

Deputy Conservator of Forests, Barmer

Full Title of the Project: Construction of Approach Road for Proposed Hindustan Petroleum Corporation Ltd. Relail Outlet on Barmer City-Dhorimana Road NH-68 (Old NH-15) Between KM Stone No. 163-164 (Chainage:163/616 to 163/576) RHS in khasra No.2466/699At village-Mahabar Peethal, Tehsil Barmer, District Barmer, Rajasthan.

Proposal No: FP/RJ/ROAD/48584/2020
Area of Forest land: 0.1962 Ha.
Date of Submission: 24.08.2020

CHECK LIST SERIAL NUMBER : 18 **"SCHEME FOR 100 PLANTS"**

Detail scheme for (100 plants) for Compensatory Afforestation to be carried out in lieu of **0.1962 Ha.** of forest area to be diverted for "Construction of Approach Road for Proposed Hindustan Petroleum Corporation Ltd. Relail Outlet on Barmer City-Dhorimana Road NH-68 (Old NH-15) Between KM Stone No. 163-164 (Chainage:163/616 to 163/576) RHS in khasra No.2466/699At village-Mahabar Peethal, Tehsil Barmer, District Barmer, Rajasthan.

1. Details of degraded forest land/non-forest land :-

District **Barmer** Village **Barmer**
Tehsil : **Barmer**
Name of Forest Division **Barmer**
Range **Barmer**
Block/Compartment/Survey No. **Barmer Ka Retila Kshetra**
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, it is not a Land Bank**
- II) If the CA site is other than the land bank, reasons be given :
Degraded Forest Land is identified for Compensatory Afforestation as forest land proposed for diversion is less than One hactare.
- 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.**
- V) Topography :
(a)Hilly/Undulating/Plain: **Plain**
(b)Slope: Steep/Medium/Gentle:**Gentle Slope.**
- VI) Whether the area is bearing any root stock of vegetation:**No**

3. **Plantation Model:-**

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

4. **Schedule of Plantation Programme :-**


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

Year	Amount in Rs.
0 th Year	56405
1 st Year	4245
2 nd Year	3750
3 rd Year	2200
4 th Year	2200
5 th Year	2200
6 th Year	2200
7 th Year	2200
8 th Year	2200
9 th Year	2200
10 th Year	2200
Total Amount for 100 plants	82000

5. **Technical details:-**

Technical details of Compensatory Afforestation Scheme are as follows:-

- (a) General Details : **scheme is prepared for 100 plants on Degraded forest land (DFL).**
- (b) Spacing : **3X4**
- (c) Species : **Neem, Rohida, Jaal, Khejri, Ber, Acacia tortilis**
- (d) Plantation Method: **Deep Planting of Sapling and Seeding**
- (e) Soil and Moisture Conservation Works :- **As per Model**
- (f) Protection (Fencing, Watch man, People's Participation etc.): **Individual Plant Fencing.**
- (g) Proposed Monitoring Mechanism :- **As Per Departmental Norms**
- (h) Any other information:- **Nil**


(संजय प्रकाश भाट)
Divisional Forests Officer
.....Forest Division
बाड़मेर ✓

Deputy Conservator of Forests, Barmer (Rajasthan)**Details of Amount of 100 Trees For**

Project Name : Construction of Approach Road for Proposed Hindustan Petroleum Corporation Ltd. Retail Outlet on Barmer City Dhorimana Road (NH-68) Between KM Stone No. 163-164 (Chainage : 163/616 to RHS in Khasra No. 2466/699 At Village-Mahabar Peethal Tehsil-Barmer, District-Barmer, Rajasthan. Forest Diversion Proposal under Forest (Conservation) Act, 1980

Forest Diversion Proposal :- FP/RJ/ROAD/48584/2020 (0.1962 Ha.)

Scheme For 100 Plants

Labour Rate 213.00 Per day

S No.	Item of Work	Type	Rate (Rs.)	Labour	Material	Total
Advance work & planting year						
1	Cost of raising 110 seedlings	Plant	5.70	446	181	627
2	Digging of 100 pits size : 0.45x(0.4+0.5/2)2 cum	Pit	16.66	1666	0	1666
3	Purchase of insecticide and fertilizers. 100	Plant	0.77	0	77	77
4	Transportation of 100 plants from nursery to planting site	Plant	1.34	128	6	134
5	Planting of 100 seedlings including Refilling of pits	Plant	3.88	388	0	388
6	Watering (if sufficient rains are not there) & application of insecticide in 100 plants at the time of planting and 5 times.	Plant	3.00	1500	0	1500
7	Making of crescent shaped mounds below planted sapling after planting and dibbing of 3 seeds of thorny tree species. (100 plants/ha)	Plant	3.39	339	0	339
8	Weeding and hoeing of 100 plants in 2 times. Repairing of plants mound.	Plant	3.38	676	0	676
9	Construction of iron tree guard 100 plant	Plant	500.00			50000
10	Unforeseen Expenditure					998
	Total					56405
Maintenance 1st Year						
1	Cost of raising 20 seedlings	Plant	5.70	82	33	115
2	Re Digging of 20 pits size : 0.45x(0.4+0.5/2)2 cum	Pit	8.33	166	0	166
3	Purchase of insecticide and fertilizers 20	Plant	0.77	0	15	15
4	Transportation of 20 plants from nursery to planting site	Plant	1.34	27	0	27
5	Planting of 20 seedlings including Refilling of pits	Plant	3.88	78	0	78
6	Watering (if sufficient rains are not there) & application of insecticide in 100 plants at the time of planting and 7 times.	Plant	3.00	2100	0	2100
7	Making of crescent shaped mounds below planted sapling after planting and dibbing of 3 seeds of thorny tree species. (20 plants/ha)	Plant	3.39	68	0	68
8	Weeding and hoeing of 100 plants in 2 times. Repairing of plants mound.	Plant	3.38	676	0	676
9	Unforeseen Expenditure					1000
	Total					4245
Maintenance 2nd Year						
1	Watering (if sufficient rains are not there) & application of insecticide in 100 plants at the time of planting and 7 times.	Plant	3.00	2100	0	2100
2	Weeding and hoeing of 100 plants in 2 times. Repairing of plants mound.	Plant	3.38	676	0	676
3	Unforeseen Expenditure					974
	Total					3750
Maintenance 3rd Year						
1	Watering (if sufficient rains are not there) 4 times.	Plant	3.00	1200	0	1200
2	Unforeseen Expenditure					1000
	Total					2200
Maintenance 4th Year						
1	Watering (if sufficient rains are not there) & application of insecticide in 100 plants at the time of planting and 6 times.	Plant	3.00	1200	0	1200
2	Unforeseen Expenditure					1000
	Total					2200

S No.	Item of Work	Type	Rate (Rs.)	Labour	Material	Total
Maintenance 5th Year						
1	Watering (if sufficient rains are not there) & application of insecticide in 100 plants at the time of planting and 6 times.	Plant	3.00	1200	0	1200
2	Unforeseen Expenditure					1000
	Total					2200
Maintenance 6th Year						
1	Watering (if sufficient rains are not there) & application of insecticide in 100 plants at the time of planting and 6 times.	Plant	3.00	1200	0	1200
2	Unforeseen Expenditure					1000
	Total					2200
Maintenance 7th Year						
1	Watering (if sufficient rains are not there) & application of insecticide in 100 plants at the time of planting and 6 times.	Plant	3.00	1200	0	1200
2	Unforeseen Expenditure					1000
	Total					2200
Maintenance 8th Year						
1	Watering (if sufficient rains are not there) & application of insecticide in 100 plants at the time of planting and 6 times.	Plant	3.00	1200	0	1200
2	Unforeseen Expenditure					1000
	Total					2200
Maintenance 9th Year						
1	Watering (if sufficient rains are not there) & application of insecticide in 100 plants at the time of planting and 6 times.	Plant	3.00	1200	0	1200
2	Unforeseen Expenditure					1000
	Total					2200
Maintenance 10th Year						
1	Watering (if sufficient rains are not there) & application of insecticide in 100 plants at the time of planting and 6 times.	Plant	3.00	1200	0	1200
2	Unforeseen Expenditure					1000
	Total					2200

Year wise breakup

S N.	Year wise breakup	Amount
1	Advance work & Planting	56405
2	Maintenance-Ist Year	4245
3	Maintenance-IInd Year	3750
4	Maintenance-IIIrd Year	2200
5	Maintenance-IVth Year	2200
6	Maintenance-Vth Year	2200
7	Maintenance-VIth Year	2200
8	Maintenance-VIIth Year	2200
	Maintenance-VIIIth Year	2200
9	Maintenance-IXth Year	2200
10	Maintenance-Xth Year	2200
	Total Amount for 100 Plants	82000

Rates are taken from model estimate of FCA DFL 2019 and rates are taken as per GOR gazette notification labour rate 213.00 per day.

Place : Barmer

Date : 09.11.2020

(Signature)

Name
 Designation
 Official Seal