

**Office of The Deputy Conservator of Forest, Hanumangarh
(Rajasthan)**

Full title of the Project : Construction of Approach Road for Proposed Nayara Energy Limited (Formerly Essar Oil Ltd.) Retail Outlet on Suratgarh - Sri Ganganagar NH-62 ,Between Chainage ms stone 209/390 - 209/430(RHS) at Village- 7BLW, Tehsil-Pilibanga, District Hanumangarh.

Proposal No : FP/RJ/ROAD/40754/2019

Date of Proposal : 20.06.2019

CHECK LIST SERIAL NUMBER: 18

"CA SCHEME FOR DFL"

Detail scheme (On DFL) for Compensatory Afforestation to be carried out in lieu of **0.1685 Ha.** Of forest area to be diverted for **Construction of Approach Road for Proposed Nayara Energy Limited (Formerly Essar Oil Ltd.) Retail Outlet on Suratgarh - Sri Ganganagar NH-62 ,Between Chainage ms stone 209/390 - 209/430(RHS) at Village- 7BLW, Tehsil-Pilibanga, District Hanumangarh. (Rajasthan)".**

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

District Hanumangarh Village- Sonari, Tehsil: - Nohar , Name of Forest Division DCF-,Hanumangarh Range - Nohar, forest **Block/Compartment/Survey No. 245/1**
Area to be afforested **0.3370 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:

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(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 o Plantation Programme:-

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

Year	Rate
0 Year (Advance Action)	56405
1st Year	4245
2nd Year	3750
3rd 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/-
C. A. Scheme on base : As per Prescribed Approved Model 2019 by GOR.	Amount as Per CA Modal (DFL)

5. Techinal details:-

Technical details of Compensatory Afforestation Scheme are as follows:-

- General Details: CA Scheme is prepared for 100 Plants on Degraded Forest Land(DFL).
- Spacing: 5×5 Meter
- Species: Neem and Sheesam.
- Plantation Method: Manual
- Soil and Moisture Conservation Works: As per Model
- Protection (Fencing, Watch man, People's Participation etc.): -Tree Guard
- proposed Monitoring Mechanism- Monitoring will be done by Territorial DCF , Hanumangarh.
- Any other information:- Nil

Place : Hanumangarh

Date : 03-03-2020

(Signature)

Name – Karan Singh

Designation -Deputy Conservator of Forests,
Hanumangarh

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Detail of Amount of 100 Trees for

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Scheme for 100 plants					
Labour rate 213.00 per day					
S. No.	ITEM OF WORK	RATE (Rs.)	LABOUR	MATERIAL	TOTAL
Advance work & Planting year					
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
	Unforeseen Expenditure				998
		Total			56405
Maintenance 1st Year					


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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
	Unforeseen Expenditure		0		1000
	Total		3197	48	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.	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	Unforeseen expenditure		0		974
	Total		2776	0	3750
Maintenance 3rd year					
	Watering (if sufficient rains are not there) 4 times.	3.00/ plant	1200	0	1200
	Unforeseen expenditure		0		1000
	Total		1200	0	2200
Maintenance 4th year					


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	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
	Total		1200	0	2200
Maintenance 5th year					
	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
	Total		1200	0	2200
Maintenance 6th year					
	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
	Total		1200	0	2200
Maintenance 7th year					
	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
	Total		1200	0	2200
Maintenance 8th year					
	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
	Total		1200	0	2200


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Maintenance 9th year					
	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
		Total	1200	0	2200
Maintenance 10th year					
	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
		Total	1200	0	2200
Year wise breakup		Amount			
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			
Total Amount for 100 Plants		82,000/-			
Rates are taken from model estimate of FCA (DFL) and rates are taken as per GOR gazette notification labour rate 213.00 per day.					

Place : Hanumangarh

Date : 03-03-2020

(Signature)

Name - Karan Singh

Designation - Deputy Conservator of Forests,
Hanumangarh