

**Full Title of the Project:** Diversion area of 0.005 ha of forest land for approach access road to Sant Enclave (Residential Colony) for Sh. Ranjodh Singh S/o Late Sh. Surinder Singh situated at village Jian on Ropar-Hoshiarpur road, KM 81-82 RHS Tehsil and Distt Hoshiarpur (Punjab)

**File No. :** \_\_\_\_\_  
**Date of Proposal:** \_\_\_\_\_

**CHECK LIST SERIAL NUMBER: 6 (i) & (v)**

**"SCHEME FOR COMPENSATORY AFFORESTATION for 100 Plants"**

Detailed scheme for Compensatory Afforestation for 100 Plants to be carried out in lieu of 0.005 Ha., of forest area to be diverted for **Diversion area of 0.005 ha of forest land for approach access road to Sant Enclave (Residential Colony) for Sh. Ranjodh Singh S/o Late Sh. Surinder Singh situated at village Jian on Ropar-Hoshiarpur road, KM 81-82 RHS Tehsil and Distt Hoshiarpur (Punjab)**

1. **Details of degraded forest land/non-forest land:-**  
District **Hoshiarpur** Village **Chak Sadhu, PF**  
Tehsil : **Hoshiarpur**  
Name of Forest Division **Hoshiarpur** Range **Hoshiarpur**  
Block/Compartment/Survey No.: **H.B. No. 503**  
Area to be afforested = **0.100 Ha CA**
2. **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 : **---**
  - 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**
  - IV) Soil type : **Medium.**
  - V) Topography :
    - (a) **Hilly/Undulating/Plain**
    - (b) **Slope: Steep/Medium/Gentle**
  - VI) Whether the area is bearing any root stock of vegetation: **NIL**
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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08/07/2025

## Plantation &amp; Mtc 10 Yrs @411.06

**Schedule of plantation of Programme:-****Detail of year wise breaking of requirement of funds is as under:-**

| Year                              | Area<br>(in Ha.) | Rate/Ha.         | Total Amount    |
|-----------------------------------|------------------|------------------|-----------------|
| Plantation with Current Year Mtc. | 0.100            | 233683.91        | 23368.39        |
| 1st Year Maintenance              | 0.100            | 91542.39         | 9154.24         |
| 2nd Year Maintenance              | 0.100            | 57499.47         | 5749.95         |
| III rd Year Maintenance           | 0.100            | 53492.48         | 5349.25         |
| IV th Year Maintenance            | 0.100            | 49584.86         | 4958.49         |
| V th Year Maintenance             | 0.100            | 7481.29          | 748.13          |
| VI th Year Maintenance            | 0.100            | 7481.29          | 5252.00         |
| VII th Year Maintenance           | 0.100            | 7481.29          | 748.13          |
| VIII th Year Maintenance          | 0.100            | 7481.29          | 748.13          |
| IX th Year Maintenance            | 0.100            | 7481.29          | 748.13          |
| X th Year Maintenance             | 0.100            | 7481.29          | 748.13          |
| <b>Total</b>                      | <b>0.100</b>     | <b>530690.86</b> | <b>53069.09</b> |
| <b>Over Head expenses 5%</b>      | 0.100            | 26534.54         | 2653.45         |
| <b>Wage Enhancement @ 10%</b>     | 0.100            | 53069.09         | 5306.91         |
| <b>G. Total</b>                   | <b>0.100</b>     | <b>610294.49</b> | <b>61029</b>    |

**3. Technical details:-**

Technical Details of Compensatory Afforestation Scheme Are As Follows:-

- General Details:-
- Spacing:- 0.5m x 0.5m x 0.4m
- Species:- Beri, Simbal, Jand, Kikar, Khair, Amla, Bahera, Phalahi etc
- Plantation Method:- Pits Method
- Soil And Moisture Conservation Works:-
- Protection (Fencing, Watch Man, People's Participation Etc.)
- Proposed Monitoring Mechanism:- as per guidelines issued by PCCF.
- Any Other Information: Nil

Date:

Place : Hoshiarpur

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Plantation Model For Standard Plantation of CA Scheme for Diversion area of 0.005 ha of forest land for approach access road to Sant Enclave (Residential Colony) for Sh. Ranjodh Singh S/o Late Sh. Surinder Singh located at village Jian on Ropar-Hoshiarpur road, KM 81-82 RHS Tehsil and Distt Hoshiarpur (Punjab), under Hoshiarpur Forest Division.

- 1 Diverted Forest Area = 0.005 Ha.
- 2 100 Plants Comp. Aff. Schme area = 0.100 ha
- 3 Name of Site of Plantation : Chak Sadhu PF, H.B.No. 503
- 4 No. of plants Planted =  $0.100 \times 1000 = 100$  Plants
- 5 Name of speices to be planted ( Berl, Simbal, Jand, Kikar, Khair, Amla, Bahera, Phalahi etc)  
Daily Wago Baso Rate @ 328 Current Revised rate @ 411.06

**Plantation Model For Standard Plantation under Compensatory Afforestation**

**Plants Per Hectare : 1000 Nos.**

| Sr. No.  | Name of Work                                                          | Unit     | Qty.          | Unit Cost (in Rs.) | Amount           |
|----------|-----------------------------------------------------------------------|----------|---------------|--------------------|------------------|
|          | <b>Nursery</b>                                                        |          |               |                    |                  |
|          | Nursery cost of raising plants                                        | 1100     | 1100          | 25.06              | 27571.10         |
| <b>A</b> | <b>Soil Work</b>                                                      |          |               |                    |                  |
| 1        | Site / Jungle Clearance (25%)                                         | Ha.      | 0.5           | 6726.37            | 3363.19          |
| 2        | Alignment & Dagbaling                                                 | Ha.      | 1             | 1233.18            | 1233.18          |
| 3        | Earth works in Digging of Pits 1000 x 0.5 m x 0.5 m x 0.4 m           | 1 M3     | 100           | 127.05             | 12705.26         |
| 5        | Kana Stubbing 25%                                                     | Ha.      | 0.25          | 33631.73           | 8407.93          |
| <b>B</b> | <b>Plantation Work</b>                                                |          |               |                    |                  |
| 1        | Refilling of Pits 1000x0.5mx0.5mx0.3                                  | 100 cum  | 75            | 3442.63            | 2581.97          |
| 2        | Loading & Unloading of Plants (1000+10% Wastage=1100)                 | 100 No.  | 1100          | 689.28             | 7582.05          |
| 3        | Carriage of Plants (1000+10% wastage =1100 avg. distance upto 10 km.) | 100 No.  | 1100          | 246.64             | 2713.00          |
| 4        | i) Carriage from site to site                                         | 100 No.  | 1000          | 164.42             | 1644.24          |
|          | ii) Planting of Plants (1000 No. including 10% replacement)           | 100 No.  | 1000          | 1233.18            | 12331.80         |
| 5        | Spot Irrigation (1000 Plants)                                         | 100 No.  | 1000          | 256.91             | 2569.13          |
| 6        | Application of Insecticide (2 Times)                                  | 100 No.  | 1000          | 51.38              | 513.83           |
| 7        | Application of Fertilizers (2 Times)                                  | 100 No.  | 1000          | 51.38              | 513.83           |
| 8        | Weeding & Hoeing 3 Times                                              | 100 No.  | 3000          | 448.06             | 13441.66         |
| 9        | Hand Watering (12 Times)                                              | 100 No.  | 12000         | 256.91             | 30829.50         |
| 10       | Replanting of Plants 10%                                              | 100 No.  | 100           | 725.76             | 725.76           |
| 11       | Rejungle Clearance (2 Times)                                          | Per Ha.  | 1             | 2980.19            | 2980.19          |
| 12       | Covering (25% plants) of plants                                       | 100 No.  | 250           | 369.95             | 924.89           |
| 13       | Uncovering of plants                                                  | 100 No.  | 250           | 41.11              | 102.77           |
| 14       | Restubbing of Kana (1 Time)                                           |          | 0.25          | 33632.10           | 8408.03          |
| 15       | Laying out & fixing of Barbed Wire                                    | L/s      |               |                    | 9865.44          |
| 16       | Watch & Ward for every 10 Ha. ( 7 Months)                             | Man Year | 1 Man 7 Month | 10687.56           | 7481.29          |
| 17       | Material                                                              | L/s      |               |                    | 6266.16          |
|          | i) Insecticides / Fertilizers                                         | L/s      |               |                    | 6266.16          |
|          | ii) POL                                                               | L/s      |               |                    | 62661.59         |
|          | iii) Barbed Wire                                                      |          |               |                    | <b>233683.91</b> |
|          | <b>Sub Total</b>                                                      |          |               |                    |                  |
|          | <b>Maintenance 1 Year</b>                                             |          |               |                    |                  |
| 1        | Cost of raising plants for 30% replacement                            | 1 No.    | 300           | 25.06              | 7519.39          |
| 2        | Reopening of Pits 300 x 0.50 x 0.50 x 0.30                            | 1 m3     | 21.6          | 74.73              | 1681.43          |
| 3        | Refilling of pits with earth in other soils 300 x 0.50 x 0.50 x 0.30  | 1 m3     | 21.6          | 34.43              | 774.59           |
| 4        | Loading & Unloading of Plants                                         | 1 No.    | 300           | 3.08               | 924.89           |
| 5        | Carriage of Plants (300+10% Wastage = 330 avg. distance upto 10 Km.)  | 100 No.  | 1             | 245.88             | 245.88           |
| 6        | Spreading of plants pit to pit                                        | 100 No.  | 165           | 164.42             | 271.30           |
| 7        | Re-Planting to plants                                                 | 100 No.  | 165           | 412.41             | 680.48           |

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Hoshiarpur Forest Division  
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08/07/2025

|    | Name of Work                                                         | Unit     | Qty.         | Unit Cost (in Rs.) | Amount          |
|----|----------------------------------------------------------------------|----------|--------------|--------------------|-----------------|
|    | Spot Irrigation                                                      | 100 No.  | 165          | 256.91             | 423.91          |
|    | Weeding & Hoeing (Three)                                             | 100 No.  | 3000         | 448.06             | 13441.66        |
| 10 | Application of Insecticide (2 Times)                                 | 100 No.  | 1000         | 51.38              | 513.83          |
| 11 | Application of Fertilizers (2 Times)                                 | 100 No.  | 1000         | 51.38              | 513.83          |
| 12 | Hand Watering (6 Times)                                              | 100 No.  | 6000         | 448.06             | 26883.32        |
| 13 | Rejungle Clearance (2 Times)                                         | Per Ha.  | 1            | 2980.19            | 2980.19         |
| 14 | Restubbing of Kana                                                   | Per Ha.  | 0.25         | 33631.73           | 8407.93         |
| 15 | Watch & Ward for every 10 Ha. (10 Months)                            | Man Year | 1/10 Man Yr. | 10687.56           | 7481.29         |
| 16 | Repair of Barbed Wire                                                | L/s      |              |                    | 6266.16         |
| 17 | POL & Machinery                                                      | L/s      |              |                    | 6266.16         |
| 18 | Material and Supply                                                  | L/s      |              |                    | 6266.16         |
|    | <b>Sub Total</b>                                                     |          |              |                    | <b>91542.39</b> |
|    | <b>2nd Year Maintenance</b>                                          |          |              |                    |                 |
| 1  | Cost of raising plants for 15% replacement                           | 1 No.    | 150          | 25.06              | 3759.70         |
| 2  | Reopening of Pits 150 x 0.60 x 0.60 x 0.40                           | 1 m3     | 21.6         | 74.73              | 807.09          |
| 3  | Refilling of pits with earth in other soils 150x 0.60 x 0.60 x 0.40  | 1 m3     | 21.6         | 34.43              | 371.80          |
| 4  | Loading & Unloading of Plants                                        | 1 No.    | 75           | 3.08               | 231.22          |
| 5  | Carriage of Plants Wastage = 75 avg. distance upto 10 Km.)           | 500 No.  | 1            | 245.88             | 245.88          |
| 6  | Spreading of plants pit to pit                                       | 100 No.  | 75           | 164.42             | 123.32          |
| 7  | Re-Planting to plants                                                | 100 No.  | 75           | 287.10             | 215.33          |
| 8  | Spot Irrigation                                                      | 100 No.  | 75           | 256.91             | 192.68          |
| 9  | Weeding & Hoeing (Twice)                                             | 100 No.  | 2000         | 448.06             | 8961.11         |
| 10 | Hand Watering (5 Times)                                              | 100 No.  | 5000         | 256.91             | 12845.63        |
| 11 | Rejungle Clearance (2 Times)                                         | Per Ha.  | 1            | 2980.19            | 2980.19         |
| 12 | Pruning to Plants                                                    | 100 No.  | 100          | 485.77             | 485.77          |
| 13 | Watch & Ward for every 10 Ha.                                        | Man Year | 1/10 Man Yr. | 10687.56           | 7481.29         |
| 14 | Repair of Barbed Wire                                                | L/s      |              |                    | 6266.16         |
| 15 | POL & Machinery                                                      | L/s      |              |                    | 6266.16         |
| 18 | Material and Supply                                                  | L/s      |              |                    | 6266.16         |
|    | <b>Sub Total</b>                                                     |          |              |                    | <b>57499.47</b> |
|    | <b>3rd Year Maintenance</b>                                          |          |              |                    |                 |
| 1  | Cost of raising plants for 10% replacement                           | 1 No.    | 100          | 25.06              | 2506.46         |
| 2  | Reopening of Pits 100 x 0.50 x 0.50 x 0.40                           | 1 m3     | 10           | 7473.02            | 538.06          |
| 3  | Refilling of pits with earth in other soils 100 x 0.50 x 0.50 x 0.30 | 1 m3     | 7.5          | 34.43              | 247.87          |
| 4  | Loading & Unloading of Plants                                        | 1 No.    | 100          | 3.08               | 308.30          |
| 5  | Carriage of Plants 50 avg. distance upto 10 Km.)                     | 100 No.  | 100          | 1.25               | 125.32          |
| 6  | Spreading of plants pit to pit                                       | 100 No.  | 100          | 164.42             | 164.42          |
| 7  | Re-Planting to plants                                                | 100 No.  | 100          | 287.10             | 287.10          |
| 8  | Spot Irrigation                                                      | 100 No.  | 100          | 256.91             | 256.91          |
| 9  | Weeding & Hoeing (thrice)                                            | 100 No.  | 2000         | 448.06             | 8961.11         |
| 10 | Hand Watering (8 Times)                                              | 100 No.  | 5000         | 256.91             | 12845.63        |
| 11 | Pruning to Plants 20%                                                | 100 No.  | 200          | 485.77             | 971.53          |
| 12 | Watch & Ward for every 10 Ha.                                        | Man Year | 1/10 Man Yr. | 10687.56           | 7481.29         |
| 13 | Repair of Barbed Wire                                                | L/s      |              |                    | 6266.16         |
| 14 | POL & Machinery                                                      | L/s      |              |                    | 6266.16         |
| 15 | Material and Supply                                                  | L/s      |              |                    | 6266.16         |
|    | <b>Sub Total</b>                                                     |          |              |                    | <b>53492.48</b> |
|    | <b>4th Year Maintenance</b>                                          |          |              |                    |                 |
| 1  | Cost of raising plants for 5% replacement                            | 1 No.    | 50           | 25.06              | 1253.23         |
| 2  | Reopening of Pits 50 x 0.50 x 0.50 x 0.40                            | 1 m3     | 5            | 7473.02            | 538.06          |
| 3  | Refilling of pits with earth in other soils 100 x 0.50 x 0.50 x 0.30 | 1 m3     | 3.75         | 34.43              | 247.87          |
| 4  | Loading & Unloading of Plants                                        | 1 No.    | 50           | 3.08               | 154.15          |

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08/07/2025

| Sr. No.                                                                                                                       | Name of Work                                     | Unit     | Qty.         | Unit Cost (in Rs.) | Amount           |
|-------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|----------|--------------|--------------------|------------------|
| 5                                                                                                                             | Carriage of Plants 50 avg. distance upto 10 Km.) | 100 No.  | 50           | 1.25               | 62.66            |
| 6                                                                                                                             | Spreading of plants pit to pit                   | 100 No.  | 50           | 164.42             | 82.21            |
| 7                                                                                                                             | Re-Planting to plants                            | 100 No.  | 50           | 287.10             | 143.55           |
| 8                                                                                                                             | Spot Irrigation                                  | 100 No.  | 50           | 256.91             | 128.46           |
| 9                                                                                                                             | Weeding & Hoeing (thrice)                        | 100 No.  | 2000         | 448.06             | 8961.11          |
| 10                                                                                                                            | Hand Watering (8 Times)                          | 100 No.  | 4000         | 256.91             | 10276.50         |
| 11                                                                                                                            | Pruning to Plants 30%                            | 100 No.  | 300          | 485.77             | 1457.30          |
| 12                                                                                                                            | Watch & Ward for every 10 Ha.                    | Man Year | 1/10 Man Yr. | 10687.56           | 7481.29          |
| 13                                                                                                                            | Repair of Barbed Wire                            | L/s      |              |                    | 6266.16          |
| 14                                                                                                                            | POL & Machinery                                  | L/s      |              |                    | 6266.16          |
| 15                                                                                                                            | Material and Supply                              | L/s      |              |                    | 6266.16          |
|                                                                                                                               | <b>Sub Total</b>                                 |          |              |                    | <b>49584.86</b>  |
|                                                                                                                               | <b>5th Year Maintenance</b>                      |          |              |                    |                  |
| 1                                                                                                                             | Watch & Ward for every 10 Ha. (10 Motnts)        | Man Year | 1/10 Man Yr. | 10687.56           | 7481.29          |
|                                                                                                                               | <b>Sub Total</b>                                 |          |              |                    | <b>7481.29</b>   |
|                                                                                                                               | <b>6th Year Maintenance</b>                      |          |              |                    |                  |
| 1                                                                                                                             | Watch & Ward for every 10 Ha. (10 Motnts)        | Man Year | 1/10 Man Yr. | 10687.56           | 7481.29          |
|                                                                                                                               | <b>Sub Total</b>                                 |          |              |                    | <b>7481.29</b>   |
|                                                                                                                               | <b>7th Year Maintenance</b>                      |          |              |                    |                  |
| 1                                                                                                                             | Watch & Ward for every 10 Ha. (10 Motnts)        | Man Year | 1/10 Man Yr. | 10687.56           | 7481.29          |
|                                                                                                                               | <b>Sub Total</b>                                 |          |              |                    | <b>7481.29</b>   |
|                                                                                                                               | <b>8th Year Maintenance</b>                      |          |              |                    |                  |
| 1                                                                                                                             | Watch & Ward for every 10 Ha. (10 Motnts)        | Man Year | 1/10 Man Yr. | 10687.56           | 7481.29          |
|                                                                                                                               | <b>Sub Total</b>                                 |          |              |                    | <b>7481.29</b>   |
|                                                                                                                               | <b>9th Year Maintenance</b>                      |          |              |                    |                  |
| 1                                                                                                                             | Watch & Ward for every 10 Ha. (10 Motnts)        | Man Year | 1/10 Man Yr. | 10687.56           | 7481.29          |
|                                                                                                                               | <b>Sub Total</b>                                 |          |              |                    | <b>7481.29</b>   |
|                                                                                                                               | <b>10th Year Maintenance</b>                     |          |              |                    |                  |
| 1                                                                                                                             | Watch & Ward for every 10 Ha. (10 Motnts)        | Man Year | 1/10 Man Yr. | 10687.56           | 7481.29          |
|                                                                                                                               | <b>Sub Total</b>                                 |          |              |                    | <b>7481.29</b>   |
|                                                                                                                               | <b>Total</b>                                     |          |              |                    | <b>530690.86</b> |
|                                                                                                                               | <b>Over Head expenses 5%</b>                     |          |              |                    | <b>26534.54</b>  |
|                                                                                                                               | <b>Wage Enhancement @ 10%</b>                    |          |              |                    | <b>53069.09</b>  |
|                                                                                                                               | <b>G. Total</b>                                  |          |              |                    | <b>610294.49</b> |
|                                                                                                                               | <b>Comp. Aff. Scheme for 1.00 Ha.</b>            |          |              |                    | <b>610294.49</b> |
| <b>A. Cost of Compensatory Afforestation per Ha. For 7-10 Year for 100 Plants in 0.100 ha.</b>                                |                                                  | Ha.      | 610294.49    | 0.100              | 61029            |
| <b>B. Entry Point Activities</b> 10% of CA Livelihood generation activities strengthening of JFMC, training, Solar Light etc. |                                                  |          |              |                    | 6103             |
| <b>TOTAL</b>                                                                                                                  |                                                  |          |              |                    | <b>67132</b>     |

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