

Full Title of the Project : Proposed forest Land for diversion for "Construction of Approach Road for Proposed Hindustan Petroleum Corporation Retail Outlet on Fatehpur to Sikar Road NH-52(RHS) on Khasra No-1165/1160 (Old Khasra 813/580) Chainage 359/941 to 359/97
File No. : FP/RJ/ROAD/116513/2020
Date of Proposal : 30.12.2020

"SCHEME FOR COMPENSATORY AFFORESTATION"

Detailed scheme for Compensatory Afforestation to be carried out in lieu of 0.1335 ha. of forest area to be diverted for Construction of approach Road for proposed Hindustan Petroleum Corporation Retail Outlet on Fatehpur to Sikar Road NH-52(RHS) on Khasra No-1165/1160 (Old Khasra 813/580) Chainage 359/941 to 359/97 "in Forest Block Laxmangarh P.F., Range Laxmangarh, Village Laxmangarh, Tehsil-Laxmangarh. Distt.Sikar (Raj) in favour of HINDUSTAN PETROLIUM CORPORATION LIMITED.

1- Details of degraded forest land:-

District :Sikar Village : Laxmangarh
Tehsil :Laxmangarh

Name of Forest Division Sikar Range : Laxmangarh

Block- Laxmangarh/Compartment- 1 /Survey No. 709/1 Village-Laxmangarh

Area to be afforested – 0.50 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 : 100 plants are proposed to be planted on forest land of Forest Block-Laxmangarh, village-Laxmangarh khasra No. 709/1
- 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 100 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	0.5	77806
1 st Year	0.5	6691
2 nd Year	0.5	3761
3 rd Year	0.5	3512
4 th Year	0.5	4365
5 th Year	0.5	1449
6 th Year	0.5	1540
7 th Year	0.5	1067
8 th Year	0.5	1122
9 th Year	0.5	1142
10 th Year	0.5	1142
11 th Year	0.5	1706
12 th Year	0.5	1170
G. Total		106473

5. Technical details :-

Technical details of Compensatory Afforestation Scheme are as follows :-

- i) General Details :-Plantation will be in Forest Block Laxmangarh, village Laxmangarh Protected forest area.
- j) Spacing :-4x4 mtrs. Plant to Plant in row.
- k) Species :-Neem, Khejri, rohida and other local Species.
- l) Plantation Method :-The Proposed Plantation area will be protected by Ditch Fencing.
- m) Soil and Moisture Conservation Works:- No
- n) Protection:- Yes
- o) Proposed Monitoring Mechanism :-Monitoring will be done by DCF Sikar.
- p) Any other information:-No


Divisional Forests Officer
.....Forest Division

Scheme for 100 plants
Labour rate 225/-per day

1 Name of site	Labour rate 225/-per day					
2 Range -	Laxmangarh					
3 Allotment Amount	90000					
BSR ITEM	S.No.	Item of work	Unit	Quintity	Rate	Total
Advance work & Planting Year						
p /2.1.1	1	Survey of the area, demarcation & layout	Ha.	0.5	125.97	62.99
	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 (300 rmt x 1.44 cum)				
2.2.2.2		(1) Clayey loam soil	Cum	432	111.29	48077.28
	3	Purchase of 4-6 ft height shady plants	plants	110	70	7700.00
4.2.1	4	Digging of 110 pits size 0.45x(0.4+0.5/2)2	Pits	110	10.14	1115.40
6.7.4	5	Purchase of insecticide and fertilizers (110 plants)	Plants	110	0.48	52.80
p16/8.3.3.8 /	6	Transportation of 110 plants from nursery to planting site Bag Size 20*40*5.21 up to 3 km	Plants	110	5.21	573.10
p9/4.2.1	7	Planting of 100 plants including refilling of pits	Pits	100	8.29	829.00
p12/6.5.3.1/6.5.3.2	8	Watering (if sufficient rain are not there) & application of insecticide in 100 plants at the time of planting and 9 times for 2 KM 6.29+1.00=7.29	Plants	900	7.29	6561.00
p12/6.4.2	9	Making of crescent shaped mounds thanwla having 45 CM radius around plant clayely loam soil	Plants	100	6.97	697.00
	10	Weeding and hoeing of 100 plants twice and three hoeing including repairing of thavala				0
6.6.1.1	(a)	weeding and hoeing	Plants	200	3.49	698.00
6.6.2	(b)	Hoeing 7 times	Plants	700	2.48	1736.00
	11	Unforseen expenditure	L S		L S	9703
		Total				77805.57
					Say	77806.00
Maintenance 1st Year						
	1	Purchase of 10 plants	Plants	10	30	300.000
	2	Redigging of 10 pits size 0.45x(0.4+0.5/2)2 cum	Plants	10	5.07	50.70
	3	Purchase of insecticide and fertilizers (10 plants)	Plants	10	0.48	4.80
6.2.1.8 /6.2.2.8	4	Transportation of 10 plants from nursery to planting size	Plants	10	46.83	468.30
6.3.3.1.4	5	Planting of 10 plants including refilling of pits	Plants	10	8.29	82.90
6.5.3.1/6.5.3.2	6	Watering (if sufficient rain are not there) & application of insecticide in 100 plants at the time of planting and 6 times (600 plants) 2 KM 6.29+1.00=7.29 (2km)	Plants	600	7.29	4374.00
6.4.2	7	Making of crescent shaped mounds thanwla having 45 CM radius around plant clayely loam soil	Plants	10	6.97	69.70
	8	Weeding and hoeing of 100 plants twice and repairing of thavala				0.00
6.6.1.1	(a)	weeding and hoeing 1 time	Plants	100	3.49	349.00
6.6.2	(b)	Hoeing 4 time	Plants	400	2.48	992.00
	10	Unforseen expenditure	L S		L S	0.00
		Total				6691.40
					Say	6691.00
Maintenance 2nd Year						
6.5.3.1/6.5.3.2	1	Watering (if sufficient rain are not there) & application of insecticide in 100 plants at 4 time , (300 plants)2 KM 6.29+1.00=7.29	Plants	400	7.29	2916.00
	2	Weeding and hoeing of 100 plants twice and three hoeing including repairing of thavala				
6.6.1.1	(a)	Weeding and hoeing	Plants	100	3.49	349.00
6.6.2	(b)	Hoeing	Plants	200	2.48	496.00
	3	Unforseen expenditure	L S		L S	0.00
		Total				3761.00
Maintenance 3rd Year						

6.5.3.1/6.5.3.2	1	Watering (if sufficient rain are not there) & application of insecticide in 100 plants at 4 times (100 plants) 2 KM 6.29+1.00=7.29	Plants	400	7.29	2916.00
6.6.2	(a)	Hoeing	Plants	200	2.48	496.00
	3	Unforeseen expenditure	L S		L S	100.00
		Total				3512.23
Maintenance 4th Year						
6.5.3.1/6.5.3.2	1	Watering (if sufficient rain are not there) & application of insecticide in 100 plants at 4 times (100 plants) 2 KM 6.29+1.00=7.29	Plants	400	7.29	2916.00
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	100	3.49	349.00
8.4.1.4	(b)	Between 6-8 m height	per tree	0	7.13	0.00
	3	Unforeseen expenditure	L S		L S	1100.00
		Total				4365.00
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	100	3.49	349.00
8.4.1.4	(b)	Between 6-8 m height	per tree	0	7.13	0.00
	2	Unforeseen expenditure	L S		L S	1100.00
		Total				1449.00
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	75	3.49	261.75
8.4.1.4	(b)	Between 6-8 m height	per tree	25	7.13	178.25
	2	Unforeseen expenditure	L S		L S	1100.00
		Total				1540.00
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	40	3.49	139.60
8.4.1.4	(b)	Between 6-8 m height	per tree	60	7.13	427.80
	2	Unforeseen expenditure	L S		L S	500.00
		Total				1067.40
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	25	3.49	87.25
8.4.1.4	(b)	Between 6-8 m height	per tree	75	7.13	534.75
	3	Unforeseen expenditure	L S		L S	500.00
		Total				1122.00
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	90	7.13	641.70
	3	Unforeseen expenditure	L S		L S	500.00
		Total				1141.70
Maintenance 10th 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	0	3.49	0.00
8.4.1.4	(b)	Between 6-8 m height	per tree	90	7.13	641.70
	2	Unforeseen expenditure	L S		L S	500.00
		Total				1141.70
Maintenance 11th 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	0	3.49	0.00
8.4.1.4	(b)	Between 6-8 m height	per tree	85	7.13	606.05
	2	Unforeseen expenditure	L S		L S	1100.00
		Total				1706.05
Maintenance 12th Year						
8.4.1	1	pruning /Branch cutting (cutting 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	80	7.13	570.40
	2	Unforeseen expenditure	L S		L S	500.00
		Total				1070.40


Rates are as per approved Department BSR

Year wise breakup	Amount
Advance work & Planting Year	77806.00
Maintenance 1st Year	6691.00
Maintenance 2nd Year	3761.00
Maintenance 3rd Year	3512.00
Maintenance 4th Year	4365.00
Maintenance 5th Year	1449.00
Maintenance 6th Year	1540.00
Maintenance 7th Year	1067.00
Maintenance 8th Year	1122.00
Maintenance 9th Year	1142.00
Maintenance 10th Year	1142.00
Maintenance 11th Year	1706.00
Maintenance 12th Year	1170.00
Grand Total	106473.00
Say	


Range forest officer


Assistant Accounts Officer
Sikar


Sanctioned
Deputy Conservator of Forest
Sikar


Technically Checked
Asst. Conservator of Forest
Sikar