

# Annexure-15

## Scheme for Compensatory Afforestation

Detailed scheme for Compensatory Afforestation forest Department on equivalent non forest area.

(1) Details of non-forest land

District :- **Jamnagar** Village :- **Hadiyana** Taluka :- **Jodiya**

Name of Forest Division :- **Marine National Park, Jamnagar** Range :- **Jodiya**

Block / Compartment / Survey no. :- **2118,2119,2120**

Area to be afforested :- **4.9 Ha.**

(2) Description of Area

Soil type :- **Soft**

Topography :- **Plain**

Slope :- **Medium**

Whether the area is bearing any root stock or Vegetation:- **Desi Babool, Rambaval ( Parkin Sonia) Pilu, Untmord etc.**

(3) Name of Plantation Programme :- **Compensatory Afforestation R-2 Model**

(4) Schedule of Plantation programme

The Compensatory/Afforestation on non-forest degraded forest land would be started by **Dy. Conservator of Forests, Marine National Park, Jamnagar** as early as possible after the proposal is formally approved.

Details of Year wise break-up of requirement of fund is as under:-

### Calculation of Daily wage rate Rs288.80

| Year                   | Area in Ha. | Rate/Ha. | Total Amt. |
|------------------------|-------------|----------|------------|
| 0 Year                 | 4.9         | 113930   | 558257     |
| 1 <sup>st</sup> Year   | 4.9         | 42421    | 207863     |
| 2 <sup>nd</sup> Year   | 4.9         | 24294    | 119041     |
| 3 <sup>rd</sup> Year   | 4.9         | 15631    | 76592      |
| 4 <sup>th</sup> Year   | 4.9         | 15909    | 77954      |
| 5 <sup>th</sup> Year   | 4.9         | 16971    | 83158      |
| 6 <sup>th</sup> Year   | 4.9         | 14161    | 69389      |
| 7 <sup>th</sup> Year   | 4.9         | 5553     | 27210      |
| 8 <sup>th</sup> Year   | 4.9         | 5863     | 28729      |
| 9 <sup>th</sup> Year   | 4.9         | 6171     | 30238      |
| 10 <sup>th</sup> Year  | 4.9         | 6479     | 31747      |
| Total of work          |             | 267383   | 1310177    |
| Supervision Charge 20% |             | 53476    | 262035     |
| Grand Total :-         |             | 320859   | 1572212    |

The user agency has given an undertaking to pay the cost of Compensatory afforestation as per the prevailing wages (including the price escalation and supervision charges)

**Dy. Conservator of Forests**  
**Marine National Park**  
**Jamnagar**


**Chief of Forests**  
**Marine National Park**  
**Jamnagar**

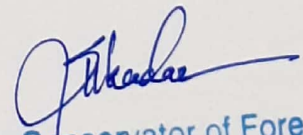
Rate structure of Forest land of village Hadiyana of Jodiya Taluka District  
Jamnagar 4.90 HA. Afforestation as per Nodal Officer No. LND/31/B/4638-  
4703/Dt.07/01/2013

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**Calculation of Daily wage rate Rs. 288.80**

| Sr.no.                        | Year  | Rate/ha.      | Amount         |
|-------------------------------|---|---------------|----------------|
| 1                             | 70% Advance work  | 79751         | 257104         |
| 2                             | 30% Advance work +Current<br>Year i.e. 1 <sup>st</sup> Year Maintenance | 76600         | 692442         |
| 3                             | 2 <sup>nd</sup> year Maintenance  | 24294         | 119041         |
| 4                             | 3 <sup>rd</sup> year Maintenance  | 15631         | 76592          |
| 5                             | 4 <sup>th</sup> year Maintenance  | 15909         | 77954          |
| 6                             | 5 <sup>th</sup> year Maintenance  | 16971         | 83158          |
| 7                             | 6 <sup>th</sup> year Maintenance  | 14161         | 69389          |
| 8                             | 7 <sup>th</sup> year Maintenance  | 5553          | 27210          |
| 9                             | 8 <sup>th</sup> year Maintenance  | 5863          | 28729          |
| 10                            | 9 <sup>th</sup> year Maintenance  | 6171          | 30238          |
| 11                            | 10 <sup>th</sup> year Maintenance                                       | 6479          | 31747          |
| <b>Total :-</b>               |   | <b>267383</b> | <b>1310177</b> |
| <b>Supervision charge 20%</b> |   | <b>53476</b>  | <b>262035</b>  |
| <b>Grand Total</b>            |   | <b>320859</b> | <b>1572212</b> |

  
**Dy. Conservator of Forests**  
**Marine National Park**  
**Jamnagar**

  
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RATE FOR PLANTATION

Statement Showing the Revised Rates of Rs. 288.80 of the Various Schemes for 2016-17

| Sr.no. | Name of Scheme | No. of Plants/Ha. | Advance work |       |        | Current Year | One Year Old | Two Year Old | Three Year Old | Fourth Year Old | Fifth Year Old | Sixth Year Old | Seventh Year Old | Eighth Year Old | Ninth Year Old | Grand Total |
|--------|----------------|-------------------|--------------|-------|--------|--------------|--------------|--------------|----------------|-----------------|----------------|----------------|------------------|-----------------|----------------|-------------|
|        |                |                   | 70%          | 30%   | Total  |              |              |              |                |                 |                |                |                  |                 |                |             |
| 1      | 2              | 3                 | 4            | 5     | 6      | 7            | 8            | 9            | 10             | 11              | 12             | 13             | 14               | 15              | 16             | 18          |
| 1      | R2 Model       | 1666              | 79751        | 34179 | 113930 | 42421        | 24294        | 15631        | 15909          | 16971           | 14161          | 5553           | 5863             | 6171            | 6479           | 267383      |

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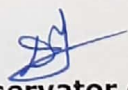


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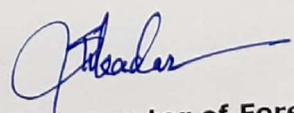
**Technical Detail (R-2 Model)**

**Technical details of Compensatory Afforestation are as follow:-**

- a) General Details :- 1666 plants/ha will be planted or deep ploughing  
b) Spacement :- 3mtx2mt/for Tree species and 6mtx3mt shrub species  
c) Species :- Pilu, Dehi baval, untmarod, Gundi, etc.  
d) Nursery technique :- Nursery will be raised in polybags of 15cmx20cmx200mg of size 10x1mt nursery beds will be dug.  
e) Site preparation :- Deep ploughing or pits will be dug.  
f) Plantation method :- 30cmx30cmx30cm pits to be dug before monsoon 1666 plants per ha. will be planted in pits already dug or in a furrow if ploughed.  
g) (Size of Pit, ploughing etc.)  
h) SMC works :- Check dam and contour bunds or Van Talavadi as per site requirement.  
i) Protection :- Trench fencing 120cmx60cm to be dug around the boundary  
j) Silvicultural operations Three soil working in current years followed by two soil working in one year and one soil working in Third years  
k) Maintenance :- By casual labour of 10 years.  
l) Subsequent :- Whenever required  
m) silvicultural operations proposed such as cleaning, cutbacks, thinning etc. ( as per species specific requirement)  
n) Arrangement for :- Departmental staff  
o) people participation (if any) for long term sustenance of the plantation  
p) Proposed monitoring :- Monitoring will be done by monitoring wing of forest mechanism

  
**Dy. Conservator of Forest  
Marine National Park  
Jamnagar**

**Technically Sanctioned for Rs. 1572212 ( Fifteen lacs Sevsnity two thousand ,two hundred twelve only)**

  
**Chief Conservator of Forest  
Marine National Park  
Jamnagar**