

Full title of the project: C/o Judicial Court Complex at Shingla
File No.: FP/HP/01443/32672/2018
Date of proposal: 23/7/18

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CHECK LIST SERIAL NUMBER-17

SCHEME FOR COMPENSATORY AFFORESTATION.

Detail scheme for compensatory afforestation to be carried out in lieu of 1-41-94 ha. of forest area to be diverted for construction of extension of Judicial Complex and Separate Block of Juvenile Justice Board at Shingla, Tehsil Rampur in Shimla District.

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

District:- Shimla Village:- Fenidhar
Tehsil:- Rampur Bushahr
Name of Forest Division:- Rampur Bushahr Range:- Rampur.
Block No./Compartment No. /Survey No. 53 E/11 UF-Shingla
Area to be afforested: 2.8388 ha.

2. Description of area:-

- Whether the site selected for compensatory afforestation is a land bank or not:- Yes.
- If the CA site is other than the land bank, reasons be given:- Not applicable.
- In case of non forest area identified form A, then what is the distance of CA site from the adjoining forest boundary:- Not applicable
- Soil type:- Clayey loam.
- Topography:- a. Hilly/undulating/plain
b. Slope: Steep/Medium/Gentle
- 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 is enclosed.

4. Schedule of plantation programme:-

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

| Year | Area | Rate | Amount |
|-----------------------------------|------------|-------|--------|
| 0 year i.e. year plantation | 2.8388 ha. | 92785 | 263398 |
| 1 st year maintenance | 2.8388 ha. | 16356 | 46431 |
| 2 nd year maintenance | 2.8388 ha. | 11882 | 33731 |
| 3 rd year maintenance | 2.8388 ha. | 6510 | 18481 |
| 4 th year maintenance | 2.8388 ha. | 6975 | 19801 |
| 5 th year maintenance | 2.8388 ha. | 7440 | 21121 |
| 6 th year maintenance | 2.8388 ha. | 7905 | 22441 |
| 7 th year maintenance | 2.8388 ha. | 8370 | 23761 |
| 8 th year maintenance | 2.8388 ha. | 8835 | 25081 |
| 9 th year maintenance | 2.8388 ha. | 9300 | 26401 |
| 10 th year maintenance | 2.8388 ha. | 9765 | 27721 |
| Total | | | 528368 |
| Departmental charges @ 17.5% | | | 92464 |
| Contingency Charges @ 5% | | | 26418 |
| G. Total | | | 647248 |

5. Technical details:-

Technical details of compensatory afforestation scheme are as follows:-

- (a) General Details:- An area of 2.8388 ha. will be taken up for planting under compensatory afforestation scheme in UF-Shingla a single compact patch. The area will be protected by Barbed wire fencing and a mixture of conifer and broad leaved species will be planted 1100 plants will be planted per hectare.
- (b) Spacement:- 3 mtrs x 3 mtrs
- (c) Species:- Conifer & other broad leave species.
- (d) Plantation Method:-Nursery grown plants (in Polythene bags as well as naked root) will be planted in 45x45x45 cm pits in the selected area. Bush cutting will be done in the infested area. The plantation will be maintained for subsequent 10 years in which beating up of failures will be done. The plantation will be rainfed.
- (e) Soil Moisture Conservation Works: - Contour trenching will be done over the entire area to conserve the available moisture during rainy season so that moisture regime in the area is improved. Minor soil conservation works like gully plugging, check walls be done where ever required.
- (f) Protection (fencing, Watchman, People's participation etc.): -Area will be protected from grazing by erecting barbed wire fencing at all vulnerable places around the plantation. Further watch and ward as also fire protection will be ensured through regular departmental staff.
- (g) Proposed Monitoring Mechanism:- The plantation will be monitored as per existing monitoring mechanism in the forest department. The plantation will also be monitored by GOI representatives as per instructions. The plantation sites will be approachable from Rampur-Shingla-Lalsa road.
- (h) Any other information:- Nil.

17.12.24
Divisional Forest Officer,
Rampur Forest Division,
Rampur Bushahr.
Office Seal
Divisional Forest Officer
Rampur Forest Division
Rampur Bushahr (P.P.)

**BILL FOR COMPENSATORY AFFORESTATION SCHEME OVER 2.8388 HACTARE
FOREST LAND IN LIEU OF DIVERSION OF 1.4194 HACTARE FOREST LAND FOR THE
CONSTRUCTION OF EXTENSION OF JUDICIAL COMPLEX AND SEPARATE BLOCK OF
JUVENILE JUSTICE BOARD AT SHINGLA**

| Area proposed for Compensatory Afforestation in hac. | 2.8388 hac. | | | | |
|---|---|----------------------------|-----------------|--|---------------|
| Name of the proposed plantation area | UF-Shingla | | | | |
| Number of Plants to be planted per hectare | 1100 | | | | |
| Total number of plants to be planted in proposed | 3123 | | | | |
| Species to be planted in proposed area | Conifer and Broad leave species. | | | | |
| Particulars of works | Unit cost at wage structure for 2017-18 | Year of execution of works | Cost escalation | Unit cost after applying cost escalation | Total amount |
| Initial cost for raising compensatory Afforestation over an area of 2.8388 hectare | 84350 | 2019-20 | 10% | 92785 | 263398 |
| 1 st year maintenance | 13630 | 2020-21 | 20% | 16356 | 46431 |
| 2 nd year maintenance | 9140 | 2021-22 | 30% | 11882 | 33731 |
| 3 rd year maintenance | 4650 | 2022-23 | 40% | 6510 | 18481 |
| 4 th year maintenance | 4650 | 2023-24 | 50% | 6975 | 19801 |
| 5 th year maintenance | 4650 | 2024-25 | 60% | 7440 | 21121 |
| 6 th year maintenance | 4650 | 2025-26 | 70% | 7905 | 22441 |
| 7 th year maintenance | 4650 | 2026-27 | 80% | 8370 | 23761 |
| 8 th year maintenance | 4650 | 2027-28 | 90% | 8835 | 25081 |
| 9 th year maintenance | 4650 | 2028-29 | 100% | 9300 | 26401 |
| 10 th year maintenance | 4650 | 2029-30 | 110% | 9765 | 27721 |
| Total = | | | | | 528366 |
| Contingencies Charges @ 5% | | | | | 26418 |
| Total cost of CA Scheme | | | | | 554784 |
| Departmental Charges @ 17.5% | | | | | 92464 |
| G. Total = | | | | | 647248 |

As per
 Divisional Forest Officer
 Rampur Forest Division
 Rampur Bushahr.
 Divisional Forest Officer
 Rampur Forest Division
 Rampur Bushahr (M.P.)