

## Deputy Conservator of Forest, Nagaur (Rajasthan)

**Name of Project:** Construction of Approach Road for Proposed Bharat Petroleum Corporation Limited Retail Outlet on Merta City-Merta Road SH-39(LHS), Between K.M. Stone No 270-271(Chainage 270/170.00 to 270/208.91) in Khasra no 1758/1742, At village Phalodi, Tehsil Merta City, District Nagaur (Rajasthan).

**File No. :** FP/RJ/ROAD/42923/2019

**Date of Proposal:** 20/12/2019

### **CHECK LIST SERIAL NUMBER: 18**

#### **"SCHEME FOR 100 Plants"**

Detail scheme for (100 Plants) for Compensatory Afforestation to be carried out in lieu of 0.1564 Ha. Of forest area to be diverted for Construction of Approach Road for Proposed Bharat Petroleum Corporation Limited Retail Outlet on Merta City-Merta Road SH-39(LHS), Between K.M. Stone No 270-271(Chainage 270/170.00 to 270/208.91) in Khasra no 1758/1742, At village Phalodi, Tehsil Merta City, District Nagaur (Rajasthan).

#### **Details of degraded forest land/non-forest land:-**

District Nagaur Village Phalodi Tehsil: Merta City.

Name of Forest Division DCF – Nagaur Range Merta.

Block/Compartment/Survey No. \_\_\_\_\_ Area to be afforested 0.50 Hectare

#### **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: Degraded Forest land is identified for Compensatory Afforestation as forest land proposed for diversion is less than One Hectare.

III) In case of non forest area identified for CA, then what is the

Distance of CA site from the adjoining forest boundary: Nil


IV) Soil type: Sandy Loam and Clay Loam

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

  
(श्रीवचन्द्र)  
उप वन संरक्षक  
नागौर

**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	Rate for 100 Plants
0 <sup>th</sup> Year	56405
1 <sup>st</sup> Year	4245
2 <sup>nd</sup> Year	3750
3 <sup>rd</sup> Year	2200
4 <sup>th</sup> Year	2200
5 <sup>th</sup> Year	2200
6 <sup>th</sup> Year	2200
7 <sup>th</sup> Year	2200
8 <sup>th</sup> Year	2200
9 <sup>th</sup> Year	2200
10 <sup>th</sup> Year	2200
<b>Total Amount for 100 Plants</b>	<b>82,000/-</b>

**5. Technical details:-**

Technical details of Compensatory Afforestation Scheme are as follows:-

- General Details: Scheme is prepared for 100 Plants on Degraded Forest Land (DFL).
- Spacing: 5 X 5 Meter
- Species: Neem & Sheesam
- Plantation Method: Manual
- Soil and Moisture Conservation Works: - No
- Protection (Fencing, Watch man, People's Participation etc.): - Tree Guard
- Proposed Monitoring Mechanism: - Monitoring will be done by Territorial DCF, Nagaur
- Any other information: - No

Place: Nagaur

Date: 24/01/2020

(Signature)

Name .....

Designation .....  
(ज्ञानचन्द्र)  
आ.वन.संरक्षक

Official Seal.....  
नागौर

## Deputy Conservator of Forest, Nagaur (Rajasthan)

### DETAILS OF AMOUNT OF 100 TREES

**Full Title of the Project:-** Construction of Approach Road for Proposed Bharat Petroleum Corporation Limited Retail Outlet on Merta City-Merta Road SH-39(LHS), Between K.M. Stone No 270-271(Chainage 270/170.00 to 270/208.91) in Khasra no 1758/1742, At village Phalodi, Tehsil Merta City, District Nagaur (Rajasthan).

**File No. :** FP/RJ/ROAD/42923/2019

**Date of Proposal:** 20/12/2019

Scheme for 100 plants					
Labour rate 213.00 per day					
S. No.	ITEM OF WORK	RATE (Rs.)	LABOUR	MATERIAL	TOTAL
<b>Advance work &amp; Planting year</b>					
1	Cost of raising 110 seedlings	5.70 / plant	446	181	627
2	Digging of 100 pits size: 0.45x(0.4+0.5/2)2 cum	16.66 / pit	1666	0	1666
3	Purchase of insecticide and Fertilizers. 100	0.77/ plant	0	77	77
4	Transportation of 100 plants from nursery to planting site	1.34 / plant	128	6	134
5	Planting of 100 seedlings including Refilling of pits	3.88 / plant	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.	3.00/ plant	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)	3.39 / plant	339	0	339
8	Weeding and hoeing of 100 plants in 2 times. Repairing of plants mound	3.38 / plant	676	0	676
9	Construction of iron tree guard 100 plant	500			50000
	Unforseen Expenditure				998

(ज्ञानचन्द)  
उप वन संरक्षक  
नागौर

		Total			56405
<b>Maintenance 1st Year</b>					
1	Cost of raising 20 seedlings	5.70 / plant	82	33	115
2	Re Digging of 20 pits size: 0.45x(0.4+0.5/2)2 cum	8.33 / pit	166	0	166
3	Purchase of insecticide and Fertilizers. 20	0.77/ plant	0	15	15
4	Transportation of 20 plants from nursery to planting site	1.34 / plant	27	0	27
5	Planting of 20 seedlings including Refilling of pits	3.88 / plant	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.	3.00/ plant	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)	3.39 / plant	68	0	68
8	Weeding and hoeing of 100 plants in 2 time. Repairing of plants mound	3.38 / plant	676	0	676
	Unforseen Expenditure		0		1000
		<b>Total</b>	<b>3197</b>	<b>48</b>	<b>4245</b>
<b>Maintenance 2nd year</b>					
1	Watering (if sufficient rains are not there) & application of insecticide in 100 plants at the time of planting and 7 times.	3.00/ plant	2100	0	2100
2	Weeding and hoeing of 100 plants in 2 time. Repairing of plants mound	3.38 / plant	676	0	676
3	Unforseen expenditure		0		974
		<b>Total</b>	<b>2776</b>	<b>0</b>	<b>3750</b>
<b>Maintenance 3rd year</b>					
	Watering (if sufficient rains are not there) 4 times.	3.00/ plant	1200	0	1200
	Unforseen expenditure		0		1000

  
 (ज्ञानचन्द्र)  
 उप वन संरक्षक  
 नागौर

		<b>Total</b>	<b>1200</b>	<b>0</b>	<b>2200</b>
<b>Maintenance 4th year</b>					
	Watering ( if sufficient rains are not there) & application of insecticide in 100 plants at the time of planting and 6 times.	3.00/ plant	1200	0	1200
	Unforeseen expenditure		0		1000
		<b>Total</b>	<b>1200</b>	<b>0</b>	<b>2200</b>
<b>Maintenance 5th year</b>					
	Watering ( if sufficient rains are not there) & application of insecticide in 100 plants at the time of planting and 6 times.	3.00/ plant	1200	0	1200
	Unforeseen expenditure		0		1000
		<b>Total</b>	<b>1200</b>	<b>0</b>	<b>2200</b>
<b>Maintenance 6th year</b>					
	Watering ( if sufficient rains are not there) & application of insecticide in 100 plants at the time of planting and 6 times.	3.00/ plant	1200	0	1200
	Unforeseen expenditure		0		1000
		<b>Total</b>	<b>1200</b>	<b>0</b>	<b>2200</b>
<b>Maintenance 7th year</b>					
	Watering ( if sufficient rains are not there) & application of insecticide in 100 plants at the time of planting and 6 times.	3.00/ plant	1200	0	1200
	Unforeseen expenditure		0		1000
		<b>Total</b>	<b>1200</b>	<b>0</b>	<b>2200</b>
<b>Maintenance 8th year</b>					
	Watering ( if sufficient rains are not there) & application of insecticide in 100 plants at the time of planting and 6 times.	3.00/ plant	1200	0	1200
	Unforeseen expenditure		0		1000
		<b>Total</b>	<b>1200</b>	<b>0</b>	<b>2200</b>
<b>Maintenance 9th year</b>					

  
 (ज्ञानचन्द्र)  
 उप वन संरक्षक  
 नागौर

	Watering (if sufficient rains are not there) & application of insecticide in 100 plants at the time of planting and 6 times.	3.00/ plant	1200	0	1200
	Unforeseen expenditure		0		1000
		<b>Total</b>	<b>1200</b>	<b>0</b>	<b>2200</b>
<b>Maintenance 10th year</b>					
	Watering (if sufficient rains are not there) & application of insecticide in 100 plants at the time of planting and 6 times.	3.00/ plant	1200	0	1200
	Unforeseen expenditure		0		1000
		<b>Total</b>	<b>1200</b>	<b>0</b>	<b>2200</b>
<b>Year wise breakup</b>		<b>Amount</b>			
Advance work & Planting		56405			
Maintenance 1st year		4245			
Maintenance 2nd year		3750			
Maintenance 3rd year		2200			
Maintenance 4th year		2200			
Maintenance 5th year		2200			
Maintenance 6th year		2200			
Maintenance 7th year		2200			
Maintenance 8th year		2200			
Maintenance 9th year		2200			
Maintenance 10th year		2200			
<b>Total Amount for 100 Plants</b>		<b>82,000/-</b>			
<b>Rates are taken from model estimate of FCA DFL 2017 and rates are taken as per GOR gazette notification labour rate 213.00 per day.</b>					

Place: Nagaur

Date: 24/01/2020

(Signature)

Name ..... (जाकसन्द)

Designation ..... उप वन संरक्षक

Official Seal..... नागौर