

Title of the Project: Lower Kupan-II Small Hydro Electric Project

File No. : _____

Date of Proposal: _____

CHECK LIST SERIAL NUMBER-17

“SCHEME FOR COMPENSATORY AFFORESTATION”

Detailed scheme for Compensatory Afforestation to be carried out in lieu of 3.3771 ha of forest area to be diverted for construction of **Lower Kurpan -II Hydro Electric Project in Kullu Distt.**

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

District:- Kullu

Tehsil :- Ani

Name of Forest Division Ani at Luhri Range: - Chawai

Block/Compartment/Survey No. UPF -Dogrinal

Area to be afforested:- 6.8 hac.

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 for CA, then what is the distance of CA site from the adjoining forest boundary:- _____

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 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/ha | Total Amount |
|-----------------------------|-----------------------------|-------------------|--------------------|
| 0 Year | New plantation | 92000 | 625600/- |
| 1 st Year | 1 st year maint. | 17820 | 121176/- |
| 2 nd Year | 2 nd year maint. | 12480 | 84864/- |
| 3 rd Year | 3 rd year maint. | 8450 | 57460/- |
| 4 th Year | 4 th year maint. | 8540 | 58072/- |
| 5 th Year | 5 th year maint. | 8550 | 58140/- |
| 6 th Year | 6 th year maint | 9120 | 62016/- |
| 7 th Year | 7 th year maint | 9690 | 65892/- |
| 8 th Year | 8 th year maint | 10260 | 69768/- |
| 9 th Year | 9 th year maint | 10830 | 73644/- |
| 10 th Year | 10 th year maint | 11400 | 77520/- |
| Total | | 1,99,140/- | 1354152/- |
| Deptt. Charges 17.5% | | | 2,36,977/ |
| Contingencies 5% | | | 67708/-- |
| G. Total | | | 16,58,837/- |

5. Technical details:-

Technical details of compensatory afforestation scheme are as follows:-

(a) General details:- An area of the 6.8 hac will be taken up for planting under compensatory afforestation scheme in land bank 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) Spacing:- 3 mtr X 3 mtr

(c) Species:- Conifer species.


(d) Plantation Method:- Nursery grown 1 year old plants (in Polythene bags as well as naked root) will be planted in 30 X 30 X 30 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 and 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, Watch man, 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 department 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 moterable road.

(h) Any other information:- Nil


Divisional Forest Officer
Arni Forest Division at
at Luhri Luhri.