	79
17	Labour amenities.	Prorata	200.63	23.54	224
18	Micellaneous and unforeseen expenditure including running of vechile.	Prorata	160.51	117.7	278
19	TOTAL YEAR 1		86075.09	45870.57	131946
20	Cost escalation in labour amount due to increase in wage rate @5%		4303.75	0	4304
21	Administrative charges 10%				13195
	TOTAL				149444

First Year Maintenance (year 2)

1	Collection of datas regarding impact assesment and strengthening Joint Forest Management.	Prorata	0.00	72.76	73
2	Purchasing /maintenance of 110 seedlings for casulty replacement plant size (3 to 5 feet height)	40/plants	0.00	4400	4400
3	Casualty replacement 100 plants including redigging of pits, transportation planting, watering	13.42/plant	1295.00	47.1	1342
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 (400 m.)	0.61/ rmt.	232.00	0	232
5	Watering with insecticide to the plants . (2 times) for 1000 plants (Total 2000 plants) min 15 lit.	8.0/plant	16000.00	0	16000

उप वन संरक्षक (प्रशासन)
कार्यालय प्रधान मुख्य वन सहायक

(सेडूराम धोदव)
मह्य वन संरक्षक (आयोजना)

	Weeding and Hoeing in 1000 plants in pits two times Total 2000 plants)	4.65/plant	9300.00	0	9300
7	Hoeing of the plants before watering of 1000 plants in 2 times (Total 2000 plants)	2.32/plant	4640.00	0	4640
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	Repair of fencing	Prorata	237.11	9.63	247
10	Repairing of Check dams / WHS	Prorata	165.37	11.77	177
11	Pruning of Trees species to boost up the growth	Prorata	251.70	12.84	265
12	Wages of Chowkidar @ Rs.259/ day for 12 month (only applicable to work chage employee)	prorata	18907.00	0	18907
13	Misc. and unforeseen expenditure including running of vechile	prorata	147.13	67.41	215
	TOTAL YEAR 2		52999.32	4622	57621
13	Cost escalation in labour amount due to increase in wage rate @10%		5299.93	0	5300
14	Administrative charges 10%				5762
	TOTAL				68683

Second Year Maintenance (Year 3)

1	Collection of datas regarding impact assesment and strengthening Joint Forest Management.	Prorata	0	72.76	73
2	Watering with insecticide to the plants . (1 times) for 1000 plants (Total 1000 plants) min 15 lit.	8.0/plant	8000.00	0	8000
3	Hoeing of the plants before watering of 1000 plants in 1 times (Total 1,000 plants)	2.32/plant	2320.00	0	2320
4	Pruning of Trees species to boost up the growth	Prorata	125.24	4.28	130
5	Wages of Chowkidar @ Rs.259/ day for 12 month	prorata	18907.00	0	18907
6	Misc. and unforeseen expenditure including running of vechile	prorata	147.13	67.41	215
	Total Year 3		29499.37	144.45	29644
7	Cost escalation in labour amount due to increase in wage rate 15%		4424.9055	0.00	4425
9	Administrative charges 10%				2964
	Grand Total				37033

Third Year Maintenance (Year 4)

1	Collection of datas regarding impact assesment and strengthening Joint Forest Management.	Prorata	0	72.76	73
2	Pruning of Trees species to boost up the growth	Prorata	125.24	4.28	130
3	Wages of Chowkidar @ Rs.259/ day for 12 month (only applicable to work chage employee)	prorata	18907.00	0	18907
4	Misc. and unforeseen expenditure including running of vechile	prorata	147.13	67.41	215
	Total Year 4		19179.37	144.45	19324
7	Cost escalation in labour amount due to increase in wage rate 20%		3835.8	0.00	3836
8	Administrative charges 10%				1932
	Grand Total				25092

Fourth Year Maintenance (Year 5)

1	Collection of datas regarding impact assesment and strengthening Joint Forest Management.	Prorata	0	72.76	73
4	Pruning of Trees species to boost up the growth	Prorata	125.24	4.28	130
5	Wages of Chowkidar @ Rs.259/ day for 12 month (only applicable to work chage employee)	prorata	18907.00	0	18907
6	Misc. and unforeseen expenditure including running of vechile	prorata	147.13	67.41	215

उप वन संरक्षण निगरानी
कार्यालय, उदयपुर, जिला, क. सं. ७५१००१

सुदराम यादव)
संयोजक (आयोजना)

Total Year 5		19179.37	144.45	19324
7	Cost escalation in labour amount due to increase in wage rate 25%	4794.8425	0.00	4795
8	Administrative charges 10%			1932
Grand Total				26051
SUBSEQUENT MAINTENANCE (YEAR 6 TO 12)				
1	Collection of datas regarding impact assesment and strengthening Joint Forest Management.	Prorata	0.00	72.76
2	Pruning of Trees species to boost up the growth	Prorata	125.24	4.28
3	Wages of Chowkidar @ Rs. 259/- day for 12 month	prorata	18907.00	0
4	Miscellaneous expenditure including Maintenance of Vehicles, repaire of fencing etc.	prorata	147.13	67.41
TOTAL YEAR 6-12,		19179.37	144	19324
5	Cost escalation in labour component due to increase in wage rate @30%	5753.81	0	5754
6	Administrative charges 10%			1932
Total				27010
GRAND TOTAL				
0Year		282086		
First Year		149444		
Second Year		68683		
Third Year		37033		
Fourth Year		25092		
Fifth Year		26051		
Sixth Year		27010		
Seventh Year		27010		
Eighth year		27010		
Ninth Year		27010		
Tenth Year		27010		
Eleventh Year		27010		
Twelth Year		777460		
Total		777500		
Say				

- Note:
1. The model is prepared as per directions of MoEF & CC Goi New Delhi.
 2. The cost of NFL varies from 595000/- to 1110000/- due to fencing cost. DCF/CCF may ensure the fencing with respect to protection measures.
 3. If the total 1000 plants has not to be planted in proposed site, balance plants may be planted in Degarded Forest land
 4. Models are indicative any deviation can be approved by competent authority as per site specific condition

उप वन संरक्षक (प्रशासन)
कार्यालय प्रधान मुख्य वन संरक्षक
सी.आर.ई.ई. राज., जयपुर

(र. इरामायादव)
मुख्य वन संरक्षक (आयोजना)
राजस्थान, जयपुर

MODEL COST ESTIMATES FOR COMPENSATORY AFFORESTATION ON ALLOTTED NON FOREST LAND

UNIT: 25 Ha
PERIMETER: 90 M/Ha.
LABOUR RATE: Rs 259/Day
COST ESTIMATE: In Rs./Ha.

ADVANCE ACTION (0 YEAR)

S.No.	ITEMS	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of Basic Datas for Microplanning and carrying out joint forest managment activities.	1309.88 / ha	1208.66	101.22	1310
2	Survey of area, lay out of contour trenches, burrowpits and making of segments / plots	771.26/ha	694.14	77.12	771
3	a) Construction of puccka wall 1.20 meter height 0.50 meter base and b. 38 meter top (30meter/ha.)	3059/rmt	60568.00	31202	91770
	b.) Loose Stone wall fencing 1.20m high 0.80m at base & 0.60 at top (30m/ha.)	371.95/rmt	11158.50	0	11159
	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) (30m/ha.)	200.0/rmt	1200.00	4800	6000
4	Digging of 500 pits size: 0.45x(.4+5/2)2	20.27/ pit	10135.00	0	10135
5	Layout of of staggered/continuous contour trenches, V-ditches, contour dykes and pits etc. by contour survey in 1/4th area	81.47/ha	81.47	0	81
6	Digging up 400 rmt Staggered Contour Trenches 45x45cm cross section on middle slopes and V-ditch as per site requirement	32.38/rmt	12952.00	0	12952
7	In situ Soil and moisture Conservation works including check dams, percolation tank, earthen bund etc.	Prorata	4965.17	0	4965
8	Construction of the pillars of appropriate size and fixing of iron pipe gate with four square column	Prorata	82.69	97.37	180
9	Construction of approach road and inspection path	Prorata	285.75	0	286
10	Watch and ward @ 259 per day for 4 months	Prorata	1260.43	0	1260
11	Construction of Thatched cattle guard hut.	Prorata	390.00	210	600
12	Cost of grass and other seeds (3 kg grass seed and 3 kg tree species seed	Prorata	0.00	250	250
13	Labour aminities	Prorata	94.85	85.6	180
14	Construction of water storage tank.	Prorata	81.47	48.15	130
15	Purchase of signboards and their fixing	Prorata	32.83	92.02	125
16	Misc. and unforeseen expenses including running of vehicles	Prorata	154.43	162.64	317
	TOTAL YEAR 0		105345.38	37126.12	142472
17	Administrative charges 10%				14247
	TOTAL				156719

YEAR I (PLANTING YEAR)

1	Collection of datas regarding impact assesment and strengthening Joint Forest Management.	Prorata	0.00	72.76	73
2	Digging of 500 pits of size 0.45 (4+5/2)*2 Cum	20.27/ pit.	10135.00	0	10135
3	Purchase/maintenece of 1100 seedling of 3 to 5 feet height plant	40/plant	0.00	44000	44000
4	Restoration of natural regeneration by making crescent shaped mounds on the lower slopes of seedling and sapling and making ring trenches around the natural trees/shrubs.	Parota	1295.00	0	1295
5	Sowing of pellets of grass/pieces of seed mud cakes of grass seeds between row of pits by ploughing and furrowing.	Prorata	1011.68	62.06	1074

उप न संरक्षक (प्रधान)
कार्यालय प्रधान मुख्य वन सहायक
टी.आर.ई.ई. राज., जयपुर

(सुद्धराम यादव)
मुख्य वन संरक्षक (आयोजना)
राजस्थान, जयपुर

	Sowing/dibbling of seeds of shrub species on the mounds of staggered/continuous contour trenches, and ditch fencing including pretreatment of seeds (400 rmt.)	0.58/ rmt.	232.00	0	232
7	Transportation of 1100 plants from nursery to planting site including loading and unloading	3.65/plant	3398.11	616.53	4015
8	Planting of 1000 seedlings including Refilling of pits	7.75/plant	7750.00	0	7750
9	Making of 1000 crescent shaped mounds below planted sapling after planting and dibbling 2 or 3 seeds of shrub species on the mound.	7.20/plant	7200.00	0	7200
10	Purchase and application of insecticides, fertilizer, plant growth hormone etc. in 1000 plants	4.92/plant	3978.60	941.6	4920
11	Watering with insecticide to the plants . (2 times) for 1000 plants (Total 2000 plants) min 15 lit.	8.0/plant	16000.00	0	16000
12	Weeding and hoeing of 1000 plants in 2 times. (Total 2000 plants)	4.65/plant	9300.00	0	9300
13	Hoeing of the plants before watering of 1000 plants in 2 times (Total 2000 plants)	2.32/plant	4640.00	0	4640
14	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
15	Watch and ward @259 per day for 12 months	prorata	3781.40	0	3781
16	Special protection of frost tender species.	Prorata	42.56	36.38	79
17	Labour amenities.	Prorata	200.63	23.54	224
18	Micellaneous and unforeseen expenditure including running of vechile.	Prorata	160.51	117.7	278
	TOTAL YEAR 1		70949.49	45870.57	116820
19	Cost escalation in labour amount due to increase in wage rate @5%		3547.47	0	3547
20	Administrative charges 10%				11682
	TOTAL				132050

First Year Maintenance (year 2)

1	Collection of datas regarding impact assesment and strengthening Joint Forest Management.	Prorata	0.00	72.76	73
2	Purchasing /maintenance of 110 seedlings for casulty replacement plant size (3 to 5 feet height)	40/plants	0.00	4400	4400
3	Casualty replacement 100 plants including redigging of pits, transportation planting, watering	13.42/plant	1295.00	47.1	1342
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 (400 m.)	0.61/ rmt.	232.00	0	232
5	Watering with insecticide to the plants . (2 times) for 1000 plants (Total 2000 plants) min 15 lit.	8.0/plant	16000.00	0	16000
6	Weeding and Hoeing in 1000 plants in pits two times Total 2000 plants)	4.65/plant	9300.00	0	9300
7	Hoeing of the plants before watering of 1000 plants in 2 times (Total 2000 plants)	2.32/plant	4640.00	0	4640
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	Repair of fencing	Prorata	237.11	9.63	247
10	Repairing of Check dams / WHS	Prorata	165.37	11.77	177
11	Pruning of Trees species to boost up the growth	Prorata	251.70	12.84	265
12	Wages of Chowkidar @ Rs.259/ day for 12 month (only applicable to work chage employee)	prorata	3781.40	0	3781
13	Misc. and unforeseen expenditure including running of vechile	prorata	147.13	67.41	215
	TOTAL YEAR 2		37873.72	4622	42495
13	Cost escalation in labour amount due to increase in wage rate @10%		3787.37	0	3787
14	Administrative charges 10%				4250
	TOTAL				50532

Second Year Maintenance (Year 3)

उप वन संरक्षक (आयोजना)
कार्यालय प्रधान मंत्री
टी.आर.ई.ई. राज. जयपुर

(सेडूराम यादव)
मुख्य वन संरक्षक (आयोजना)
राजस्थान, जयपुर

	Collection of datas regarding impact assesment and strengthening Joint Forest Management.	Prorata	0	72.76	73
2	Watering with Insecticide to the plants . (1 times) for 1000 plants (Total 1000 plants) min 15 lit.	8.0/plant	8000.00	0	8000
3	Hoeing of the plants before watering of 1000 plants in 1 times (Total 1,000 plants)	2.32/plant	2320.00	0	2320
4	Pruning of Trees species to boost up the growth	Prorata	125.24	4.28	130
5	Wages of Chowkidar @ Rs.259/ day for 12 month	prorata	3781.40	0	3781
6	Misc. and unforeseen expenditure including running of vechile	prorata	147.13	67.41	215
7	Total Year 3		14373.77	144.45	14518
8	Cost escalation in labour amount due to increase in wage rate 15%		2156.0655	0.00	2156
9	Administrative charges 10%				1452
	Grand Total				18126

Third Year Maintenance (Year 4)

1	Collection of datas regarding impact assesment and strengthening Joint Forest Management.	Prorata	0	72.76	73
2	Pruning of Trees species to boost up the growth	Prorata	125.24	4.28	130
3	Wages of Chowkidar @ Rs.259/ day for 12 month (only applicable to work chage employee)	prorata	3781.40	0	3781
4	Misc. and unforeseen expenditure including running of vechile	prorata	147.13	67.41	215
	Total Year 4		4053.77	144.45	4198
7	Cost escalation in labour amount due to increase in wage rate 20%		810.754	0.00	811
8	Administrative charges 10%				420
	Grand Total				5429

Fourth Year Maintenance (Year 5)

1	Collection of datas regarding impact assesment and strengthening Joint Forest Management.	Prorata	0	72.76	73
4	Pruning of Trees species to boost up the growth	Prorata	125.24	4.28	130
5	Wages of Chowkidar @ Rs.259/ day for 12 month (only applicable to work chage employee)	prorata	3781.40	0	3781
6	Misc. and unforeseen expenditure including running of vechile	prorata	147.13	67.41	215
	Total Year 5		4053.77	144.45	4198
7	Cost escalation in labour amount due to increase in wage rate 25%		1013.4425	0.00	1013
8	Administrative charges 10%				420
	Grand Total				5631

SUBSEQUENT MAINTENANCE (YEAR 6 TO 12)

1	Collection of datas regarding impact assesment and strengthening Joint Forest Management.	Prorata	0.00	72.76	73
2	Pruning of Trees species to boost up the growth	Prorata	125.24	4.28	130
3	Wages of Chowkidar @ Rs. 259/- day for 12 month	prorata	3781.40	0	3781
4	Miscellaneous expenditure including Maintenance of Vehicles, repaire of fencing etc.	prorata	147.13	67.41	215
	TOTAL YEAR 6-12.		4053.77	144	4198
5	Cost escalation in labour component due to increase in wage rate @30%		1216.13	0	1216
6	Administrative charges 10%				420
	Total				5834

	GRAND TOTAL	
0Year		156719
First Year		132050
Second Year		50532
Third Year		18126
Fourth Year		5429
Fifui Year		5631
Sixth Year		5834

समय वन संरक्षक (प्र. वि.)
कार्यालय प्रधान वन्य वन संरक्षक
सी.आर.ई.ई. राज, जयपुर

(सेडूराम यादव)
मुख्य वन संरक्षक (आयोजना)
भानुस्थान, जयपुर

Seventh Year	5834
Eighth year	5834
Ninth Year	5834
Tenth Year	5834
Eleventh Year	5834
Twelfth Year	5834
Total	409326
Say	410000

Note: 1. The model is prepared as per directions of MoEF & CC GoI New Delhi.

2. The cost of NFL varies from 325000/- to 668000/- due to fencing cost. DCF/CCF may ensure the fencing with respect to protection measures.

3. If the total 1000 plants has not to be planted in proposed site, balance plants may be planted in Degarded Forest land

4. Models are indicative any deviation can be approved by competent authority as per site specific condition


ज्योती सिंह
कार्यालय, राजस्थान
राजस्थान, जयपुर


(सेठू राम यादव)
मुख्य वन संरक्षक (आयोजना)
राजस्थान, जयपुर

MODEL COST ESTIMATES FOR COMPENSATORY AFFORESTATION

ON ALLOTTED NON FOREST LAND

UNIT : 50 Ha
PERIMETER: 60 M/Ha.
LABOUR RATE: Rs.259/Day
COST ESTIMATE: in Rs./Ha.

ADVANCE ACTION (0 YEAR)

S.No.	ITEMS	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of Basic Datas for Microplanning and carrying out joint forest managment activities.	1309.88 / ha	1208.66	101.22	1310
2	Survey of area, lay out of contour trenches, burrowpits and making of segments / plots	771.26/ha	694.14	77.12	771
3	a) Construction of pucca wall 1.20 meter height 0.50 meter base and 0.38 meter top (20meter/ha.)	3059/rmt	40379.00	20801	61180
	b.) Loose Stone wall fencing 1.20m high 0.80m at base & 0.60 at top (20m/ha.)	371.95/rmt	7439.00	0	7439
	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) (30m/ha.)	200.0/rmt	800.00	3200	4000
4	Digging of 500 pits size: 0.45x(.4+.5/2)2	20.27/ pit	10135.00	0	10135
5	Layout of of staggered/continuous contour trenches, V-ditches, contour dykes and pits etc. by contour survey in 1/4th area	81.47/ha	81.47	0	81
6	Digging up 400 rmt Staggered Contour Trenches 45x45cm cross section on middle slopes and V-ditch as per site requirement	32.38/rmt	12952.00	0	12952
7	In situ Soil and moisture Conservation works including check dams, percolation tank, earthen bund etc.	Prorata	4965.17	0	4965
8	Construction of the pillars of appropriate size and fixing of iron pipe gate with four square column	Prorata	82.69	97.37	180
9	Construction of approach road and inspectio path	Prorata	285.75	0	286
10	Watch and ward @ 259 per day for 4 months	Prorata	630.23	0	630
11	Construction of Thatched cattle guard hut.	Prorata	390.00	210	600
12	Cost of grass and other seeds (3 kg grass seed and 3 kg tree species seed	Prorata	0.00	250	250
13	Labour aminities	Prorata	94.85	85.6	180

मुख्य वन संरक्षक (आयोजना)
राजस्थान, जयपुर

(सेडूराम यादव)
मुख्य वन संरक्षक (आयोजना)
राजस्थान, जयपुर

14	Construction of water storage tank.	Prorata	81.47	48.15	130
15	Purchase of signboards and their fixing	Prorata	32.83	92.02	125
16	Misc. and unforeseen expenses including running of vehicles	Prorata	154.43	162.64	317
	TOTAL YEAR 0		30400.68	25125.12	105532
17	Administrative charges 10%				10553
	TOTAL				116085

YEAR I (PLANTING YEAR)

1	Collection of datas regarding impact assesment and strengthening Joint Forest Management.	Prorata	0.00	72.76	73
2	Digging of 500 pits of size 0.45 (4+5/2)*2 Cum	20.27/ pit.	10135.00	0	10135
3	Purchase/maintenece of 1100 seedling of 3 to 5 feet height plant	40/plant	0.00	44000	44000
4	Restoration of natural regeneration by making crescent shaped mounds on the lower slopes of seedling and sapling and making ring trenches around the natural trees/shrubs.	Parota	1295.00	0	1295
5	Sowing of pellats of grass/pieces of seed mud cakes of grass seeds between row of pits by ploughing and furrowing.	Prorata	1011.68	62.06	1074
6	Sowing/dibbling of seeds of shurb species on the mounds of staggered/continuous contour trenches, and ditch fencing including pretreatment of seeds (400 rmt.)	0.58/ rmt.	232.00	0	232
7	Transportation of 1100 plants from nursery to planting site including loading and unloading	3.65/plant	3398.11	616.53	4015
8	Planting of 1000 seedlings including Refilling of pits	7.75/plant	7750.00	0	7750
9	Making of 1000 crescent shaped mounds below planted sapling after planting and dibbling 2 or 3 seeds of shrub species on the mound.	7.20/plant	7200.00	0	7200
10	Purchase and application of insecticides, fertilizer, plant growth hormone etc. in 1000 plants	4.92/plant	3978.60	941.6	4920
11	Watering with insecticide to the plants. (2 times) for 1000 plants (Total 2000 plants) min 15 lit.	8.0/plant	16000.00	0	16000
12	Weeding and hoeing of 1000 plants in 2 times. (Total 2000 plants)	4.65/plant	9300.00	0	9300
13	Hoeing of the plants before watering of 1000 plants in 2 times (Total 2000 plants)	2.32/plant	4640.00	0	4640
14	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

मुख्य संरक्षक (प्रशिक्षण)
राजस्थान, जयपुर

(सेड्डराम यादव)
मुख्य संरक्षक (आयोजना)
राजस्थान, जयपुर

	Watch and ward @259 per day for 12 months	prorata	1890.70	0	1891
16	Special protection of frost tender species.	Prorata	42.56	36.38	79
17	Labour amenities.	Prorata	200.63	23.54	224
18	Micellaneous and unforeseen expenditure including running of vehicle.	Prorata	160.51	117.7	278
	TOTAL YEAR 1		69058.79	45870.57	114929
19	Cost escalation in labour amount due to increase in wage rate @5%		3452.94	0	3453
20	Administrative charges 10%				11493
	TOTAL				129875

First Year Maintenance (year 2)

1	Collection of data regarding impact assesment and strengthening Joint Forest Management.	Prorata	0.00	72.76	73
2	Purchasing /maintenance of 110 seedlings for casulty replacement plant size (3 to 5 feet height)	40/plants	0.00	4400	4400
3	Casualty replacement 100 plants including redigging of pits, transportation planting, watering	13.42/plant	1295.00	47.1	1342
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 (400 m.)	0.61/ rmt.	232.00	0	232
5	Watering with insecticide to the plants . (2 times) for 1000 plants (Total 2000 plants) min 15 lit.	8.0/plant	16000.00	0	16000
6	Weeding and Hoeing in 1000 plants in pits two times Total 2000 plants)	4.65/plant	9300.00	0	9300
7	Hoeing of the plants before watering of 1000 plants in 2 times (Total 2000 plants)	2.32/plant	4640.00	0	4640
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	Repair of fencing	Prorata	237.11	9.63	247
10	Repairing of Check dams / WHS	Prorata	165.37	11.77	177
11	Pruning of Trees species to boost up the growth	Prorata	251.70	12.84	265
12	Wages of Chowkidar @ Rs.259/ day for 12 month (only applicable to work chage employee)	prorata	1890.70	0	1891
13	Misc. and unforeseen expenditure including running of vehicle	prorata	147.13	67.41	215
	TOTAL YEAR 2		35983.02	4622	40605
13	Cost escalation in labour amount due to Increase in wage rate @10%		3598.30	0	3598
14	Administrative charges 10%				4060
	TOTAL				48263

Second Year Maintenance (Year 3)

1	Collection of datas regarding impact assesment and strengthening Joint Forest Management.	Prorata	0	72.76	73
2	Watering with insecticide to the plants . (1 times) for 1000 plants (Total 1000 plants) min 15 lit.	8.0/plant	8000.00	0	8000
3	Hoeing of the plants before watering of 1000 plants in 1 times (Total 1,000 plants)	2.32/plant	2320.00	0	2320
4	Pruning of Trees species to boost up the growth	Prorata	125.24	4.28	130
5	Wages of Chowkidar @ Rs.259/ day for 12 month	prorata	1890.70	0	1891
6	Misc. and unforeseen expenditure including running of vechile	prorata	147.13	67.41	215
7	Total Year 3		12483.07	144.45	12628
8	Cost escalation in labour amount due to increase in wage rate 15%		1872.4605	0.00	1872
9	Administrative charges 10%				1263
	Grand Total				15763

Third Year Maintenance (Year 4)

1	Collection of datas regarding impact assesment and strengthening Joint Forest Management.	Prorata	0	72.76	73
2	Pruning of Trees species to boost up the growth	Prorata	125.24	4.28	130
3	Wages of Chowkidar @ Rs.259/ day for 12 month (only applicable to work chage employee)	prorata	1890.70	0	1891
4	Misc. and unforeseen expenditure including running of vechile	prorata	147.13	67.41	215
	Total Year 4		2163.07	144.45	2308
7	Cost escalation in labour amount due to increase in wage rate 20%		432.614	0.00	433
8	Administrative charges 10%				231
	Grand Total				2971

Fourth Year Maintenance (Year 5)

1	Collection of datas regarding impact assesment and strengthening Joint Forest Management.	Prorata	0	72.76	73
4	Pruning of Trees species to boost up the growth	Prorata	125.24	4.28	130
5	Wages of Chowkidar @ Rs.259/ day for 12 month (only applicable to work chage employee)	prorata	1890.70	0	1891
6	Misc. and unforeseen expenditure including running of vechile	prorata	147.13	67.41	215
	Total Year 5		2163.07	144.45	2308
7	Cost escalation in labour amount due to increase in wage rate 25%		540.77	0.00	541
8	Administrative charges 10%				231

Grand Total					3079
SUBSEQUENT MAINTENANCE (YEAR 6 TO 12)					
1	Collection of datas regarding impact assesment and strengthening Joint Forest Management...	Prorata	0.00	72.76	73
2	Pruning of Trees species to boost up the growth	Prorata	125.24	4.28	130
3	Wages of Chowkidar @ Rs. 259/- day for 12 month	prorata	1890.70	0	1891
4	Miscellaneous expenditure including Maintenance of Vehicles, repaire of fencing etc.	prorata	147.13	67.41	215
TOTAL YEAR 6-12.			2163.07	144	2308
5	Cost escalation in labour component due to increase in wage rate @30%		648.92	0	649
6	Administrative charges 10%				231
				Total	3187

GRAND TOTAL	
0Year	116085
First Year	129875
Second Year	48263
Third Year	15763
Fourth Year	2971
Fifth Year	3079
Sixth Year	3187
Seventh Year	3187
Eighth year	3187
Ninth Year	3187
Tenth Year	3187
Eleventh Year	3187
Twelfth Year	3187
Total	338347
Say	339000

- Note:
1. The model is prepared as per directions of MoEF & CC GoI New Delhi.
 2. The cost of NFL varies from 278000/- to 450000/- due to fencing cost. DCF/CCF may ensure the fencing with respect to protection measures.
 3. If the total 1000 plants has not to be planted in proposed site, balance plants may be planted in Degarded Forest land
 4. Models are indicative any deviation can be approved by competent authority as per site specific condition



(सेडूराम यादव)
मुख्य वन संरक्षक (आयोजना)
राजस्थान, जयपुर

MODEL COST ESTIMATE FOR COMPENSATORY AFFORESTATION ON DEGRADED FOREST LAND

UNIT : 05 Ha
PERIMETER: 180 M/Ha.
LABOUR RATE: Rs. 259/Day
COST ESTIMATE: in Rs./Ha.

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 managment 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 60 m/ha.)	371.95 / rmt	22317	0	22317
	b.) Ditch fencing 1.20m deep,1.50m wide at top & 0.90m at bottom (on an average 60m/ha.)/Barwad wire fencing	280.69 / rmt	16842	0	16842
	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) (60m/ha.)	200.0/rmt	2400.00	9600	12000
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 400 pits size: 0.45x(0.4+0.5/2)2 cum	20.27 / pit	8108	0	8108
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/shade	Prorata	390.00	210	600
10	Construction of water storage tank.	Prorata	81	48	130
11	Labour aminities	Prorata	95	86	180
12	Watch and ward for 4 months @ 259 per day	Prorata	6302	0	6302
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

उप वन संरक्षक (प्रशासन)
कार्यालय प्रधान, उप वन संरक्षक
टी.आर.ई.ई. राज, जयपुर

(सेडूराम यादव)
मुख्य वन संरक्षक (आयोजना)
राजस्थान, जयपुर

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			70804	10670	81474
18	Administrative charges 10%				8147
			TOTAL		89621

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 770 plants	40/plant	0	30800	30800
3	Digging of 300 pits of size 0.45 (4+5/2)*2 Cum	20.27 / pit	6081	0	6081
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.	Parota	1295	0	1295
8	Transportation of 770 plants from nursery to planting site in cluding loading and unloading	3.65/plant	2616.54	193.96	2811
9	Planting of 700 seedlings including Refilling of pits	7.75/plant	5425.00	0	5425
10	Making of 700 crescent shaped mounds below planted sapling after planting and dibbling 2 or 3 seeds of shrub species on the mound.	7.20/plant	5040.00	0	5040
11	Watering with insecticide to the plants . (2 times) for 700 plants (Total 1400 plants) min 15 lit.	8.0/plant	11200.00	0	11200
12	Weeding and hoeing of 700 plants in 2 time. (Total 1400 plants)	4.65/ plant	6510	0	6510
13	Hoeing of the plants before watering of 700 plants in 2 times (Total 1400 plants)	2.32/plant	3248.00	0	3248
14	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
15	Watch and ward for 12 months @ Rs.259 per day	prorata	18907	0	18907
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			66613	31869	98482
18	Cost escalation in labour amount due to increase in labour rate @5%		3331	0	3331

मुख्य वन संरक्षक (नगरासन)
राजस्थान प्रान्त, मुख्य वन संरक्षक
टी.आर.ई.ई. राज. जयपुर

(सेडूराम यादव)
मुख्य वन संरक्षक (आयोजना)
राजस्थान, जयपुर

19	Administrative charges 10%				9848
				TOTAL	111660

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 70 plants	40/plants	0	2800	2800
3	Repair of fencing	Prorata	259	0	259
4	Watering with insecticide to the plants . (2 times) for 700 plants (Total 1400 plants) min 15 lit.	8.0/plant	11200.00	0	11200
5	Casualty replacement 70 plants including redigging of pits, transportation planting, watering	13.42/plant	906.50	32.9	939
6	Weeding and hoeing of 700 plants in 2 time. (Total 1400 plants)	4.65/ plant	6510	0	6510
7	Hoeing of the plants before watering of 700 plants in 2 times (Total 1400 plants)	2.32/plant	3248.00	0	3248
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	18907	0	18907
10	Misc. and unforeseen expences including (forest protection measures and running of vechile etc.	prorata	390	238	628
	TOTAL YEAR 2		43245	3143	46388
10	Cost escalation in labour amount due to increase in labour rate @10%		4324	0	4324
11	Administrative Charges 10%				4639
	GRAND TOTAL				55351

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 700 plants (Total 700 plants) min 15 lit.	8.0/plant	5600.00	0	5600
3	Hoeing of the plants before watering of 700 plants in 1 times (Total 700 plants)	2.32/plant	1624.00	0	1624
4	Watch and ward for 12 months @ 259/ per day	prorata	18907	0	18907
5	Misc.and unforseen expenditure including (repairing of fencing / structures pruning /running of vechile etc.	prorata	798	289	1087
	Total Year 3		26929	362	27290
	Cost escalation in labour amount due to increase in labour rate @15%		4039	0	4039
	Administrative charges 10%				2729

	Sixth year	27984
	Seventh year	27984
	Eighth year	27984
	Ninth Year	27984
	Tenth Year	27984
	Eleventh Year	27984
	Twelfth Year	27984
	TOTAL	539595
	Say	540000

Note:

1. Plants taken 1000, area has to be increased accordingly as per direction of MoEF & CC GoI New Delhi.
2. The cost of DFL varies from 525000/- to 585000/- due to fencing cost. DCF/CCF may ensure the fencing with respect to protection measures.
3. If the total 1000 plants has not to be planted in proposed site, then area may be increase proportionally.
4. Models are indicative any deviation can be approved by competent authority as per site specific condition


 राजस्थान वन संरक्षण (आयोजना)
 राज्य वन संरक्षण (आयोजना) अधिकारी
 राजस्थान, जयपुर


 (सेडूराम यादव)
 मुख्य वन संरक्षक (आयोजना)
 राजस्थान, जयपुर

MODEL COST ESTIMATE FOR COMPENSATORY AFFORESTATION ON DEGRADED FOREST LAND

UNIT : 25 Ha
PERIMETER: 90 M/Ha.
LABOUR RATE: Rs. 259/Day
COST ESTIMATE: in Rs./Ha.

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 managment 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 30 m/ha.)	371.95 / rmt	11159	0	11159
	b.) Ditch fencing 1.20m deep,1.50m wide at top & 0.90m at bottom (on an average 30m/ha.)/Barwad wire fencing	280.69 / rmt	8421	0	8421
	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) (30m/ha.)	200.0/rmt	1200.00	4800	6000
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 400 pits size: 0.45x(0.4+0.5/2)2 cum	20.27 / pit	8108	0	8108
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	130
11	Labour aminities	Prorata	95	86	180
12	Watch and ward for 4 months @ 259 per day	Prorata	1260	0	1260
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

					34059
	GRAND TOTAL				
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	18907	0	18907
3	Misc.and unforeseen expenditure including (repairing of fencing / structures pruning/running of vechile etc.	prorata	798	289	1087
	Total Year 4		19705	362	20066
6	Cost escalation in labour amount due to increase in labour rate @20%		3941	0	3941
7	Administrative charges 10%				2007
	GRAND TOTAL				26014
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	18907	0	18907
3	Misc.and unforeseen expenditure including (repairing of fencing / structures pruning ,running of vechile etc.	prorata	798	289	1087
	Total Year 5		19705	362	20066
4	Cost escalation in labour amount due to increase in labour rate @25%		4926	0	4926
5	Administrative charges 10%				2007
	GRAND TOTAL				26999
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	18907	0	18907
3	Misc.and unforeseen expenditure including (repairing of fencing / structures pruning/running of vechile etc.	prorata	798	289	1087
	TOTAL YEAR 6-12.		19705	362	20066
4	Cost escalation in labour amount due to increase in labour rate @30%		5911	0	5911
5	Administrative charges 10%				2007
				Total	27984
	GRAND TOTAL				
	0 Year		89621		
	First Year		111660		
	Second Year		55351		
	Third Year		34059		
	Fourth Year		26014		
	Fifth Year		26999		


 उप वन संरक्षक (पर्यावरण)
 कार्यलय प्रधान, राजस्थान
 राजस्थान, जयपुर


 (सेडूराम यादव)
 मुख्य वन संरक्षक (आयोजना)
 राजस्थान, जयपुर

	TOTAL YEAR 0		44984	5870	50853
18	Administrative charges 10%				5085
				TOTAL	55939

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 770 plants	40/plant	0	30800	30800
3	Digging of 300 pits of size 0.45 (4+5/2)*2 Cum	20.27 / pit	6081	0	6081
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.	Parota	1295	0	1295
8	Transportation of 770 plants from nursery to planting site in cluding loading and unloading	3.65/plant	2616.54	193.96	2811
9	Planting of 700 seedlings including Refilling of pits	7.75/plant	5425.00	0	5425
10	Making of 700 crescent shaped mounds below planted sapling after planting and dibbling 2 or 3 seeds of shrub species on the mound.	7.20/plant	5040.00	0	5040
11	Watering with insecticide to the plants ..(2 times) for 700 plants (Total 1400 plants) min 15 lit.	8.0/plant	11200.00	0	11200
12	Weeding and hoeing of 700 plants in 2 time. (Total 1400 plants)	4.65/ plant	6510	0	6510
13	Hoeing of the plants before watering of 700 plants in 2 times (Total 1400 plants)	2.32/plant	3248.00	0	3248
14	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
15	Watch and ward for 12 months @ Rs.259 per day	prorata	3781	0	3781
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		51487	31869	83356
18	Cost escalation in labour amount due to increase in labour rate @5%		2574	0	2574
19	Administrative charges 10%				8336
				TOTAL	94266

FIRST YEAR MAINTENANCE (YEAR 2)


 उप वन संरक्षक (प्रशासन)
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 राजस्थान, जयपुर

1	Collection of datas regarding impact assesment and strengthening Joint Forest Management.	Prorata	0	73	73
2	Purchasing and Maintenance of 70 plants	40/plants	0	2800	2800
3	Repair of fencing	Prorata	259	0	259
4	Watering with insecticide to the plants . (2 times) for 700 plants (Total 1400 plants) min 15 lit.	8.0/plant	11200.00	0	11200
5	Casualty replacement 70 plants including redigging of pits, transportation planting, watering	13.42/plant	906.50	32.9	939
6	Weeding and hoeing of 700 plants in 2 time. (Total 1400 plants)	4.65/ plant	6510	0	6510
7	Hoeing of the plants before watering of 700 plants in 2 times (Total 1400 plants)	2.32/plant	3248.00	0	3248
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	3781	0	3781
10	Misc. and unforeseen expences including (forest protection measures and running of vechile etc.	prorata	390	238	628
TOTAL YEAR 2			28119	3143	31262
10	Cost escalation in labour amount due to increase in labour rate @10%		2812	0	2812
11	Administrative Charges 10%				3126
GRAND TOTAL					37200

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 700 plants (Total 700 plants) min 15 lit.	8.0/plant	5600.00	0	5600
3	Hoeing of the plants before watering of 700 plants in 1 times (Total 700 plants)	2.32/plant	1624.00	0	1624
4	Watch and ward for 12 months @ 259/ per day	prorata	3781	0	3781
5	Misc.and unforseen expenditure including (repairing of fencing / structures pruning /running of vechile etc.	prorata	798	289	1087
Total Year 3			11803	362	12164
Cost escalation in labour amount due to increase in labour rate @15%			1770	0	1770
Administrative charges 10%					1216
GRAND TOTAL					15151

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	3781	0	3781


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3	Misc.and unforeseen expenditure including (repairing of fencing / structures pruning/running of vechile etc.	prorata	798	289	1087
	Total Year 4		4579	362	4940
6	Cost escalation in labour amount due to increase in labour rate @20%		916	0	916
7	Administrative charges 10%				494
	GRAND TOTAL				6350

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	3781	0	3781
3	Misc.and unforeseen expenditure including (repairing of fencing / structures pruning ,running of vechile etc.	prorata	798	289	1087
	Total Year 5		4579	362	4940
4	Cost escalation in labour amount due to increase in labour rate @25%		1145	0	1145
5	Administrative charges 10%				494
	GRAND TOTAL				6579

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	3781	0	3781
3	Misc.and unforeseen expenditure including (repairing of fencing / structures pruning/running of vechile etc.	prorata	798	289	1087
	TOTAL YEAR 6-12.		4579	362	4940
4	Cost escalation in labour amount due to increase in labour rate @30%		1374	0	1374
5	Administrative charges 10%				494
				Total	6808

GRAND TOTAL

0 Year	55939
First Year	94266
Second Year	37200
Third Year	15151
Fourth Year	6350
Fifth Year	6579
Sixth year	6808
Seventh year	6808
Eighth year	6808
Ninth Year	6808
Tenth Year	6808
Eleventh Year	6808
Twelfth Year	6808


 वन संरक्षक (प्रशासन)
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 (सेडूराम यादव)
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 राजस्थान, जयपुर

	TOTAL	263141
	Say	263000

Note:

1. Plants taken 1000, area has to be increased accordingly as per directions of MoEF & CC Gol New Delhi.
2. The cost of DFL varies from 255000/- to 271000/- due to fencing cost. DCF/CCF may ensure the fencing with respect to protection measures.
3. If the total 1000 plants has not to be planted in proposed site, then area may be increase proportionally.
4. Models are indicative any deviation can be approved by competent authority as per site specific condition


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 मुख्य वन संरक्षक (आयोजना)
 राजस्थान, जयपुर

MODEL COST ESTIMATE FOR COMPENSATORY AFFORESTATION ON DEGRADED FOREST LAND

UNIT : 50 Ha
PERIMETER: 60 M/Ha.
LABOUR RATE: Rs. 259/Day
COST ESTIMATE: in Rs./Ha.

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 managment 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
	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 400 pits size: 0.45x(0.4+0.5/2)2 cum	20.27 / pit	8108	0	8108
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	130
11	Labour aminities	Prorata	95	86	180
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		37426	4270	41696
18	Administrative charges 10%				4170
				TOTAL	45866

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 770 plants	40/plant	0	30800	30800
3	Digging of 300 pits of size 0.45 (4+5/2)*2 Cum	20.27 / pit	6081	0	6081
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 pellets 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 shaped mounds on the lower slopes of seedling and sapling and making ring trenches around the natural trees / shrubs.	Parota	1295	0	1295
8	Transportation of 770 plants from nursery to planting site including loading and unloading	3.65/plant	2616.54	193.96	2811
9	Planting of 700 seedlings including Refilling of pits	7.75/plant	5425.00	0	5425
10	Making of 700 crescent shaped mounds below planted sapling after planting and dibbling 2 or 3 seeds of shrub species on the mound.	7.20/plant	5040.00	0	5040
11	Watering with insecticide to the plants . (2 times) for 700 plants (Total 1400 plants) min 15 lit.	8.0/plant	11200.00	0	11200
12	Weeding and hoeing of 700 plants in 2 time. (Total 1400 plants)	4.65/ plant	6510	0	6510
13	Hoeing of the plants before watering of 700 plants in 2 times (Total 1400 plants)	2.32/plant	3248.00	0	3248
14	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
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		49596	31869	81465
18	Cost escalation in labour amount due to increase in labour rate @5%		2480	0	2480
19	Administrative charges 10%				8147
				TOTAL	92092

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 70 plants	40/plants	0	2800	2800
3	Repair of fencing	Prorata	259	0	259
4	Watering with insecticide to the plants . (2 times) for 700 plants (Total 1400 plants) min 15 lit.	8.0/plant	11200.00	0	11200
5	Casualty replacement 70 plants including redigging of pits, transportation planting, watering	13.42/plant	906.50	32.9	939
6	Weeding and hoeing of 700 plants in 2 time. (Total 1400 plants)	4.65/ plant	6510	0	6510
7	Hoeing of the plants before watering of 700 plants in 2 times (Total 1400 plants)	2.32/plant	3248.00	0	3248
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
10	Misc. and unforeseen expences including (forest protection measures and running of vechile etc.	prorata	390	238	628
	TOTAL YEAR 2		26229	3143	29372
10	Cost escalation in labour amount due to increase in labour rate @10%		2623	0	2623
11	Administrative Charges 10%				2937
	GRAND TOTAL				34932

Second Year maintenance (Year 3)

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कार्यालय प्रमुख वन संरक्षक
टो.अ.र.ई.र. राज, जयपुर

(सेडूसि मादव)
मुख्य वन संरक्षक (आयोजना)
राजस्थान, जयपुर

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 700 plants (Total 700 plants) min 15 lit.	8.0/plant	5600.00	0	5600
3	Hoeing of the plants before watering of 700 plants in 1 times (Total 700 plants)	2.32/plant	1624.00	0	1624
4	Watch and ward for 12 months @ 259/ per day	prorata	1891	0	1891
5	Misc.and unforeseen expenditure including (repairing of fencing / structures pruning /running of vechile etc.	prorata	798	289	1087
Total Year 3			9912	362	10274
Cost escalation in labour amount due to increase in labour rate @15%			1487	0	1487
Administrative charges 10%					1027
GRAND TOTAL					12788
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
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	3050
4	Cost escalation in labour amount due to increase in labour rate @30%		807	0	807
5	Administrative charges 10%				305
GRAND TOTAL				Total	4162
0 Year			45866		
First Year			92092		
Second Year			34932		
Third Year			12788		
Fourth Year			3893		
Fifth Year			4027		
Sixth year			4162		
Seventh year			4162		
Eighth year			4162		
Ninth Year			4162		
Tenth Year			4162		
Eleventh Year			4162		

	Twelfth Year	4162
	TOTAL	222731
	Say	223000

Note:

1. Plants taken 1000, area has to be increased accordingly as per directions of MoEF & CC Gol New Delhi.
2. The cost of DFL varies from 219000/- to 228000/- due to fencing cost. DCF/CCF may ensure the fencing with respect to protection measures.
3. If the total 1000 plants has not to be planted in proposed site, then area may be increase proportionally.
4. Models are indicative any deviation can be approved by competent authority as per site specific condition

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(सेडूराम यादव)
मुख्य वन संरक्षक (आयोजना)
राजस्थान, जयपुर

MODEL COST ESTIMATE FOR COMPENSATORY AFFORESTATION ON DEGRADED FOREST LAND

UNIT : 05 Ha
PERIMETER: 180 M/Ha.
LABOUR RATE: Rs. 259/Day
COST ESTIMATE: in Rs./Ha.

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 managment 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 60 m/ha.)	371.95 / rmt	22317	0	22317
	b.) Ditch fencing 1.20m deep,1.50m wide at top & 0.90m at bottom (on an average 60m/ha.)/Barwad wire fencing	280.69 / rmt	16842	0	16842
	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) (60m/ha.)	200.0/rmt	2400.00	9600	12000
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
	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 400 pits size: 0.45x(0.4+0.5/2)2 cum	20.27 / pit	8108	0	8108
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/shade	Prorata	390.00	210	600
10	Construction of water storage tank.	Prorata	81	48	130
11	Labour aminities	Prorata	95	86	180
12	Watch and ward for 4 months @ 259 per day	Prorata	6302	0	6302
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

(दिनेश कुमार गुप्ता)
उप वन संरक्षक (एक पं. ए.)
राजस्थान, जयपुर

