

कार्यालय उप वन संरक्षक, सांवली रोड़, सीकर

Full Title of the Project : PROPOSED REVISED DIVERSION OF 0.60 HA.(OLD 0.95 HECT.) AREA FOR CONSTRUCTION OF "CHC, NECHHWA",SIKAR SALASAR ROAD , VILLAGE-NECHHWA, RANGE - LAXMANGARH ,TEHSIL- LAXMANGARH, DISTT- SIKAR (RAJ.)

File No. : FP/RJ/DISP/50853/2020

Date of Proposal : 15-10-2020

"SCHEME FOR COMPENSATORY AFFORESTATION"

Detailed scheme for Compensatory Afforestation to be carried out in lieu of 0.60 ha. of forest area to be diverted for Construction of "CHC, NECHHWA" in Forest Block Nechhwa P.F., Range Laxmangarh, Village Nechhwa, Tehsil-Laxmangarh. Distt.Sikar (Raj) in favour of CHC NECHHWA,SIKAR (RAJ).

1- Details of degraded forest land:-

District :Sikar

Village : Nechhwa

Tehsil :Laxmangarh

Name of Forest Division- Sikar Range - Laxmangarh

Block- Nechhwa/Compartment- 1 /Survey No. -925 & 926 (Old Khasra No. 528) Village- Nechhwa

Area to be afforested – 3.25 ha.

2- Description of Area :-

I)Whether the site selected for Compensatory Afforestation is a land bank or not : No

II)If the CA site is other than the land bank, reasons be given : **1100 plants are proposed to be planted on whole forest land i.e. 3.25 ha. in western side of Forest Block-Nechhwa, village-Nechhwa khasra No. -925 & 926 (Old Khasra No. 528)**

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

IV) Soil type : **Sandy/clayey**

(V)Topography : **Plain**

(a)Hilly/Undulating/Plain: **Plain**

(b)Slope: Steep/Medium/Gentle:-**Gentle.**

VI)Whether the area is bearing any root stock of vegetation : **Yes.**

3- Plantation Model :-

Copy of the approved Compensatory Afforestation Scheme/ Model showing component wise physical and financial break up to be enclosed of 1100 plants.

4-Schedule of Plantation Programme :-

Details of year wise break up of requirements of funds is as under:-

Year	Area in Ha.	Rate/ha. As per Model
0 th Year	3.25	235173
1 st Year	3.25	80125
2 nd Year	3.25	73857
3 rd Year	3.25	55788
4 th Year	3.25	55788
5 th Year	3.25	55788
6 th Year	3.25	55788
7 th Year	3.25	55256
8 th Year	3.25	55251
9 th Year	3.25	55238
10 th Year	3.25	55238
11 th Year	3.25	24391
12 th Year	3.25	24391
G. Total		882072

Increase in labour rate 252 =12% of total amount

Grand total- 987921/-

5. Technical details :-

Technical details of Compensatory Afforestation Scheme are as follows :-

- q) General Details :-Plantation will be in Forest Block Nechhwa, village Nechhwa Protected forest area.**
- r) Spacing :-**4x4 mtrs. Plant to Plant in row.**
- s) Species :-**Neem, Khejri, rohida and other local Species.**
- t) **Plantation Method :-The Proposed Plantation area will be protected by barbed wire, Angle iron Fencing.**
- u) Soil and Moisture Conservation Works:- **No**
- v) Protection:- **Yes**
- w) Proposed Monitoring Mechanism :-**Monitoring will be done by DCF Sikar.**
- x) Any other information:- **No**

Divisional Forests Officer

(भीमा राम चौधरी)
उप-वन संरक्षक
सिकर
.....Forest Division

Office of the Deputy Conservator of Forest, Sikar

Scheme for 1100 plants

Labour rate 225.00 per day

S.No.	Item of work	Unit	Rate	Total
Advance work & Planting Year				
1	Survey of the area, demarcation & layout	3.25Ha	125.97	409.40
2	Fencing of the area by barbed wire			0.00
(a)	Digging of pit of 30cmX30cmx45cm and fixing of angle iron including curing in cement, sand (bajri), grit (1:6:12)	140 post	61.58 per post	8621.20
(b)	Stretching of barbed wire and fixing it with the post with GI wire (800 rmt X 4=3200 rmt)	3200 rmt	2.17 per rmt	6944.00
(c)	Interlacing the barbed wire with locally available bushy material	800 rmt	15.32 per rmt	12256.00
3	Purchase of barbed wire	533 kg	65 per kg	34645.00
4	Purchase of cement bags	10	330 per bag	3300.00
5	Purchase of bajari	2cum	LS	3000.00
6	Purchase of concrete	2 cum	LS	4000.00
7	Purchase of 6ft angle iron	140	330 per angle	46200.00
8	Cost of raising 1210 seedlings	1210	3.71/Plant	4489.00
4	Digging of 1100 pits size 0.45x(0.4+0.5/2)2cum	1100	10.14 /Plant	11154.00
5	Purchase of insecticide and fertilizers (1100 plants)	1100	0.77/plant	847.00
6	Transportation of 1210 plants from nursery to planting size 1.80 (0.90x4)+ 0.59+0.45=6.44	1210	6.44/plant	7792.40
7	Planting of 1100 seedling including refilling of pits	1100	5.81/plant	6391.00
8	Watering (if sufficient rain are not there) & application of insecticide in 1100 plants at the time of planting and 5 times 6.29+4 = 10.29 up to 5km	5500	10.29/plant	56595.00
9	Making of crescent shaped mounds thanwla for planted sapling and dibbing of 3 seeds of thorny tree species. (1100 plants)	1100	6.97/plant	7667.00
10	Weeding and hoeing of 1100 plants twice and three hoeing including repairing of thavala	1100		0.00
(a)	weeding and hoeing	2200 plants	3.49/plant	7678.00
(b)	Hoeing	3300 plants	2.48/plant	8184.00
11	Unforseen expenditure	LS	LS	5000.00
	Total			235173.00
			Say	235173.00

Maintenance 1st Year

1	Cost of raising 120 seedlings	120	3.71/Plant	445.20
2	Redigging of 110 pits size 0.45x(0.4+0.5/2)2cum	110	5.44/plant	598.40
3	Purchase of insecticide and fertilizers (110 plants)	110	0.77/plant	84.70
4	Transportation of 120 plants from nursery to planting size 1.80 (0.90x4)+ 0.59+0.45=6.44	120	6.44/plant	772.80

5	Planting of 110 seedling including refilling of pits	110	5.81/plant	639.10
6	Watering (if sufficient rain are not there) & application of insecticide in 1100 plants at the time of planting and 5 times (5500 plants)	5500	10.29/plant	56595.00
7	Making of crescent shaped mounds below planted sapling after planting and dibbing of 3 seeds of thorny tree species. (110 plants)	110	6.97/plant	766.70
8	Weeding and hoeing of 1100 plants twice and repairing of thavala	1100		0.00
(a)	weeding and hoeing	2200 plants	3.49/plant	7678.00
(b)	Hoeing	3300 plants	2.48/plant	8184.00
9	Unforeseen expenditure	LS	LS	5000.00
	Total			80124.80
			Say	80125.00

Maintenance 2nd Year

1	Watering (if sufficient rain are not there) & application of insecticide in 1100 plants at the time of planting and 5 times (5500 plants)	5500	10.29/plant	56595.00
2	Weeding and hoeing of 1100 plants twice and three hoeing including repairing of thavala			
(a)	Weeding and hoeing	2200 plants	3.49/plant	7678.00
(b)	Hoeing	3300 plants	2.48/plant	8184.00
2	Unforeseen expenditure	LS	LS	1400.00
	Total			73857.00

Maintenance 3rd Year

1	Watering (if sufficient rain are not there) & application of insecticide in 1100 plants at the time of planting and 4 times (4400 plants)	4400	9.29/plant	40876.00
(a)	Hoeing	4400 plants	2.48/plant	10912.00
2	Unforeseen expenditure	LS	LS	4000.00
	Total			55788.00

Maintenance 4th Year

1	Watering (if sufficient rain are not there) & application of insecticide in 1100 plants at the time of planting and 4 times (4400 plants)	4400 plants	9.29/plant	40876.00
(a)	Hoeing	4400 plants	2.48/plant	10912.00
2	Unforeseen expenditure	LS	LS	4000.00
	Total			55788.00

Maintenance 5th Year

1	Watering (if sufficient rain are not there) & application of insecticide in 1100 plants at the time of planting and 4 times (4400 plant)	4400 plants	9.29/plant	40876.00
(a)	Hoeing	4400 plants	2.48/plant	10912.00
2	Unforeseen expenditure	LS	LS	4000.00
	Total			55788.00

Maintenance 6th Year

1	Watering (if sufficient rain are not there) & application of insecticide in 1100 plants at the time of planting and 4 times (4400 plant)	4400 plants	9.29/plant	40876.00
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(a)	Hoeing	4400 plants	2.48/plant	10912.00
2	Unforeseen expenditure	LS	LS	4000.00
	Total			55788.00

Maintenance 7th Year

1	Watering (if sufficient rain are not there) & application of insecticide in 1100 plants at the time of planting and 4 times (4400 plant)	4400 plants	9.29/plant	40876.00
(a)	Hoeing	4400 plants	2.48/plant	10912.00
	pruning /Branch cutting (cutting of branches in lower 1/3rd of the plant)			
	Between 2-4 m height	897	2.64 per tree	2368.08
2	Unforeseen expenditure	LS	LS	1100.00
	Total			55256.08

Maintenance 8th Year

1	Watering (if sufficient rain are not there) & application of insecticide in 1100 plants at the time of planting and 4 times (4400 plant)	4400 plants	9.29/plant	40876.00
(a)	Hoeing	4400 plants	2.48/plant	10912.00
	pruning /Branch cutting (cutting of branches in lower 1/3rd of the plant)			
	Between 2-4 m height	895	2.64 per tree	2362.80
2	Unforeseen expenditure	LS	LS	1100.00
	Total			55250.80
			says	55251.00

Maintenance 9th Year

1	Watering (if sufficient rain are not there) & application of insecticide in 1100 plants at the time of planting and 4 times (4400 plant)	4400 plants	9.29/plant	40876.00
(a)	Hoeing	4400 plants	2.48/plant	10912.00
	pruning /Branch cutting (cutting of branches in lower 1/3rd of the plant)			
	Between 2-4 m height	890	2.64 per tree	2349.60
2	Unforeseen expenditure	LS	LS	1100.00
	Total			55237.60
			says	55238.00

Maintenance 10th Year

1	Watering (if sufficient rain are not there) & application of insecticide in 1100 plants at the time of planting and 4 times (4400 plant)	4400 plants	9.29/plant	40876.00
(a)	Hoeing	4400 plants	2.48/plant	10912.00
	pruning /Branch cutting (cutting of branches in lower 1/3rd of the plant)			
	Between 2-4 m height	890	2.64 per tree	2349.60
2	Unforeseen expenditure	LS	LS	1100.00
	Total			55237.60
				55238.00

Maintenance 11th Year

1	Watering (if sufficient rain are not there) & application of insecticide in 1100 plants at the time of planting and 2 times (2200 plant)	2200	7.29/plant	16038.00
(a)	Hoeing	2200 plants	2.48/plant	5456.00
	purning /Branch cutting (cutting of branches in lower 1/3rd of the plant)			
	Between 2-4 m height			
2	Unforseen expenditure	870	2.64 per tree	2296.80
	Total	LS	LS	600.00
				24390.80
				24391.00

Maintenance 12th Year

1	Watering (if sufficient rain are not there) & application of insecticide in 1100 plants at the time of planting and 2 times (2200 plant)	2200	7.29/plant	16038.00
(a)	Hoeing	2200 plants	2.48/plant	5456.00
	purning /Branch cutting (cutting of branches in lower 1/3rd of the plant)			
	Between 2-4 m height			
2	Unforseen expenditure	870	2.64 per tree	2296.80
	Total	LS	LS	600.00
				24390.80
			says	24391.00

Range forest officer


Laxmangarh

क्षेत्रीय वन अधिकारी


Technical Officer

ख. लखमगढ़


Assistant Accounts Officer
Sikar


Asst. Conservator of Forest
Sikar


Sanctioned


Deputy Conservator of Forest
Sikar

Year wise breakup	Amount
Advance work & Planting Year	235173
Maintenance 1st Year	80125
Maintenance 2nd Year	73857
Maintenance 3rd Year	55788
Maintenance 4th Year	55788
Maintenance 5th Year	55788
Maintenance 6th Year	55788
Maintenance 7th Year	55256
Maintenance 8th Year	55251
Maintenance 9th Year	55238
Maintenance 10th Year	55238
Maintenance 11th Year	24391
Maintenance 12th Year	24391
Grand Total	882072
Say	882072

C.S.

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