

Full Title of the Proposal :	Diversion of 0.440 Ha. of forest land in favour of Punjab PWD B&R for construction of Single Span (4-laned) 135m long Steel Bridge on Phagwara-Banga-Nawanshahar-Ropar at RD Km. 86.900 on Sirhind Canal on NH-344A including approaches in Ropar City under Rupnagar Forest Division & Distt Rupnagar (Punjab).
Proposal No.	FP/PB/ROAD/147091/2021

CHECK LIST SERIAL NUMBER : 17

"SCHEME FOR COMPENSATORY AFFORESTATION"

Detail scheme for Compensatory Afforestation to be carried out in lieu of 0.440 Ha. of forest area to be diverted for construction of Single Span (4-laned) 135m long Steel Bridge on Phagwara- Banga- Nawanshahar-Ropar at RD Km. 86.900 on Sirhind Canal on NH-344A including approaches in Ropar City under Rupnagar Forest Division & Distt Rupnagar (Punjab).

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

Location of Comp. Aff. Site Name = Fatehpur Forest (Map attached)

Comp. Aff. Area = 1.10 Ha., No. of Plants will be planted = 1100 Nos.

Forest Division - Rupnagar , Forest Range- Rupnagar,

Tehsil -Rupnagar & District - Rupnagar.

2. **Description of Area**

i. Whether the site selected for Compensatory Afforestation is a land bank or not - Yes,

Comp. Aff. Site Name- Fatehpur Forest

ii. If the CA site is other than the land bank, reasons be given: **The Area is suitable for compensatory.**

iii. In case of non-forest area identified for CA, then what is the distance of CA site from the adjoining forest boundary...N.A....Km **approximately.**

iv. Soil type: **Alive**

v. Topography: a. **Plain**

b. Slope: Steep / **Medium** / Gentle

vi. Whether the area is bearing any root stock of Vegetation: **Yes.**

3. **Plantation Model :**

Copy of the approved Compensatory Afforestation Scheme / Model showing component wise physical and financial break up to be enclosed.

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4. **Schedule of Plantation Programme**

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

Year	Area of CA (Hec.)	Amount of CA
Plantation Year	1.10 Ha.	160535
1 st Year Mtc.	1.10 Ha.	101412
2 nd Year Mtc.	1.10 Ha.	87880
3 rd Year Mtc.	1.10 Ha.	85537
4 th Year Mtc.	1.10 Ha.	69334
5 th Year Mtc.	1.10 Ha.	20567
6 th Year Mtc.	1.10 Ha.	20567
7 th Year Mtc.	1.10 Ha.	20567
8 th Year Mtc.	1.10 Ha.	20567
9 th Year Mtc.	1.10 Ha.	20567
10 th Year Mtc.	1.10 Ha.	20567
Total		628100

1	Plantation Cost including 10 year mtc.	628100
2	Protection Measures (Barbed wire Fencing)	635625
3	Entry Point Activities	53000
	Total	1316725
4	NPV	540580
	G. Total	1857305

5. **Technical Details**

Technical details of Compensatory Afforestation Scheme are as follows: -

- | | | |
|--------|--|--|
| (i) | General Details : | Detail as under :- |
| (ii) | Spacing : | 3 Mtr x 3 Mtr. |
| (iii) | Species : | Shisham, Khair, Kikar, Jamun, Bahera and Other Misc |
| (iv) | Plantation Method : | Degraded Planting |
| (v) | Soil and Moisture Conservation Works : | N.A. |
| (vi) | Protection (Fencing, Watch man, People's Participation etc.) : | B. Wire Fencing, Watch & Ward. |
| (vii) | Proposed Monitoring Mechanism: | N.A. |
| (viii) | Any other information: | Nil |

Divisional Forests Officer
Rupnagar Forest Division