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Full Title of the Project:- The Construction of Bridge across River Beas at Km 310/0 on NH-21 (New NH-03) at Manali  
File No. : \_\_\_\_\_

Date of Proposal : \_\_\_\_\_

**CHECK LIST SERIAL NUMBER-17**

**" SCHEME FOR COMPENSATORY FORESTATION"**

Detailed scheme for Compensatory Forestation to be carried out in lieu of **00-34-33** hectares, of forest area to be diverted for the construction of Bridge across River Beas at Km 310/0 on NH-21 (New NH-03) at Manali, Forest Range Kullu Forest Division & Distt. Kullu H.P.

**Details of degraded forest land / non-forest land:-**

District Kullu Village 2/10 Patalsu C-V Tehsil Manali Name of Forest Division Kullu Range Manali Block /  
Compartment / Survey No. C-V Area to be afforested 1-00-00 Hectares.

- 1 Description of the 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 :- **No**.
  - III) In case of non-forest area indentified for CA, then what is the distance of CA site from the adjoining forest boundary:- **Forest area**.
  - 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: **Yes**
- 2 Plantation Model:-

Copy of the approved Compensatory Afforestation Scheme / Model showing component-wise physical and financial break up to be enclosed.
4. Schedule of plantation Programme :-

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

Year	Area in hectares	Rate /ha.	
Oth year	1-00-00 hectares	54,000-00 per hect.	54,000.00
1 <sup>st</sup> year	1-00-00 hectares	9,100-00 per hect.	9,100.00
2 <sup>nd</sup> year	1-00-00 hectares	5,700-00 per hect.	5,700.00
3 <sup>rd</sup> year	1-00-00 hectares	3,600-00 per hect.	3,600.00

2

34

4 <sup>th</sup> year	1-00-00 hectares	3,400-00 per hect.	3,400.00
5 <sup>th</sup> year	1-00-00 hectares	3,200-00 per hect.	3,200.00
6 <sup>th</sup> year	1-00-00 hectares	3,200-00 per hect.	3,200.00
7 <sup>th</sup> year	1-00-00 hectares	3,200-00 per hect.	3,200.00
	<b>Total =</b>		<b>85,400.00</b>
	Add 50% increase (except B/wire 6300.00 x 1-00-00 = 6,300.00) 79,100.00		39,550.00
	<b>Sub Total</b>		<b>1,24,950.00</b>
	Supervision charges	@ 17.50%	21,866.00
	Contingency charges	@ 5%	6,247.00
<b>Total</b>			<b>1,53,063.00</b>
	<b>Or say Rs.</b>		<b>1,53,063.00</b>

Technical details :-

Technical details of Compensatory Afforestation Scheme are as follows :-

1-00-00 hectares area will be tackled in 2/10 Patalsu C-V forest is identified 1500 plants per hectares will be planted.

a) General Details

The land bank identified in 2/10 Patalsu C-V is blank patches where B/L Maple, Chuli, Khanor & Coniferous Deo, Fir species will be planted at in the pits .45 x .45 x .45 cm & .30 x .30 x .30 cm sized respectively. Area will be fenced effectively with B/Wire fence.

b) Spacing

Broad leave

Coniferous

(0.45x0.45x0.45) Maple Khanor, Chuli (0.30x0.30x0.30) Deodar, Fir

c) Species

Broad leaved & Coniferous

d) Plantation Method

Contour Planting

e) Soil and Moisture Conservation Works

M.R.I. included in the C.A.

f) Protection (Fencing, Watch Man, People's Participation etc.)

g) Proposed Monitoring Mechanism :-

Department

Range Forest Officer  
Manali Forest Range  
Forest Range Manali

Divisional Forest Officer  
Kullu Forest Division  
Kullu Forest Division Kullu