

Scheme of Compensatory Afforestation

Detailed scheme of Compensatory Afforestation be carried out in Forest land at **Proposal for sinking prior approval for acquiring forest land for construction of Chuli MR-3 of Morbi Branch canal, of Surendranagar District in lieu of 0.6174 Ha. Of forest land to be diverted for construction of canal in Surendranagar forest division.**

(1) Details of degraded forest land/non forest land.

District : Surendranagar Villages : Chuli , Taluka : Dhrangadhra, S.No. 536 Pt

Name of Forest Division Surendranagar

Area to be afforested 2.0 Ha. Comp.Afforestation

Description of Area.

Soil type : Marramy, stony

Topography :- Hilly/Plain : Plain.

Slope :- Steep/medium/gentle : genlle

Whether the area is bearing any root stock or Vegetation Scattered trees of Acasia nilotica, Acacia Imdica. Prosopis Juli-flora, and grass are seen in the area.

(3) **Name of Plantation Programme :** Compensatory Afforestation scheme for Model-3 approved by Addl.Pri.C.C.F. Land, Gandhinagar's letter no. JMN / 31 / B/ 4364-88/ Dt. 29-11-2013 of Fodder Development Scheme

(4) Schedule of Plantation programme :

The Compensatory Afforestation on above land would be stated by Dy.Conservator of Forest – Surendranagar division Surendranagar as early as possible after the proposal is formally approved.

Details of Year wise break-up of requirement of fund : as per daily wages **Rs. 287.30**

| Year | Area/Ha | Rate/Ha. | Total Amount |
|--------------------------|---------|------------------|------------------|
| 0 Year | 2 | 99169 | 198338 |
| 1st Year Maintenance | 2 | 59241 | 118482 |
| 2nd Year Maintenance | 2 | 38024 | 76048 |
| 3rd Year Maintenance | 2 | 27637 | 55274 |
| 4th Year Maintenance | 2 | 8965 | 17930 |
| 5th Year Maintenance | 2 | 4503 | 9006 |
| 6th Year Maintenance | 2 | 4503 | 9006 |
| 7th Year Maintenance | 2 | 4503 | 9006 |
| 8th Year Maintenance | 2 | 4503 | 9006 |
| 9th Year Maintenance | 2 | 4503 | 9006 |
| 10th Year Maintenance | 2 | 4503 | 9006 |
| TOTAL | | 260054 | 520108 |
| 20 % ADD. CHARGES | | 52010.80 | 104021.60 |
| Grand Total | | 312064.80 | 624129.60 |

Rate structure of degraded forest land of Village : **Chuli**, Taluka **Drangadhra** District: **Surendranagar**. 2.00 Ha. Afforestation as per Addl.Pri.C.C.F. Land, Gujarat Sate Gandhinagar's letter no. JMN / 31 / B/ 4364-88/ Dt. 29-11-2013

Daily wages Rs. **287.30**

| Sr No | Year | Rate/Ha. | Amount |
|-------|--------------------------|------------------|------------------|
| 1 | 70 % Ad.Works | 69418.30 | 138836.6 |
| 2 | 30 % Ad.Works | 29750.70 | 59501.4 |
| 3 | 0 Year | 99169 | 198338 |
| 4 | 1st Year Maintenance | 59241 | 118482 |
| 5 | 2nd Year Maintenance | 38024 | 76048 |
| 6 | 3rd Year Maintenance | 27637 | 55274 |
| 7 | 4th Year Maintenance | 8965 | 17930 |
| 8 | 5th Year Maintenance | 4503 | 9006 |
| 9 | 6th Year Maintenance | 4503 | 9006 |
| 10 | 7th Year Maintenance | 4503 | 9006 |
| 11 | 8th Year Maintenance | 4503 | 9006 |
| 12 | 9th Year Maintenance | 4503 | 9006 |
| 13 | 10th Year Maintenance | 4503 | 9006 |
| | TOTAL | 260054 | 520108 |
| | 20 % ADD. CHARGES | 52010.80 | 104021.60 |
| | Grand Total | 312064.80 | 624129.60 |

say:-624130/-

Dy. Conservator of Forests
Surendranagar

29/6/16

Technically Sanctioned for Rs/- **6,24,130/-**
(RupeesCrore.....**SIX**.....Lakh **Twenty Four**
Thousand **one**.....Hundred.....**Thirty**.....Rupees Only.

Dy. Conservator of Forests
Surendranagar

29/6/16

Technical Details (R-3 model)

Technical details of Compensatory Afforestation are as follows :

- (a) General Details :- 1111 plants/ha. will be planted after deep ploughing.
- (b) Spacement :- 3mt X 3mt / for Tree species and alternate one row of grass in between the lines.
- (c) Species :- Kanji, Kadaya, Neem, Gunda, Gundi, Ardusa & Garmalo, etc. in tree Spp.
- (d) Nursery Technique:-Nursery will be raised in polybags of 15cm x 25cm.x 200mg. of size .
- (e) Site Preparation:- Deep ploughing and furrow at 3mts. interval.
- (f) Plantation Method Size of Pit,.Ploughing etc.: -1111 per Ha. Aliigment and digging of pits 0.45x0.45x0.45
- (g) SMC Works:-Chack wall/retaining wall/Check dem as per site requirement.
- (h) Protection:- Barbed wire fencing, arround the boundary.
- (i) Silvicultural Operations:- Three soil working in current year followed by two soil working in second year and one soil working in Third year with support waterings.
- (j) Maintenance :- By casual labour for 9 years.
- (k) Subsequent :- Silvicultural Operatation proposed such as cleaning, cutbacks, thinning etc. (As per Species-specific requirement) Whenever required.
- (l) Arrangement for people participation (if any) for long term sustenance of the plantations-Departmental staff.
- (m) Proposed monitoring mechanism:- Monitoring will be done by monitoring wing of forest Department.


Dy. Conservator of forests
Surendranagar

29/6/16