

**DIVERSION OF 0.4156 HA. OF FOREST LAND FOR CONSTRUCTION OF LINK ROAD TO
VILLAGE GUJREHRA IN DISTRICT KANGRA (H.P.)**

FILE NO. : **FP/HP/ROAD/144574/2021**

DATE OF PROPOSAL :

CHECK LIST SERIAL NUMBER: - 17

"SCHEME FOR COMPENSATORY AFFORESTATION"

Detail scheme for Compensatory Afforestation to be carried out in lieu of 0.4156 ha of forest area to be diverted for the construction of Link Road to Village Gujrera, Tehsil Kangra, Distt. Kangra (HP).

1. Detail of degraded forest land :

District Kangra, Village Baag,

Tehsil - Kangra

Name of Division – Dharamshala

Range – Kangra

Beat – Daulatpur

Block/Compartment/Survey No. – UP 196K Baag C-2

Area to be afforested – 1.04 Hac.

2. Description of Area

| | | |
|----|--|-----------------|
| a. | Whether the site selected for Compensatory Afforestation is a land bank or not | Land Bank |
| b. | If the CA site is other than the land bank, reasons be given | Not Applicable |
| c. | In case of non- forest area identified for CA, then what is the distance of CA site from the adjoining forest boundary | Not Applicable |
| d. | Soil type | Sandy Loam |
| e. | Topography : a.) Hilly/Undulating /Plain b.) Slope- Steep/Medium/Gentle | Hilly Medium |
| f. | 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 breakup to be enclosed.

4. Schedule of Plantation Programme

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

| YEAR | AREA | TOTAL AMOUNT |
|-----------------------------|-----------|------------------|
| 0 Year | 1.04 Hac. | 178288 /- |
| 1 st Year | 1.04 Hac. | 6115 /- |
| 2 nd Year | 1.04 Hac. | 3380 /- |
| 3 rd Year | 1.04 Hac. | 2018 /- |
| 4 th Year | 1.04 Hac. | 2018 /- |
| 5 th Year | 1.04 Hac. | 2018 /- |
| 6 th Year | 1.04 Hac. | 2018 /- |
| 7 th Year | 1.04 Hac. | 2018 /- |
| 8 th Year | 1.04 Hac. | 2018 /- |
| 9 th Year | 1.04 Hac. | 2018 /- |
| 10 th Year | 1.04 Hac. | 2018 /- |
| TOTAL (Rs.) | | 203927 /- |
| Contingency Charges 5 % | | 10196 /- |
| TOTAL (Rs.) | | 214123 /- |
| Departmental Charges 17.5 % | | 37472 /- |
| TOTAL (Rs.) | | 251595 /- |

5. Technical details

Technical details of Compensatory Afforestation Scheme are as follows:-

| | | |
|----|--|---|
| a. | General Details | Area for Compensatory Afforestation in Jungle Forest UP 196K Baag C-2, Daulatpur Beat, Kangra Forest Range area 1.04 Hac. |
| b. | Spacing | 2.5 X 2.5 |
| c. | Species | Tall Plants |
| d. | Plantation Method | By pits 30 cm & 45 cm. |
| e. | Soil and Moisture Conservation Works | Check dam / Retaining walls / Vegetative check dam |
| f. | Protection (Fencing, Watch man, People's Participation etc.) | Fencing, Watch man, People's Participation etc. Fencing 5 Stand Barbed Wire interlacing with thorny bushes. |
| g. | Proposed Monitoring Mechanism | Proper inspection of the area by field staff & officers of the Department. |
| h. | Any other information | N.A. |

Place : Dharamshala
Dated :

Dr. Sanjeev Sharma (HPFS)
Divisional Forest Officer
Dharamshala Forest Division
Dharamshala

DIVERSION OF 0.4156 HA. OF FOREST LAND FOR CONSTRUCTION OF LINK ROAD TO VILLAGE GUJREHRA IN DISTRICT KANGRA (H.P.)

FILE NO.


FP/HP/Others/144574/2021

DATE OF PROPOSAL

Scheme for Compensatory Afforestation for 2020-21 for Plantation of 831 plants in 1.04 ha degraded forest land in lieu of Diversion of 0.4156 ha of forest land for Construction of Link Road to Village Gujrehra in Tehsil Kangra, District Kangra, H. P.

| Sr. No. | Particulars of work | Qty. | Unit | Rate per Unit at wage rate of Rs. 150/- | Amount @ Wage Rate Rs. 300/- for Non Tribal Areas |
|----------------------------|--|--------|------|---|---|
| 1 | Survey & demarcation of plantation area | 1.04 | Ha. | 101.00 | 210.00 |
| 2 | Bush Cutting in Strips | 1.04 | Ha. | 1192.80 | 2481.00 |
| 3 | Collection of Debris and Burning | 1.04 | Ha. | 681.80 | 1418.00 |
| 4 | Preparation of Inspection Path 60 cm wide | 260 | m | 11.00 | 5720.00 |
| 5 | Digging of pits 60x60x60 cm | 831 | No. | 1745% | 29001.90 |
| 6 | Filling of pits 60x60x60 cm. | 831 | No. | 254% | 4221.00 |
| 7 | Carriage of plants in P/bags from nursery to work site over distance 1 km. (level) | 831 | No. | 1476% | 24531.00 |
| 8 | Planting of tall plants including ramming | 831 | No. | 654% | 10874.00 |
| 9 | Cost of RCC fence posts | 52 | No. | 358.00 | 18616.00 |
| 10 | Carriage of RCC Fence Post | 52 | No. | L/S | 16000.00 |
| 11 | Fixing of RCC Posts including strutting | 52 | No. | 696.35% | 724.00 |
| 12 | Stretching and fixing of barbed wire with U-staple in four strands | 608 | Rmt. | 4.80 | 5837.00 |
| 13 | Interlacing of thorny bushes with barbed wire | 203 | Rmt. | 4.00 | 1624.00 |
| 14 | Cost of barbed wire | 0.0874 | MT. | 65100.00 | 5690.00 |
| 15 | Cost of U -staple | 0.0010 | MT. | 64000.00 | 64.00 |
| 16 | Mulching of plants | 831 | No. | 84.80% | 1409.00 |
| 17 | Irrigation as per need/photography etc. | | L/s | | 2500.00 |
| 18 | Nursery Cost of Tall Plant | 831 | No. | 57.00 | 47367.00 |
| | Total | | | | 178287.90 |
| Total Planting Cost | | | | | 178288.00 |

| | | |
|--|----------------------------------|---------------|
| 1 | 1st Year Maintenance (1.04 HAC) | 6115 |
| 2 | 2nd Year Maintenance (1.04 HAC) | 3380 |
| 3 | 3rd Year Maintenance (1.04 HAC) | 2018 |
| 4 | 4th Year Maintenance (1.04 HAC) | 2018 |
| 5 | 5th Year Maintenance (1.04 HAC) | 2018 |
| 6 | 6th Year Maintenance (1.04 HAC) | 2018 |
| 7 | 7th Year Maintenance (1.04 HAC) | 2018 |
| 8 | 8th Year Maintenance (1.04 HAC) | 2018 |
| 9 | 9th Year Maintenance (1.04 HAC) | 2018 |
| 10 | 10th Year Maintenance (1.04 HAC) | 2018 |
| Total Maintenance Cost | | 25639 |
| Total Cost | | 203927 |
| Add: Contingency Charges 5 % | | 10196 |
| Total | | 214123 |
| Add: Departmental Charges 17.5 % | | 37472 |
| Total Cost of CA for 831 Tall Plants in 1.04 ha | | 251595 |


 Divisional Forest Officer
 Dharamshala Forest Division
 Dharamshala, District Kangra