

**CHECK LIST SERIAL NUMBER: - 21**  
**LOCATION MAP**

Location Map of non-forest Govt. land over 91.00 ha identified in village Upar-Birikala under Banspal Tahasil of Keonjhar District for Compensatory Afforestation, in lieu of proposal for diversion, over 90.09 ha is enclosed vide **Plate No. VIII**.

Addl. Compensatory Afforestation scheme over 104.00 ha of degraded forest land identified in Jyotipur RF under Champua Forest Range of Keonjhar Division is enclosed vide **Plate No. X**.

## Divisional Forest Officer

## Keonjhar Division

Office seal Divisional Forest Officer  
Keonjhar Division



**CHECK LIST SERIAL NUMBER: - 22**  
**“SCHEME FOR COMPENSATORY AFFORESTATION”**

Detail scheme for Compensatory Afforestation to be carried out in lieu of 90.09 ha. of forest area to be diverted for non-forestry purpose in Keonjhar District.

**1. Detail of degraded forest land /non-forest land:-**

**Non-forest land**

District- Keonjhar

Village- Uper-Birikala

Tehsil- Banspal

Name of Division- Keonjhar Forest Division

Range- BJP Range

Block/Compartment/Survey No.- F 45 N 6 (73G/6)

Area to be identified – 91.00 ha.

**2. Description of Area**

- i. Whether the site selected for Compensatory Afforestation is a land bank or not- Land Bank
- ii. If the CA site is other than the land bank, reasons be given- Not applicable
- iii. In case of non- forest area identified for CA, then what is the distance of CA site from the adjoining forest boundary- about 0.2 Km.
- iv. Soil type- The soil is sandy- mainly hilly situated on upland.
- v. Topography
  - a. Hilly/Undulating /Plain- Hilly
  - b. Slope- Steep/Medium/Gentle- Medium
- vi. Whether the area is bearing any root stock of vegetation- Yes

**3. Plantation Model**

Plantation model AR@1000 seedling per ha over 39.00 ha in non-forest Govt. land.

Copy of the approved Compensatory Afforestation Scheme/Model showing component wise physical and financial breakup is enclosed as **Annexure- XVIII**.

#### 4. Schedule of Plantation Programme

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

**Cost Norm for AR plantation @1000 plants per ha @ 333.00/-MD (As per onetime cost norm) over 39.00 ha in non-forest Govt. land.**

S. No	Item of Work	Unit Price	In Rupees
1	Base Norm for 1000 plants/ ha (As per base norm of Matrix for the year 2022-23)	246454.00 x 39.00 ha	9611706.00
2	Soil Moisture Conservation (SMC) (As per base norm of Matrix for the year 2022-23)	37415.00 x 91.00 ha	3404765.00
3	Angle Iron & Chain Link Fencing (As per base norm of Matrix for the year 2022-23)	440299.00 x 91.00 ha	40067209.00
4	Cost of 7 nos. borewell for watering (one diesel pump set fitted with borewell for 5 ha plantation) (As per base norm of Matrix for the year 2022-23)	502209.00 x 7 nos.	3515463.00
	<b>Grand Total</b>		<b>56599143.00</b> <b>Or say</b> <b>5,65,99,500.00</b>

**(Rupees five crore sixty-five lakh ninety-nine thousand five hundred) only.**

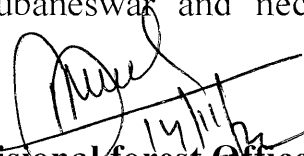
#### 5. Technical details

Technical details of Compensatory Afforestation Scheme are as follows:-

- (a) General Details : 91.00 ha (39.00 ha AR model & 52.00 ha Soil Moisture Conservation) in non-forest Govt. land
- (b) Spacement : - 2.5 x 2.5 mtr
- (c) Species
1. *Sizyzium cumini*(Jamu)
  2. *Adina cardifolia*(Kuruma)
  3. *Anogeissus latifolia*(Dhaura)
  4. *Accacia catechu* (Khair)
  5. *Dalbergia sissoo*(Sissoo)
  6. *Azadirachta indica*(Neem)
  7. *Gmelina arborea* (Gambar)
  8. *Terminalia belerica*(Bahada)
  9. *Terminalia chebula*(Harida)
  10. *Pongamia pinnata* (Karanja)
  11. *Emblica officinalis* (Ainla)
  12. *Shorea robusta*(Sal)
- (d) Plantation Method : AR plantation @1000 seedling per ha over 39.00 ha.
- (e) Soil and Moisture Conservation Works regeneration : SMC, watering, GI chain Link
- (f) Protection : Watch and ward with involvement of VSS.

(g) Proposed Monitoring Mechanism : Compensatory Afforestation will be taken up in the identified site by the Range Officer, BJP Forest Range of Keonjhar Division. The Range Forest Officer, BJP Forest Range will undertake field checks of the works undertaken at the identified site and will be cross checked by the Asst. Conservator of Forests, (Affn.) and Divisional Forest Officer, Keonjhar Division. GPS co-ordinates along with other required informations of Compensatory Afforestation will be uploaded in the e-Greenwatch Portal of NIC, MoEF, Govt. of India for the purpose of online monitoring. Annual progress of plantation involving growth of planted seedlings, survival percentage etc. will be monitored and recorded in the plantation journal by the field staffs of BJP Forest Range and reported to the Divisional Forest Officer for necessary action. The same thing will be reported to the Regional Chief Conservator of Forests, Rourkela Circle and Chief Conservator of Forests (PP&A), O/o the Pr. Chief Conservator of Forests, Odisha, Bhubaneswar and necessary corrective measures will be followed if required so.

(h) Any other information.

  
14/11/24  
Divisional Forest Officer  
Keonjhar Division

**Detail scheme for Compensatory Afforestation to be carried out in lieu of 90.09 ha. of forest area to be diverted for non-forestry purpose in Keonjhar District.**

**1. Detail of degraded forest land /non-forest land:-**

**Degraded forest land**

District- Keonjhar

Village- Jyotipur RF

Tehsil- Jhumpura

Name of Division- Keonjhar Forest Division

Range- Champua Range,

Block/Compartment/Survey No.- 73G/9 & 73G/13

Area to be afforested – 104.00 ha.

**2. Description of Area**

- i. Whether the site selected for Compensatory Afforestation is a land bank or not- Jyotipur RF
- ii. If the CA site is other than the land bank, reasons be given- Not applicable
- iii. In case of non- forest area identified for CA, then what is the distance of CA site from the adjoining forest boundary- Not applicable
- iv. Soil type- The soil is sandy- mainly hilly situated on upland.
- v. Topography
  - a. Hilly/Undulating /Plain- Hilly
  - b. Slope- Steep/Medium/Gentle- Medium
- vi. Whether the area is bearing any root stock of vegetation- Yes

**3. Plantation Model**

Plantation model ANR@500 seedling per ha over 104.00 ha.

Copy of the approved Compensatory Afforestation Scheme/Model showing component wise physical and financial breakup is enclosed as **Annexure- XVIII (A)**.

#### 4. Schedule of Plantation Programme

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

**Cost Norm for ANR plantation @500 plants per ha @ 333.00/-MD (As per onetime cost norm) over 104.00 ha in degraded forest land.**

S. No	Item of Work	Unit price	In Rupees
1	Cost of Base Norm for 500 plants/ ha (Year 2022-2023)	142904.00 x 104 ha	14862016.00
2	Cost of Soil Moisture Conservation (SMC) (2022-2023)	37415.00 x 104 ha	3891160.00
3	Staggered trenches of 2.5 mtr x 0.5 mtr x 0.5 mtr @60MD for 300 structures per ha.	60 x 333 x 104 ha	2077920.00
4	Angle Iron & Chain Link wire mesh Fencing (2022-2023)	440289.00 x 104 ha	45790056.00
5	Cost of 20 nos. borewell for watering (one diesel pump set fitted with borewell for 5 ha plantation) (2022-2023)	502209.00 x 20 Nos.	10044180.00
	<b>Grand Total</b>		<b>76665332.00</b> <b>Or say</b> <b>7,66,65,500.00</b>

**(Rupees seven crore sixty-six lakh sixty-five thousand five hundred) only**

#### 5. Technical details

Technical details of Compensatory Afforestation Scheme are as follows:-

- (a) General Details : 104.00 ha (ANR with Gap model@500 seedlings)
- (b) Spacement : - Gap plantation
- (c) Species
1. *Sizyzium cumini*(Jamu)
  2. *Adina cardifolia*(Kuruma)
  3. *Anogeissus latifolia*(Dhaura)
  4. *Accacia catechu* (Khair)
  5. *Dalbergia sissoo*(Sissoo)
  6. *Azadirachta indica*(Neem)
  7. *Gmelina arborea* (Gambar)
  8. *Terminalia belerica*(Bahada)
  9. *Terminalia chebula*(Harida)
  10. *Pongamia pinnata* (Karanja)
  11. *Emblica officinalis* (Ainla)
  12. *Shorea robusta*(Sal)
- (d) Plantation Method : ANR with gap plantation @500 seedling per ha over 104.00 ha
- (e) Soil and Moisture Conservation Works regeneration : SMC, Staggered trenches, watering, GI chain Link
- (f) Protection : Watch and ward with involvement of VSS.

(g) Proposed Monitoring Mechanism : Compensatory Afforestation will be taken up in the identified site by the Range Officer, Champua Forest Range of Keonjhar Division. The Range Forest Officer, Champua Forest Range will undertake field checks of the works undertaken at the identified site and will be cross checked by the Asst. Conservator of Forests, (Affn.) and Divisional Forest Officer, Keonjhar Division. GPS co-ordinates along with other required informations of Compensatory Afforestation will be uploaded in the e-Greenwatch Portal of NIC, MoEF, Govt. of India for the purpose of online monitoring. Annual progress of plantation involving growth of planted seedlings, survival percentage etc. will be monitored and recorded in the plantation journal by the field staffs of Champua Forest Range and reported to the Divisional Forest Officer for necessary action. The same thing will be reported to the Regional Chief Conservator of Forests, Rourkela Circle and Chief Conservator of Forests (PP&A), O/o the Pr. Chief Conservator of Forests, Odisha, Bhubaneswar and necessary corrective measures will be followed if required so.

(h) Any other information.

  
**Divisional forest Officer**  
**Keonjhar Division.**



**CHECK LIST SERIAL NUMBER: - 23**

**“LAND SUITABILITY CERTIFICATE BY DFO CONCERNED”**

The DFO, Keonjhar Division has furnished the suitability certificate of the identified site for CA on the body of the CA land map over 91.00 ha in village Upar-Birikala under Banspal Tahasil of Keonjhar District. The area is suitable for AR plantation model@ 1000 seedling per ha over 39.00 ha and Soil Moisture Conservation over 52.00 ha.

Addl. Compensatory Afforestation scheme over 104.00 ha of degraded forest land identified in Jyotipur RF under Champua Forest Range of Keonjhar Division. The area is suitable for ANR plantation model@500 seedling per ha over 104.00 ha.

Place Keonjhar  
Date 19.11.2022

  
**Divisional forest Officer**  
**Keonjhar Division.**

