

Full Title of the Project: - Diversion of 3.2193 hac. forest land for construction of Munder Kungal Makrog Khori Gadasu road.

File No.:- FP/HP/ROAD/153496/2022

Date of Proposal: - 16/03/2022

CHECK LIST SERIAL NUMBER-18
SCHEME FOR COMPENSATORY AFFORESTATION.

Detail scheme for compensatory afforestation to be carried out in lieu of diversion of 3.2193 ha. of forest area for construction of Munder Kungal Makrog Khori Gadasu Road within the jurisdiction of Rampur Forest Division.

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

District:-	Shimla	Village:- Punan
Tehsil	Nankhari	
Name of Forest Division:-	Rampur Bushahr	Range:-Nankhari Range
Block/Compartment/Survey No.	53 E/11	D-18 (Punan) C-4
Area to be afforested:	6.4386 ha.	Khasra No. 201 Mohal DPF-Punan.

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:- NA
- iii. In case of non forest area identified form A, then what is the distance of CA site from the adjoining forest boundary:- NA
- 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/ha including nursery cost	Total amount
0 year	6.4386 ha	94433	608018
1 st year maintenance	6.4386 ha	11990	77199
2 nd year maintenance	6.4386 ha	8027	51680
3 rd year maintenance	6.4386 ha	4163	26806
4 th year maintenance	6.4386 ha	4163	26806
5 th year maintenance	6.4386 ha	4163	26806
6 th year maintenance	6.4386 ha	4163	26806
7 th year maintenance	6.4386 ha	4163	26806
8 th year maintenance	6.4386 ha	4163	26806

9 th year maintenance	6.4386 ha	4163	26806
10 th year maintenance	6.4386 ha	4163	26806
		Total =	951345
		Contingency Charges @ 5%	47567
		Total cost of CA scheme	998912
		Departmental charges @ 17.5%	174810
		G. Total =	1173722


5. **Technical details:-**

Technical details of compensatory afforestation scheme are as follows:-

- (a) General Details:- An area of 6.4386 ha. will be taken up for planting under compensatory afforestation scheme in D-18 (Punan) C-4 in identified land bank area. The area will be protected by Barbed wire fencing and conifer and broad leaves will be planted. 1100 plants will be planted per hectare.
- (b) Spacement:- 2.5 mtrs x 2.5 mtr
- (c) Species:- Coniferous and other broad leave species.
- (d) Plantation Method:- Nursery grown two and half years old conifer plants and one year old broad leaves plants (in Polythene bags as well as naked root) will be planted in 30x30x30 cm and 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 trench works, check walls and check dams 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 Rampur Nankhari Punan road.
- (h) Any other information:- Nil.

Dated:- 23/9/2022

Place:- Rampur.


 (Vikalp Yadav), IFS
 Dy. Conservator of Forests,
 Rampur Forest Division,
 Rampur Bushahr,
 Dy. Conservator of Forests
 Rampur Forest Division
 Rampur Bushahr (H.P.)

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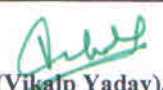
FP/HP/ROAD/153496/2022

Date of Proposal: -

16-03-2022

BILL FOR COMPENSATORY AFFORESTATION SCHEME OVER 3.2193 HACTARE OF FOREST LAND IN LIEU OF DIVERSION OF 6.4386 HACTRAE FOREST LAND FOR CONSTRCUTION OF MUNDER KUNGAL MAKROG KHORI GADASU ROAD WITHIN THE JURISDICTION OF RAMPUR

Area proposed for Compensatory Afforestation in hac.						6.4386 hac.
Name of the proposed plantation area						D-18 (Punan) C-4
Number of Plants to be planted per hectare						1100
Total number of plants to be planted in proposed area						7082
Species to be planted in proposed area						Conifer & Broad leave species
Particulars of works	Year of execution of works	Unit cost at wage structure for 2022-23	Total	No. of plants	Cost of plants @ Rs. 27.12/-	Total Amount
Initial cost for raising penal compensatory Afforestation over an area of 6.4386 hectare	2023-24	89800	578186	1100	29832	608018
1 st year maintenance	2024-25	10600	68249	330	8950	77199
2 nd year maintenance	2025-26	7100	45714	220	5966	51680
3 rd year maintenance	2026-27	3700	23823	110	2983	26806
4 th year maintenance	2027-28	3700	23823	110	2983	26806
5 th year maintenance	2028-29	3700	23823	110	2983	26806
6 th year maintenance	2029-30	3700	23823	110	2983	26806
7 th year maintenance	2030-31	3700	23823	110	2983	26806
8 th year maintenance	2031-32	3700	23823	110	2983	26806
9 th year maintenance	2032-33	3700	23823	110	2983	26806
10 th year maintenance	2033-34	3700	23823	110	2983	26806
Total =						951345
Contingencies Charges @ 5%						47567
Total cost of CA Scheme						998912
Departmental Charges @ 17.5%						174810
G. Total =						1173722


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Date of Proposal: - 16/03/2022

CHECK LIST SERIAL NUMBER-18
SCHEME FOR PENAL COMPENSATORY AFFORESTATION.

Detail scheme for penal compensatory afforestation to be carried out in lieu of diversion of 1.9683 ha. of forest area for construction of Munder Kungal Makrog Khori Gadasu Road within the jurisdiction of Rampur Forest Division.

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

District:-	Shimla	Village:- Punan
Tehsil	Nankhari	
Name of Forest Division:-	Rampur Bushahr	Range:-Nankhari Range
Block/Compartment/Survey No.	53 E/11	D-18 (Punan) C-4
Area to be afforested:	6.0126 ha.	Khasra No. 201 Mohal DPF-Punan.

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:- NA
- iii. In case of non forest area identified form A, then what is the distance of CA site from the adjoining forest boundary:- NA
- 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/ha including nursery cost	Total amount
0 year	6.0126 ha	94762	569763
1 st year maintenance	6.0126 ha	12089	72684

2 nd year maintenance	6.0126 ha		
3 rd year maintenance	6.0126 ha	8092	48655
4 th year maintenance	6.0126 ha	4196	25230
5 th year maintenance	6.0126 ha	4196	25230
6 th year maintenance	6.0126 ha	4196	25230
7 th year maintenance	6.0126 ha	4196	25230
8 th year maintenance	6.0126 ha	4196	25230
9 th year maintenance	6.0126 ha	4196	25230
10 th year maintenance	6.0126 ha	4196	25230
		4196	25230
		Total =	892939
		Contingency Charges @ 5%	44647
		Total cost of CA scheme	937586
		Departmental charges @ 17.5%	164078
		G. Total =	1101664


5. **Technical details:-**

Technical details of compensatory afforestation scheme are as follows:-

- (a) General Details:- An area of 6.0126 ha. will be taken up for planting under penal compensatory afforestation scheme in D-18 (Punan) C-4 in identified land bank area. The area will be protected by Barbed wire fencing and conifer and broad leaves will be planted. 1100 plants will be planted per hectare.
- (b) Spacement:- 2.5 mtrs x 2.5 mtr
- (c) Species:- Coniferous and other broad leave species.
- (d) Plantation Method:- Nursery grown two and half years old conifer plants and one year old broad leaves plants (in Polythene bags as well as naked root) will be planted in 30x30x30 cm and 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 trench works, check walls and check dams 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 Rampur Nankhari Punan road.
- (h) Any other information:- Nil.

Dated:- 23/9/2022

Place:- Rampur.


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Date of Proposal: -

16-03-2022

SCHEME FOR PENAL COMPENSATORY AFFORESTATION SCHEME OVER 3.2193 HACT. AREA OF FOREST LAND IN LIEU OF DIVERSION OF 6.0126 HACT. FOREST LAND FOR CONSTRUCTION OF MUNDER KUNGAL MAKROG KHORI GADASU ROAD WITHIN THE JURISDICTION OF RAMPUR FOREST DIVISION.

Area proposed for Penal Compensatory Afforestation in hac.						6.0126 hac.
Name of the proposed plantation area						D-18 (Punan) C-4
Number of Plants to be planted per hectare						1100
Total number of plants to be planted in proposed area						6614
Species to be planted in proposed area						Conifer & Broad leave species
Particulars of works	Year of execution of works	Unit cost at wage structure for 2022-23	Total	No. of plants	Cost of plants @ Rs. 27.12/-	Total Amount
Initial cost for raising penal compensatory Afforestation over an area of 6.0126 hectare	2023-24	89800	539931	1100	29832	569763
1 st year maintenance	2024-25	10600	63734	330	8950	72684
2 nd year maintenance	2025-26	7100	42689	220	5966	48655
3 rd year maintenance	2026-27	3700	22247	110	2983	25230
4 th year maintenance	2027-28	3700	22247	110	2983	25230
5 th year maintenance	2028-29	3700	22247	110	2983	25230
6 th year maintenance	2029-30	3700	22247	110	2983	25230
7 th year maintenance	2030-31	3700	22247	110	2983	25230
8 th year maintenance	2031-32	3700	22247	110	2983	25230
9 th year maintenance	2032-33	3700	22247	110	2983	25230
10 th year maintenance	2033-34	3700	22247	110	2983	25230
Total =						892939
Contingencies Charges @ 5%						44647
Total cost of CA Scheme						937586
Departmental Charges @ 17.5%						164078
G. Total =						1101664


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