

FULL TITLE OF THE PROJECT: C/o Jeori Rest House-Nawara Nawaru road

File No.: FP/HP/ROAD/9154/2015

DATE OF PROPOSAL:

CHECK LIST SERIAL NUMBER-17
SCHEME FOR COMPENSATORY AFFORESTATION.

Detail scheme for compensatory afforestation to be carried out in lieu of 0-53-98 ha of forest area to be diverted for construction of Jeori Rest House-Nawara Nawaru road in Shimla District.

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

District:- Shimla Village:- Badhal
Tehsil:- Rampur Bushahr
Name of Forest Division:- Rampur Bushahr Range:- Sarahan Range.
Block/Compartment/Survey No. 53 E/14 UF-Badhal
Area to be afforested: 1.0796 ha.

2. Description of area:-

- i. Whether the site selected for compensatory afforestation is a land bank or not:- Yes.
- ii. If the CA site is other than the land bank, reasons be given:- Not applicable.
- iii. In case of non forest area identified form A, then what is the distance of CA site from the adjoining forest boundary:- Not applicable
- iv. Soil type:- Clayey loam.
- v. Topography:- a. Hilly/undulating/plain
b. Slope: Steep/Medium/Gentle
- 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 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 | 1.0796 ha. | 116600 | 125881 |
| 1 st year maintenance | 1.0796 ha. | 27840 | 30056 |
| 2 nd year maintenance | 1.0796 ha. | 19760 | 21333 |
| 3 rd year maintenance | 1.0796 ha. | 16100 | 17382 |
| 4 th year maintenance | 1.0796 ha. | 12600 | 13603 |
| 5 th year maintenance | 1.0796 ha. | 13440 | 14510 |
| 6 th year maintenance | 1.0796 ha. | 14280 | 15417 |
| 7 th year maintenance | 1.0796 ha. | 15120 | 16324 |
| 8 th year maintenance | 1.0796 ha. | 15960 | 17230 |
| 9 th year maintenance | 1.0796 ha. | 16800 | 18137 |
| 10 th year maintenance | 1.0796 ha. | 17640 | 19044 |
| Total = | | | 308917 |
| Departmental charges @ 17.5% | | | 54060 |
| Contingency Charges @ 5% | | | 15446 |
| G. Total = | | | 378423 |

5. **Technical details:-**

Technical details of compensatory afforestation scheme are as follows:-


- (a) General Details:- An area of 1.0796 ha. will be taken up for planting under compensatory afforestation scheme in UF-Badhal in 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. 1500 plants will be planted per hectare.
- (b) Spacement:- 2.5 mtrs x 2.5 mtr
- (c) Species:- Deodar & other broad leave species.
- (d) Plantation Method:-Nursery grown one year old 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 site will be approachable from NH-22 near Badhal road.
- (h) Any other information:- Nil.


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Rampur Bshahr.

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SCHEME FOR COMPENSATORY AFFORESTATION IN RESPECT OF DIVERSION OF LAND FOR THE CONSTRUCTION OF JEORI REST HOUSE-NAWARA NAWARU ROAD WITHIN THE JURISDICTION OF RAMPUR FOREST DIVISION, DISTT. SHIMLA H.P

| Area proposed for compensatory afforestation | 1.0796 ha | | | | |
|--|---|----------------------------|-----------------|--|---------------|
| Name of the proposed plantation area | UF-Badhal | | | | |
| Plants to be planted per hectare | 1500 | | | | |
| Total number of plants to be planted | 1619 | | | | |
| Species to be planted | Coniferous and other broad live species. | | | | |
| Particulars of works | Unit cost at wage structure for 2015-16 onwards | 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 1.0796 hectare | 106000 | 2016-17 | 10% | 116600 | 125881 |
| 1 st year maintenance | 23200 | 2017-18 | 20% | 27840 | 30056 |
| 2 nd year maintenance | 15200 | 2018-19 | 30% | 19760 | 21333 |
| 3 rd year maintenance | 11500 | 2019-20 | 40% | 16100 | 17382 |
| 4 th year maintenance | 8400 | 2020-21 | 50% | 12600 | 13603 |
| 5 th year maintenance | 8400 | 2021-22 | 60% | 13440 | 14510 |
| 6 th year maint. | 8400 | 2022-23 | 70% | 14280 | 15417 |
| 7 th year maint. | 8400 | 2023-24 | 80% | 15120 | 16324 |
| 8 th year maint. | 8400 | 2024-25 | 90% | 15960 | 17230 |
| 9 th year maint. | 8400 | 2025-26 | 100% | 16800 | 18137 |
| 10 th year maint. | 8400 | 2026-27 | 110% | 17640 | 19044 |
| Total = | | | | | 308917 |
| Departmental charges @ 17.5% | | | | | 54060 |
| Contingencies Charges @ 5% | | | | | 15446 |
| G. Total = | | | | | 378423 |


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