

Full Title of the Project : CONSTRUCTION OF MISSING LINK ROAD FROM "LAXMANGARH - SALASAR TO RAJAS VIA CHOUHANO KI DHANI ,GOURU KA BAS, KHEJAROLIYAN KI DHANI & MIYAN KI DHANI" IN RAJAS P.F. ,

File No. : FP/RJ/ROAD/33785/2018

Date of Proposal : 12-6-2018

"SCHEME FOR COMPENSATORY AFFORESTATION"

Detailed scheme for Compensatory Afforestation to be carried out in lieu of 0.9060 ha. of forest area to be diverted for CONSTRUCTION OF MISSING LINK ROAD FROM "LAXMANGARH - SALASAR TO RAJAS VIA CHOUHANO KI DHANI ,GOURU KA BAS, KHEJAROLIYAN KI DHANI & MIYAN KI DHANI" in Forest Block Bhooma Chotta P.F., Range Laxmangarh, Village Bhooma Chotta, Tehsil-Laxmangarh, Distt.Sikar (Raj) in favour of PUBLIC WORKS DEPARTMENT FATEHPUR.

1- Details of degraded forest land:-

District :Sikar

Village : Bhooma Chotta

Tehsil :Laxmangarh

Name of Forest Division Sikar Range : Laxmangarh

Block- Bhooma Chotta/Compartment- 1 /New Khasra No. 510(Old-200)/ Village- Bhooma Chotta

Area to be afforested – 1.00 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 : 200 plants are proposed to be planted on forest land of Forest Block- Bhooma Chotta, village- Bhooma Chotta New khasra No. 510(Old-200)

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 200 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	1.00	111970.00
1 st Year	1.00	20343.00
2 nd Year	1.00	56020.00
3 rd Year	1.00	9362.00
4 th Year	1.00	10060.00
5 th Year	1.00	1798.00
6 th Year	1.00	2162.00
7 th Year	1.00	2253.00
8 th Year	1.00	2235.00
9 th Year	1.00	2383.00
10 th Year	1.00	2348.00
11 th Year	1.00	1841.00
12 th Year	1.00	1792.00
G. Total		224567

Increase in labour rate 252/- per day = 12% of total amount

Grand Total- **251515/-**

5. Technical details :-

Technical details of Compensatory Afforestation Scheme are as follows :-

- General Details :-Plantation will be in Forest Block Bhooma Chotta, village Bhooma Chotta Protected forest area.
- Spacing :-5x5 mtrs. Plant to Plant in row.
- Species :-Neem, Khejri, rohida and other local Species.
- Plantation Method :-The Proposed Plantation area will be protected by ditch Fencing.
- Soil and Moisture Conservation Works:- No
- Protection:- Yes
- Proposed Monitoring Mechanism :-Monitoring will be done by DCF Sikar.
- Any other information:- No


Divisional Forests Officer
उप वन संरक्षक
.....Forest Division

Office of the Deputy Conservator of Forest, Sikar

Scheme for 200 plants
Labour rate 252/-per day

1 Name of site	Bhooma chhota	5	Gram Panchayat	Badusar
2 Range -	Laxmangarh	6	panchayat Samiti	laxmangarh
3 plan		7	Area	1.0Ha
4 Modal	CA DFL	8	Allotment Amount	251515/-

BSR ITEM	S.No.	Item of work	Unit	Quantity	Rate	Total
Advance work & Planting Year						
p /2.1.1	1	Survey of the area, demarcation & layout	Ha.	1	125.97	125.97
	2	Fencing of the area by digging Ditch fencing 1.2 m Deep, 1.5 m wide at top and 0.90 m wide at bottom including dressing (400 rmt x 1.44 cum)				
2.2.2.2		(1) Clayey loam soil	Cum	576	111.29	64103.0
	3	Purchase of 4-6 ft height shady plants	plants	220	50	11000.0
4.2.1	4	Digging of 200 pits size 0.45x(0.4+0.5/2)2cum	Pits	200	10.14	2028.0
6.7.4	5	Purchase of insecticide and fertilizers (200 plants)	Plants	200	0.48	96.0
6.2.1.8 /6.2.2.8	6	Transportation of 220 plants from nursery to planting site Bag Size 20*40 6.29+(3.12x4)=18.77	Plants	220	18.77	4129.4
6.3.3.1.4	7	Planting of 200 plants including refilling of pits	Pits	200	8.29	1658.0
6.5.3.1/6.5.3.2	8	Watering (if sufficient rain are not there) & application of insecticide in 200 plants at the time of planting and 8 times for 6 KM 6.29+5.00=11.29	Plants	1600	11.29	18064.0
6.4.2	9	Making of crescent shaped mounds thanwla having 45 CM radius around plant clayely loam soil	Plants	200	6.97	1394.0
	10	Weeding and hoeing of 200 plants twice and 6 hoeing including repairing of thavala				0.0
6.6.1.1	(a)	weeding and hoeing	Plants	400	3.49	1396.0
6.6.2	(b)	Hoeing	Plants	1200	2.48	2976.0
	11	Unforseen expenditure	LS		LS	5000.0
		Total				111970.41
					Say	111970.00
Maintenance 1st Year						
	1	Purchase of 20 plants	Plants	20	30	600.00
	2	Redigging of 20 pits size 0.45x(0.4+0.5/2)2 cum	Plants	20	5.07	101.40
	3	Purchase of insecticide and fertilizers (20 plants)	Plants	20	0.48	9.60
6.2.1.8 /6.2.2.8	4	Transportation of 20 plants from nursery to planting size	Plants	20	18.77	375.40
6.3.3.1.4	5	Planting of 20 plants including refilling of pits	Plants	20	8.29	165.80
6.5.3.1/6.5.3.2	6	Watering (if sufficient rain are not there) & application of insecticide in 500 plants at the time of planting and 6 times (20+1200=1220 plants)6 KM 6.29+5.00=11.29)	Plants	1220	11.29	13773.80
6.4.2	7	Making of crescent shaped mounds thanwla having 45 CM radius around plant clayely loam soil	Plants	20	6.97	139.40
	8	Weeding and hoeing of 200 plants twice and repairing of thavala				0.00
6.6.1.1	(a)	weeding and hoeing 1 time	Plants	200	3.49	698.00
6.6.2	(b)	Hoeing 5 time	Plants	1000	2.48	2480.00
	10	Unforseen expenditure	LS		LS	2000.00
		Total				20343.40
					Say	20343.00
Maintenance 2nd Year						
2.2.4.1	1	Making 1.50 m high thorny fencing in sandy area using pruned material and fixing in trenches of 0.45 X0.45 m and pressing the fencing firmly in soil	RMT	400	101.62	40648.00
6.5.3.1/6.5.3.2	2	Watering (if sufficient rain are not there) & application of insecticide in 300 plants at 5 times (1000 plants) 6 KM 6.29+5.00=11.29	Plants	1000	11.29	11290.00

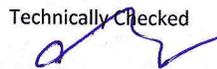
	3	Weeding and hoeing of 200 plants twice and three hoeing including repairing of thavala				
6.6.1.1	(a)	Weeding and hoeing	Plants	200	3.49	698.00
6.6.2	(b)	Hoeing	Plants	800	2.48	1984.00
	4	Unforseen expenditure	L S		L S	1400.00
		Total				56020.00
		say Rs				56020.00
Maintenance 3rd Year						
6.5.3.1/6.5.3.2	1	Watering (if sufficient rain are not there) & application of insecticide in 500 plants at 3 times (600 plants)	Plants	600	11.29	6774.00
6.6.2	(a)	Hoeing	Plants	600	2.48	1488.00
	3	Unforseen expenditure	L S		L S	1100.00
		Total				9362.00
		say Rs				9362.00
Maintenance 4th Year						
6.5.3.1/6.5.3.2	1	Watering (if sufficient rain are not there) & application of insecticide in 500 plants at 3 times (600 plants)	Plants	600	11.29	6774.00
6.6.2	(a)	Hoeing	Plants	600	2.48	1488.00
8.4.1	2	purning /Branch cutting (cutti'ng of branches in lower 1/3rd of the plant)				
8.4.1.3	(a)	Between 4-6 m height	per tree	200	3.49	698.00
8.4.1.4	(b)	Between 6-8 m height	per tree	0	7.13	0.00
	3	Unforseen expenditure	L S		L S	1100.00
		Total				10060.00
		say Rs				10060.00
Maintenance 5th Year						
8.4.1	1	purning /Branch cutting (cutti'ng of branches in lower 1/3rd of the plant)				
8.4.1.3	(a)	Between 4-6 m height	per tree	200	3.49	698.00
8.4.1.4	(b)	Between 6-8 m height	per tree		7.13	0.00
	2	Unforseen expenditure	L S		L S	1100.00
		Total				1798.00
		say Rs				1798.00
Maintenance 6th Year						
8.4.1	1	purning /Branch cutting (cutti'ng of branches in lower 1/3rd of the plant)				
8.4.1.3	(a)	Between 4-6 m height	per tree	100	3.49	349.00
8.4.1.4	(b)	Between 6-8 m height	per tree	100	7.13	713.00
	2	Unforseen expenditure	L S		L S	1100.00
		Total				2162.00
		say Rs				2162.00
Maintenance 7th Year						
8.4.1	1	purning /Branch cutting (cutti'ng of branches in lower 1/3rd of the plant)				
8.4.1.3	(a)	Between 4-6 m height	per tree	75	3.49	261.75
8.4.1.4	(b)	Between 6-8 m height	per tree	125	7.13	891.25
	2	Unforseen expenditure	L S		L S	1100.00
		Total				2253.00
		say Rs				2253.00
Maintenance 8th Year						
8.4.1	2	purning /Branch cutting (cutti'ng of branches in lower 1/3rd of the plant)				
8.4.1.3	(a)	Between 4-6 m height	per tree	80	3.49	279.20
8.4.1.4	(b)	Between 6-8 m height	per tree	120	7.13	855.60
	3	Unforseen expenditure	L S		L S	1100.00
		Total				2234.80
		say Rs				2235.00
Maintenance 9th Year						
8.4.1	2	purning /Branch cutting (cutti'ng of branches in lower 1/3rd of the plant)				

8.4.1.3	(a)	Between 4-6 m height	per tree	0	3.49	0.00
8.4.1.4	(b)	Between 6-8 m height	per tree	180	7.13	1283.40
	3	Unforeseen expenditure	LS		LS	1100.00
		Total				2383.40
		say Rs				2383.00
Maintenance 10th Year						
8.4.1	1	pruning /Branch cutting (cutti'ng of branches in lower 1/3rd of the plant)				
8.4.1.3	(a)	Between 4-6 m height	per tree	0	3.49	0.00
8.4.1.4	(b)	Between 6-8 m height	per tree	175	7.13	1247.75
	2	Unforeseen expenditure	LS		LS	1100.00
		Total				2347.75
		say Rs				2348.00
Maintenance 11th Year						
8.4.1	1	pruning /Branch cutting (cutti'ng of branches in lower 1/3rd of the plant)				
8.4.1.3	(a)	Between 4-6 m height	per tree	0	3.49	0.00
8.4.1.4	(b)	Between 6-8 m height	per tree	174	7.13	1240.62
	2	Unforeseen expenditure	LS		LS	600.00
		Total				1840.62
		say Rs				1841.00
Maintenance 12th Year						
8.4.1	1	pruning /Branch cutting (cutti'ng of branches in lower 1/3rd of the plant)				
8.4.1.3	(a)	Between 4-6 m height	per tree	0	3.49	0.00
8.4.1.4	(b)	Between 6-8 m height	per tree	160	7.13	1140.80
	2	Unforeseen expenditure	LS		LS	651.00
		Total				1791.80
		Say Rs				1792.00

Rates are as per approved Department BSR

Year wise breakup	Amount
Advance work & Planting Year	111970.00
Maintenance 1st Year	20343.00
Maintenance 2nd Year	56020.00
Maintenance 3rd Year	9362.00
Maintenance 4th Year	10060.00
Maintenance 5th Year	1798.00
Maintenance 6th Year	2162.00
Maintenance 7th Year	2253.00
Maintenance 8th Year	2235.00
Maintenance 9th Year	2383.00
Maintenance 10th Year	2348.00
Maintenance 11th Year	1841.00
Maintenance 12th Year	1792.00
Grand Total	224567.00
Say	224567
Increase in labour rate 252/- per day = 12% of total amount	
Total amount- 251515/-	


Range forest officer
Laxmangarh

Technically Checked

Asst. Conservator of Forest
Sikar


Assistant Accounts Officer
Sikar


Sanctioned
Deputy Conservator of Forest
Sikar