No.FCA /RK/ 1942

H.P. Forest Department.

Dated: Dharamshala, the/_ OI - 07・2023

From:

Divisional Forest Officer, Dharamshala Forest Division, Dharamshala.

To:

The Nodal Officer - cum - SDO (Civil) Dharamshala,

Central University, North Campus, Dharamshala, District Kangra(H.P.)

Subject:

Diversion of 57.10 Ha. (Proposed revised forest area of 64.2016 ha. Minus 7.10 ha.) out of original proposed area of 75.3931 ha. Of forest land under Section – 2(ii) of Forest (Conservation) Act, 1980 for construction of North Campus Central University Dharamshala, District Kangra, Himachal Pradesh (Online Proposal No. FP/HP/Others/39044/2019) – regarding.

Sir,

Kindly refer to Govt. of India Ministry of Environment, Forests & Climate Change, (Forest Conservation Division), Indira ParyavaranBhawan, Aliganj, Jor Bag Road, New Delhi- 110003, office Letter No. 8-17/2020-FC dated 07.06.2023 addressed to The Principal Secretary (Forests), Department of Forest and Environment, Government of Himachal Pradesh, Shimla, on the subject cited above.

2. In this context it is intimated that the Govt. of India has conveyed "Inprinciple/Stage-I Approval" under the provisions of Forest (conservation) Act, 1980 for the diversion of forest land on the subject cited above. As already mentioned in the approval in question that the GOI has developed an e-payment module forest clearance portal for online remittance of the amount under various components i.e. CA & NPV, therefore the payments towards above components shall be deposited online through the e-payment portal such online Challan mode in Ad-hoc CAMPA and the payment with respect to the departmental charges on Compensatory Afforestation and Cost of Trees are to be deposited in State Govt. Treasury. The component wise detail of amount and mode of deposition is as under:

| Component | Amount (Rs.) | | Where the amount is to b deposited | | | | |
|---|----------------|------------------|---|--|--|--|--|
| Net Present Value (NPV) | 6,10,66,737/- | e-payment | Through PariveshOnline portal, as per stipulation No. | | | | |
| Compensatory Afforestation | 4,18,74,157/- | e-payment | v, vi and viiiof "Stage-I Approval in the Adhoc | | | | |
| 5% Contingency on CA Scheme | 20,93,708/- | e-payment | CAMPA Account. | | | | |
| Total Amount to be deposited through online (CAMPA Account) | 10,50,34,602/- | | | | | | |
| Departmental Charges | 76,94,376/- | State Govt. Head | State Head with DFO | | | | |

| 17.5% on CA | - | Dharamshala through RTGS in Account No. |
|--|----------------|--|
| Cost of Trees in Forest and Non Forest Land | 18,76,65,276/- | No.10520100005843 IFSC - |
| Total Amount to be deposited in State Head | 19,53,59,652/- | BARB0DHAKAN, Bank of Baroda, Kotwali Bazar, Dharamshala as per stipulation No. vii of "Stage-I Approval. |
| Grand Total (Rs.) | 30,03,94,254/- | |

3 In addition to above, you are also requested to go through the other stipulations of the "in-principle" approval and compliance be reported to this office complete in all respect, so that the Stage-II approval could be sought from the competent authority. It may also be ensured that the proposed forest land may not be used till final approval is accorded by the competent authority.

Encl: As stated.

Divisional Violent Different Officer Dharanishala Foresti Division,

Dharamshala.msh.sla

| FILE No. | FP/HP/Others/39044/2019 |
|------------------|-------------------------|
| Date of Proposal | |

BILL FOR NET PRESENT VALUE

| Eco-Value Class | e Class Area in Hectare Rate(per Ha.) | | Total Amount (Rs.) |
|----------------------|---------------------------------------|------------|--------------------------|
| Class VI Open Forest | 57.10 | 1069470.00 | ² 61066737.00 |
| | TOTAL AMOUNT | 1 | 61066737.00 |

Dinesti Spranial Perest Officer
Divisional Eprest Officer
Dharemsnala Foresta Division

Dharamshala

FILE NO.

: FP/HP/Others/39044/2019

DATE OF PROPOSAL

CHECK LIST SERIAL NUMBER: - 17 "SCHEME FOR COMPENSATORY AFFORESTATION"

Detail scheme for Compensatory Afforestation to be carried out in lieu of 57.10 ha. of forest area to be diverted for the construction of Central University North Campus at Dharamshala in District Kangra H.P.

1. Detail of degraded forest land :

| District Kangra, Tehsil Dharamshala, Division Dharamshala. | Malan Range, Block/Comptt. No. Dhar Narwana | Area to be Afforested – 22.5 HA |
|--|--|---------------------------------|
| District Kangra, Tehsil Dharamshala, Division Dharamshala. | Dharamshala Range, Block/Comptt. No. CFS Khanyara | Area to be Afforested – 50 HA |
| District Kangra, Tehsil Dharamshala, Division Dharamshala. | Dharamshala Range, Block/Comptt. No. P51K Naddi C-3B | Area to be Afforested – 25 HA |
| District Kangra, Tehsil Shahpur, Division Dharamshala. | Shahpur Range, Block/Comptt. No. UP Lam I | Area to be Afforested – 31 HA |
| | Total | 128.5 HA |

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 | RATE / ha (in Rs.) | TOTAL AMOUNT |
|--|------------|--------------------|-------------------|
| 0 Year | 128.5 Hac. | 155425 | 19972113 |
| 1st Year | 128.5 Hac. | 28314 | 3638349 |
| 2 nd Year | 128.5 Hac. | 20566 | 2642731 |
| 3 rd Year | 128.5 Hac. | 11263 | 1447296 |
| 4 th Year | 128.5 Hac. | 12068 | 1550738 |
| 5 th Year | 128.5 Hac. | 12872 | 1654052 |
| 6th Year | 128.5 Hac. | 13677 | 1757495 |
| 7 th Year | 128.5 Hac. | 14481 | 1860809 |
| 8th Year | 128.5 Hac. | 15286 | 1964251 |
| 9th Year | 128.5 Hac. | 16090 | 2067565 |
| 10 th Year | 128.5 Hac. | 16895 | 2171008 |
| Lantana Eradication in 25 ha | 25 Hac. | 45910 | 1147750 |
| TOTAL (Rs.) | | | 41874157 |
| Contingency Charges 5 % | | | 2093708 |
| TOTAL (Rs.) | | | 43967865 |
| Departmental Charges 17.5 % | | | 7694376 |
| TOTAL (Rs.) | 4 7 1977 | | 51662241 |
| The principle of the state of t | | OR SAY | Rs. 5,16,62,241/- |

5. Technical details

Technical details of Compensatory Afforestation Scheme are as follows:-

| a. | General Details | Area for Compensatory Afforestation in |
|----|--|---|
| | | Forest Range Malan, Dharamshala & Shahpur Area 128.5 Hac. |
| b. | Spacing | 2.5 X 2.5 |
| c. | Species | Mix Broad Leave |
| 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: 01-07-2013

Din Divisional Forest Officer Div Forest Division Oha Dharamshala

FILE No. FP/HP/Others/39044/2019
Date of Proposal

Scheme for Compenstoy Afforestation for 2023-24 in lieu of Diversion of 57.10 ha of forest land for Construction of North Campus Central University at Dharamshala in District Kangra, H. P.

Village Dhar Narwana, Forest Division Dharamshala, Malan Forest Range, District Kangra, Compartment No.Dhar Narwana, Area 22.5 Hac.

| Sr. Na. | Particulars of work | Unit | Qty. | Rate per Unit at wage rate of Rs. 150/- | Mandays Involved | Amount at wage rate of Rs. 375/- for Non-Tribal Areas |
|--------------------|--|--------------------|-------------|---|---------------------|---|
| А | Survey, Demarcation & Fencing Cost | | | | | |
| 1 | Survey & demarcation of plantation area | ha. | 1 | 101.00 | 0.67 | 251.25 |
| 2 | Preparation/purchase of RCC Fence posts. | No. | 50 | 358.00 | 0.00 | 17900.00 |
| 3 | Carriage of RCC Fence posts up to 165 cm long over distance 2 Km | Km/ No. | 50 | 33.50 | 22.33 | 14373.75 |
| 4 | Preparation/digging of holes of 20x30x50 cm size | No. | 50 | 9.06 | 3.02 | 1132.50 |
| .5. | Fixing of RCC fence posts including strutting. | No. | 50 | 7.16 | 2.39 | 896.25 |
| 6 | Carriage of Barbed wire over distance 2 Km. uphill / downhill | . Km/ Qtl. | 0.75 | 73.65 | 0.74 | 277.50 |
| 7 | Stretching & fixing of barbed wire in 4 strands | Rmt. | 600 | 4.80 | 8.00 | 3000.00 |
| 8 | Interlacing of Thorny bushes along the fence | Rmt. | 150 | 4.09 | 4.09 | 1533.75 |
| 9 | Cost of Barbed Wire | Qtl. | 0.75 | 6510.00 | 0.00 | 4882.00 |
| 10 | Nursery Cost of Plants | No. | 1100 | 37.00 | 0.00 | 40700.00 |
| ST (1) (1) (1) (1) | | Total | - A (Surve | y, Demarcatio | on & Fencing) | 84947.00 |
| | | | | | or Say | 84950 |
| В | Planting Cost | | 1 | | | |
| 1 | Bush Cutting in Strips (3 m x 3 m) | ha. | 1 | 1192.80 | 7.95 | 2981.25 |
| 2 | Digging of pits 45x45x45 cm | No. | 1100 | 9.54 | 69.96 | 26235.00 |
| 3 | Filling of pits 45x45x45 cm. | No. | 1100 | 2.72 | 19.95 | 7481.25 |
| 4 | Carriage of plants in P/bags over distance 2 km. | Km/ No. | 1100 | 1.90 | 27.87 | 10451.25 |
| 5 | Planting of entire plant raised in P.bags. | No. | 1100 | 2.18 | 15.99 | 5996.25 |
| | Planting of grass tufts/preparation of strips including sowing in strips 100x30x5 cm for grass sowing along contour. | Rmt. | 100 | 11.00 | 7.33 | 2748.75 |
| - 20 | | No. | 0 | LS | 0 | 450.00 |
| C | Total Planting C | ost | | | | 56343.75 |
| | | | | | or Say | 56345 |
| D | Grand Total (A- | -В) | | | | 141295 |
| | Add 10 % Increase on | | | William | | 14130 |
| E | Total Plantation | Cost | | | | 155425 |
| | 1st Year Maintenance Co | st (30 % Beating U | p): | | | |
| 1 | Re-digging of Pits 45 x 45 x 45 cm | No. | 330 | 4.77 | 10.49 | 3935.25 |
| 2 | Filling of Pits 45 x 45 x 45 cm | No. | 330 | 2.72 | 5.98 | 2244.00 |
| 3 | Planting of Plants raised in P/Bags | No. | 330 | 2.18 | 4.80 | 1798.50 |
| 4 | Carriage of Plants in P/Bags over a distance of 2 Km uphill/downhill | Km/ No. | 330 | 1.90 | | 3135.00 |
| 5 | Repair of Fencing | Rmt. | 60 | 1.80 | | 270.00 |
| | | | Total/ | 1st Year Men | tenance Cost | 11383 |
| 9396 | | | | 10-02- | or Say | 11385 |
| | 2nd Year Maintenance Co | st (20 % Beating U | p): | 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - | | |
| 1 | Re-digging of Pits 45 x 45 x 45 cm | No. | 220 | 4.77 | 7.00 | 2623.50 |
| 2 | Filling of Pits 45 x 45 x 45 cm | No. | 220 | 2.72 | 3.99 | 1496.00 |
| 3 | Planting of Plants raised in P/Bags | No. | 220 | 2.18 | 3.20 | 1199 00 |
| 4 | Carriage of Plants in P/Bags over a distance of 2 Km uphill/ downhill | Km/ No. | 220 | 1.90 | 5.57 | 2090.00 |
| 5 | Repair of Fencing | Rmt. | 60 | 1.80 | 0.72 | 270.00 |
| | APP CAN ALL | | Total/ 7 | nd Vaar Man | tenance Cost | 7679 |
| | | | . Ottalij z | ind real men | teriorice cost | 1013 |

| 1 | Re-digging of Pits 45 x 45 x 45 cm | No. | 110 | 4.77 | 3.50 | 1311.75 |
|---|---|---------|------------|------------|------------|---------|
| 2 | Filling of Pits 45 x 45 x45 cm | No. | 110 | 2.72 | 1.99 | 748.00 |
| 3 | Planting of Plants raised in P/Bags | No. | 110 | 2.18 | 1.60 | 599.50 |
| 4 | Carriage of Plants in P/Bags over a distance of 2 Km uphill/ downhill | Km/ No. | 110 | 1.90 | 2.79 | 1045.00 |
| 5 | Repair of Fencing | Rmt. | 60 | 1.80 | 0.72 | 270.00 |
| | | | Total/ 3rd | Year Mente | nance Cost | 3974 |
| | | | | | or Sav | 3975 |

| F | Maintenance Cost | | | | | | | |
|--|---|------------------|------------------|-------------------|-----------------|---------------------------------------|---------------------|------------------------------|
| | Year | Amount | No. of Plants | Cost of Plants | Total Amount | Increase % | Increased Amount | Total Maintenance Cost |
| 1 | Ist year Maintenance | 11385 | 330 | 37 | 23595 | 20% | 4719 | 28314 |
| 2 | 2 nd year Maintenance | 7680 | 220 | 37 | 15820 | 30% | 4746 | 20566 |
| 3 | 3 rd year Maintenance | 3975 | 110 | 37 | 8045 | 40% | 3218 | 11263 |
| 4 | 4 th year Maintenance | 3975 | 110 | 37 | 8045 | 50% | 4023 | 12068 |
| 5 | 5 th year Maintenance | 3975 | 110 | 37 | 8045 | 60% | 4827 | 12872 |
| 6 | 6 th year Maintenance | 3975 | 110 | 37 | 8045 | 70% | 5632 | 13677 |
| 7 | 7 th year Maintenance | 3975 | 110 | -37 | 8045 | 80% | 6436 | 14481 |
| 8 | 8 th year Maintenance | 3975 | 110 | 37 | 8045 | 90% | 7241 | 15286 |
| 9 | 9 th year Maintenance | 3975 | 110 | 37 | 8045 | 100% | 8045 | 16090 |
| 10 | 10 th year Maintenance | 3975 | 110 | 37 | 8045 | 110% | 8850 | 16895 |
| G | 100 | otal Maintenance | e Cost 1 to 1 | 0 Years | | | | 161512 |
| Abstr | act of Cost | | | | | | | 1 |
| Н | Total Plantation Cost (E) | | | | | | | 155425 |
| 1 | Fotal Maintenance Cost for 10 years (G) | | | | | | * * | 161512 |
| | Total | | | | | 200 | | 316937 |
| J | Constituency Charges @ 5% | | | | | 1 7 | | 15847 |
| | Total | 40.0 | | | C. | | | 332783 |
| K | Departmental Charges @ 17.5% | | | | 19.00 | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | -81 | 58237 |
| | Grand Total (C to P) | | | | | 1194 | | 391020 |
| and the same of th | Total Cost of CA for 1 ha | | | | The same of | | | 391020 |

Total Cost of CA for 22.5 ha is Rs 391020 x 22.5 ha = Rs 87,97,973/-

Divisional forest Officer
Divisional forest Officer
Division forest Officer
Division forest Officer
Divisional forest Officer

FILE No. FP/HP/Others/39044/2019
Date of Proposal

Scheme for Compenstoy Afforestation for 2023-24 in lieu of Diversion of 57.10 ha of forest land for Construction of North Campus Central University at Dharamshala in District Kangra, H. P.

Village Khanyara, Forest Division Dharamshala, Dharamshala Forest Range, District Kangra, Compartment No.CFS Khanyara P15, Area 50 Hac.

| Sr. No. | Particulars of work | Unit | Qty. | Rate per Unit at wage rate of Rs. 150/- | Mandays Involved | Amount at wage rate of Rs. 375/- for Non- Tribal Areas |
|------------|--|--------------------------|-----------------|---|--|--|
| Α | Survey, Demarcation & Fencing Cost | | | | | |
| 1 | Survey & demarcation of plantation area | ha. | 1 1 | 101.00 | 0.67 | 251.25 |
| 2 | Preparation/purchase of RCC Fence posts. | No. | 50 | 358.00 | | 17900.00 |
| 3 | Carriage of RCC Fence posts up to 165 cm long over distan | | | 33.50 | 112/03/02 | 14373.75 |
| 4 | Preparation/digging of holes of 20x30x50 cm size | No. | 50 | 9.06 | | 1132.50 |
| .5. | Fixing of RCC fence posts-including strutting. | No. | 50 | 7.16 | | 896.25 |
| 6 | Carriage of Barbed wire over distance 2 Km. uphill / down | | | 73.65 | | 277.50 |
| 7 | Stretching & fixing of barbed wire in 4 strands | Rmt. | 600 | 4.80 | 8.00 | 3000.00 |
| 8 | Interlacing of Thorny bushes along the fence | Rmt. | 150 | 4.09 | | 1533.75 |
| 9 | Cost of Barbed Wire | Qtl. | 0.75 | 6510.00 | 0.00 | 4882.00 |
| 10 | Nursery Cost of Plants | No. | 1170 | 37.00 | | 40700.00 |
| | | 1000000 | otal - A (Surve | 0.000111700.0000011 | Control of Control | 84947.00 |
| | | | | y, Demareacie | or Say | 100000000 |
| В | Planting Cost | | | | UI Say | . 64930 |
| 1 | Bush Cutting in Strips (3 m x 3 m) | ha. | 1 | 1192.80 | 7.95 | 2094 25 |
| 2 | Digging of pits 45x45x45 cm | | 1100 | 9.54 | 69.96 | 2981.25 |
| 3 | Filling of pits 45x45x45 cm. Carriage of plants in P/bags over distance 2 km. uphill. | | 1100 | 2.72 | 19.95 | 26235.00 |
| 4 | | | lo. 1100 | 1.90 | 27.87 | 7481.25 10451.25 |
| 5 | Planting of entire plant raised in P.bags. | No. | 1100 | 2.18 | 15.99 | 5996.25 |
| | Planting of grass tufts/preparation of strips including sowing in strips 100x30x5 cm for grass sowing along contour. | Rmt. | 100 | 11.00 | 7.33 | 2748.75 |
| | | No. | . 0 | LS | 0 | 450.00 |
| С | Total | Planting Cost | | | - 9 | 56343.75 |
| | | | W. A. S. | | or Say | 56345 |
| D | * Gran | d Total (A+B) | | | | 141295 |
| | | ncrease on D | | 17 | | 14130 |
| E | Total | Plantation Cost | | - | | 155425 |
| | | enance Cost (30 % Beatin | g Up): | | 110 | 133423 |
| 1 | Re-digging of Pits 45 x 45 x 45 cm | No. | 330 | 4.77 | 10.49 | 3935.25 |
| 2 | Filling of Pits 45 x 45 x 45 cm | No. | 330 | 2.72 | 5.98 | 2244.00 |
| 3 | Planting of Plants raised in P/Bags | No. | 330 | 2.18 | 4.80 | 1798.50 |
| 4 | Carriage of Plants in P/Bags over a distance of 2 Km uphill/ | | | 1.90 | 8.36 | 3135.00 |
| 5 | Repair of Fencing | Rmt. | 60 | 1.80 | 0.72 | 270.00 |
| | | runa | | 1st Year Men | and the state of t | 11383 |
| | | | | -26 . 601 141611 | | 11393 |

| | } | | | | 1.2 | | | |
|---------|---|--------------------|---------------|---|--------------|---------------|--|-------------------|
| 4 | De dissing a Private and a second | nd Year Mainten | ance Cost (2) | | | | | A - 1-2 |
| 1 | Re-digging of Pits 45 x 45 x 45 cm | | | No. | 220 | 4.77 | | 2623.5 |
| 3 | Filling of Pits 45 x 45 x45 cm | | | No. | 220 | 2.72 | 200.4000000 | 1496.0 |
| 4 | Planting of Plants raised in P/Bags | | | No. | 220 | 2.18 | | 1199.00 |
| 5 | Carriage of Plants in P/Bags over a distance of Repair of Fencing | of 2 Km uphill/ do | wnhill | Km/ No. | 220 | 1.90 | | 2090.00 |
| | mepair or rending | | | Rmt. | 60 | 1.80 | 1000000 | 270.00 |
| | | | | | lotal/ 2 | nd Year Mer | tenance Cost | |
| | 3rd Yea | r to 10th Year Ma | intenance C | ort /10 9/ Bos | etino i Inla | *** | or Say | 7680 |
| 1 | Re-digging of Pits 45 x 45 x 45 cm | to zour rear the | intenance C | No. | 110 | 4.77 | 3.50 | 1211 76 |
| 2 | Filling of Pits 45 x 45 x 45 cm | oc | | No. | 110 | 2.72 |)(5)(1,5)(5)(1 | 1311.75 748.00 |
| 3 | Planting of Plants raised in P/Bags | | | No. | 110 | 2.18 | | 599.50 |
| 4 | Carriage of Plants in P/Bags over a distance of | Km/ No. | 110 | 1.90 | | 1045.00 | | |
| 5 | Repair of Fencing | | | Rmt. | 60 | 1.80 | | 270.00 |
| | | 3,000 | | | Total/ | 3rd Year Mer | tenance Cost | |
| | 10. | | | 300 | - | | or Say | |
| F | Maintenance Cost | 1 | | 1272 - 178 | | (17.) | | |
| | Year | Amount | No. of | Cost of | Total | Increase % | Increased | Total |
| • | | | Plants | Plants | Amount | | Amount | Maintenance |
| 1 | Ist year Maintenance | 111225 | | | | | | Cost |
| 2 | 2 nd year Maintenance | 111385 | 330 | 37 | 23595 | 20% | 4719 | 28314 |
| 3 | 2 year Maintenance | 7680 | 220 | 3,7 | 15820 | 30% | 4746 | 20566 |
| 4 | 3 rd year Maintenance | 3975 | 110 | 37 | 8045 | 40% | 3218 | 11263 |
| and the | 4 th year Maintenance | 3975 | 110 | 37 | 8045 | 50% | 4023 | 12068 |
| 5 | 5 th year Maintenance | 3975 | 110 | 37 | 8045 | 60% | 4827 | 12872 |
| 6 | 6 th year Maintenance | 3975 | 110 | 37 | 8045 | 70% | 5632 | 13677 |
| 7 | 7 th year Maintenance | 3975 | 110 | 37 | 8045 | 80% | 6436 | 14481 |
| 8 | 8 th year Maintenance | 3975 | 110 | 37 | 8045 | 90% | 7241 | 15286 |
| 9 | 9 th year Maintenance | 3975 | 110 | 37 | 8045 | 100% | 8045 | 16090 |
| 10 | 10 th year Maintenance | 3975 | 110 | 37 | 8045 | 110% | 8850 | 16895 |
| G | | otal Maintenance | e Cost 1 to 1 | 1941020000 | | 12070 | . 0000 | 161512 |
| Abstr | act of Cost, | - Fr | | | | | THE PARTY OF THE P | 101312 |
| Н | Total Plantation Cost (E) | | | | | | | 155425 |
| - 1 | Total Maintenance Cost for 10 years (G) | | | | | | 100 | 161512 |
| | Total | | | | | | | 316937 |
| J | Constituency Charges @ 5% | | | | | | | 15847 |
| | Total | | | - | | PRESIDENCE OF | | 332783 |
| K | Departmental Charges @ 17.5% | | | 1 | 1 10 | | | 58237 |
| | Grand Total (C to P) | | - | | | | | |
| - | Total Cost of CA for 1 ha | | | | - | | | 391020 |
| | TOTAL COST OF CATOLITIE | | | | | transfer and | | 391020 |

Total Cost of CA for 50 ha is Rs 391020 x 50 ha = Rs 1,95,51,052/-

Divisionar Forest Officer
DE VALUE OF CONTROL OF CONTRO

FILE No. FP/HP/Others/39044/2019
Date of Proposal

Scheme for Compenstoy Afforestation for 2023-24 in lieu of Diversion of 57.10 ha of forest land for Construction of North Campus Central University at Dharamshala in District Kangra, H. P.

Village Naddi, Forest Division Dharamshala, Dharamshala Forest Range, District Kangra, Compartment No. 51 K Naddi C-3B, Area 25 Hac.

| Sr. No. | Particulars of work | Unit | Qty. | Rate per Unit at wage rate of Rs. 150/- | Mandays Involved | Amount at wage rate of Rs. 375/- for Non-Tribal Areas |
|------------|--|-----------------|--|---|---------------------|---|
| A | Survey, Demarcation & Fencing Cost | | | | | |
| 1 | Survey & demarcation of plantation area | ha. | 1 | 101.00 | 0.67 | 251.25 |
| 2 | Preparation/purchase of RCC Fence posts. | No. | 50 | 358.00 | | 17900.00 |
| 3 | Carriage of RCC Fence posts up to 165 cm long over distance 2 Km | Km/ No. | 50 | 33.50 | | 14373.75 |
| 4 | Preparation/digging of holes of 20x30x50 cm size | No. | 50 | 9.06 | | 1132.50 |
| .5. | Fixing of RCC fence posts including strutting. | No. | 50 | 7.16 | | 896.25 |
| 6 | Carriage of Barbed wire over distance 2 Km. uphill / downhill | Km/ Qtl. | 0.75 | 73.65 | 1011000 | 277.50 |
| 7 | Stretching & fixing of barbed wire in 4 strands | - Rmt. | 600 | 4.80 | 8.00 | 3000.00 |
| 8 | Interlacing of Thorny bushes along the fence | Rmt. | 150 | 4.09 | 4.09 | 1533.75 |
| 9 | Cost of Barbed Wire | Qtl. | 0.75 | 6510.00 | | 4882.00 |
| 10 | Nursery Cost of Plants | No. | 1100 | 37.00 | | 40700.00 |
| | Transcry cost of Figure | | | , Demarcatio | | 84947 |
| y Trans | | Total | - A (Suive) | , Demarcano | | 374/647/032 |
| В | Planting Cost | | | | or Say | 84950 |
| 1 | Bush Cutting in Strips (3 m x 3 m) | The s | 1 , | 1102.00 | 7.05 | 2004 20 |
| 2 | Digging of pits 45x45x45 cm | ha. | 1100 | 1192.80 | | 2981.25 |
| 3 | Filling of pits 45x45x45 cm. | No. | 1100 | 9.54 | | 26235.00 |
| 4 | Carriage of plants in P/bags over distance 2 km. uphill. | Km/ No. | 1100 | 1.90 | 19.95 27.87 | 7481.25 10451.25 |
| 5 | | | 1100 | | 4-00 | |
| 5 | Planting of entire plant raised in P.bags. Planting of grass tufts/preparation of strips | No. | 1100 | 2.18 | 15.99 | 5996.25 |
| | including sowing in strips 100x30x5 cm for grass sowing along contour. | Rmt. | 100 | 11.00 | 7.33 | 2748.75 |
| • | g starting s | No. | 0 | LS | Ó | 450.00 |
| | Total Planting Cost | INO | | 1 | | 56344 |
| | Total Hallang Cost | | | | or Say | 56345 |
|). · | Grand Total (A+B) | | | | UI Jay | 141295 |
| | Add 10 % Increase on D | | | | | 14130 |
| | | , | TOUR THE | | | |
| • | Total Plantation Cost 1st Year Maintenance Cost (3 | | 1. | | | 155425 |
| 1 | Re-digging of Pits 45 x 45 x 45 cm | No. | 330 | 4.77 | 10.49 | 3935.25 |
| 2 | Filling of Pits 45 x 45 x 45 cm | No. | 330 | 2.72 | | 2244.00 |
| 3 | Planting of Plants raised in P/Bags | No. | The state of the s | - | - 5500000000 | |
| 4 | Carriage of Plants in P/Bags over a distance of 2 Km uphill/downhill | Km/ No. | 330 | 2.18 1.90 | ALIGUAZOT T | 1798.50 |
| 5 | Repair of Fencing | Rmt. | 60 | | | 3135.00 |
| <u> </u> | repair of reneing | INITIC. | | 1.80 | tenance Cost | 270.00 |
| | | | Total | 15t fear Wen | 11-22 | 11383 |
| | 2nd Von Maintenant Cost / | 30 % Danking II | -N. | | or Say | 11385 |
| 1 | Re-digging of Pits 45 x 45 x 45 cm | | | 4.77 | 7.00 | 2022 50 |
| 2 | Filling of Pits 45 x 45 x 45 cm | No. | 220 | 4.77 | | 2623.50 |
| | Planting of Plants raised in P/Bags | No. | 220 | 2.72 | | 1496.00 |
| 100 | | No. | 220 | 2.18 | | 1199.00 |
| 3 | | Vm- / NI- | 220 | 1 00 | E E-7 | |
| 3 | Carriage of Plants in P/Bags over a distance of 2 Km uphill/ downhill | Km/ No. | 220 | 1.90 | | 2090.00 |
| 3 | | Km/ No. Rmt. | 60 | 1.80 | | 2090.00 270.00 767 9 |

| 1 | Re-digging of Pits 45 x 45 x 45 cm | No. | 110 | 4.77 | 3.50 | 1311.75 |
|---|--|---------|------------|------------|-------------|---------|
| 2 | Filling of Pits 45 x 45 x 45 cm | No. | 110 | 2.72 | 1.99 | 748.00 |
| 3 | Planting of Plants raised in P/Bags | No. | 110 | 2.18 | 1.60 | 599.50 |
| 4 | Carriage of Plants in P/Bags over a distance of 2 Km uphill/downhill | Km/ No. | 110 | 1.90 | 2.79 | 1045.00 |
| 5 | Repair of Fencing | Rmt. | 60 | 1.80 | 0.72 | 270.00 |
| | | | Total/ 3rd | Year Mente | enance Cost | 3974 |
| | | | | | or Sav | 3975 |

| F | Maintenance Cost or Say | | | | | | | | |
|------------|--|-----------------|------------------|-------------------|-----------------|------------|---------------------|------------------------------|--|
| | Year | Amount | No. of Plants | Cost of Plants | Total Amount | Increase % | Increased Amount | Total Maintenance Cost | |
| 1 | Ist year Maintenance | 11385 | 330 | 37 | 23595 | 20% | 4719 | 28314 | |
| 2 | 2 nd year Maintenance | 7680 | 220 | 37 | 15820 | 30% | 4746 | 20566 | |
| 3 | 3 rd year Maintenance | 3975 | 110 | 37 | 8045 | 40% | 3218 | 11263 | |
| 4 | 4 th year Maintenance | 3975 | 110 | 37 | 8045 | 50% | 4023 | 12068 | |
| 5 | 5 th year Maintenance | 3975 | 110 | 37 | 8045 | 60% | 4827 | 12872 | |
| 6 | 6 th year Maintenance | 3975 | 110 | 37 | 8045 | 70% | 5632 | 13677 | |
| 7 | 7 th year Maintenance | 3975 | 110 | 37 | 8045 | 80% | 6436 | 14481 | |
| 8 | 8 th year Maintenance | 3975 | 110 | 37 | 8045 | 90% | 7241 | 15286 | |
| 9 | 9 th year Maintenance | 3975 | 110 | - 37 | 8045 | 100% | 8045 | 16090 | |
| 10 | 10 th year Maintenance | 3975 | 110 | 37 | 8045 | 110% | 8850 | 16895 | |
| 11 | Clearing of Lantana Infested Areas (With 3 Yea | r Maintenance) | | 10 | VIII. | | | 45910 | |
| G | То | tal Maintenance | e Cost 1 to 10 | Years | | | | 207422 | |
| Abstr | act of Cost | | 111. | | | | | V | |
| Н | Total Plantation Cost (E) | | | | | | | 155425 | |
| i | Total Maintenance Cost for 10 years (G) | | 11.15 | • | | . 70 | | 207422 | |
| | Total | | a 10 a | | V-15 | 250 | 157 | 362847 | |
| J | Constituency Charges @ 5% | | S 1 1 | | 100 | | | 18142 | |
| en automiz | Total | | 4 14 1 11 | | | 45.7 | | 380989 | |
| K | Departmental Charges @ 17.5% | | | | 0.00 | 200 | 05.7 | 66673 | |
| | Grand Total (C to P) | | | | | | | 447662 | |
| | Total Cost of CA for 1 ha | | * | | | | | 447662 | |

Total Cost of CA for 25 ha is Rs 447662 x 25 ha = Rs 1,11,91,563/-

Division of Forest Officer
Pharamshala Forest Division
Dharamshala

REHABILITATION OF AREAS INFESTED WITH INVASIVE ALIEN SPECIES

| | NORM FOR CLEARING OF AREAS in Non Tribal Areas for 2023-2 | 1002 | | % | |
|---------|--|-----------------------|--|--------------|-----------------------|
| Sr. No. | Particulars of Work Fencing | Qnty | Unit | Amount @ Rs. | Amount @ Rs. 375/- |
| | YEAR - I | | | | |
| 1 | Survey and Demarcation of Plantation Area I/c marking of Sections, Path and preparation of Map | 0 | | 0 | C |
| 2 | Cutting / removal / disposal of lantana (Cut Root Stock Method) | 67.66 | Mandays | 20298 | 25373 |
| 3 | Broadcast sowing of grass seed including conversion into pellets in plantation area | 3.08 | / per Hac. | 924 | 1155 |
| 4 | Cleaning of lantana (sprouts) and seadlings one time. after one cut | 4 | | 1200 | 1500 |
| 5 | Tending Operations | 1.15 | | 345 | 431 |
| 6 | Cost of Seed | 1 | Kg / Hac. | 1145 | |
| _ | Total | 1 | | 23912 | |
| 7 | Contingency @ 5% of Total Cost | | | 1196 | |
| | Grand Total | | - | 25107 | 31084 |
| | Or Say | | | 25100 | |
| | (1) (2) (3) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4 | - | | | |
| | Norm for 1st MAINTENANCE OF CLEARE | D AREAS | INFESTED (| JPTO 50% | |
| | in Non Tribal Areas fo | | A. Marian Marian Street | | |
| | YEAR - II | | | | 9 |
| 1 | Broadcast sowing of grass seed including conversion into pellets in plantation area | 3.08 | Mandays | 924 | 1155 |
| 2 | Cleaning of lantana (sprouts) and seadlings, 3 times throughout the Year | . 12 | / per Hac. | 3600 | 4500 |
| 3 | Cost of Seed | 1 | Kg / Hac. | 1145 | 1145 |
| 4 | Tending Operations | | Mandays / | 345 | |
| | Total | | | 6013.89 | 7231 |
| | Or Say | | | 6010 | |
| | | | | | |
| , | Norm for 2nd MAINTENANCE OF CLEARE | D AREAS | INFESTED | UPTO 50% | |
| | in Non Tribal Areas fo | | AND RESIDENCE OF THE PARTY OF T | | |
| | YEAR - III | | | | |
| 1 | Cleaning of lantana (sprouts) and seadlings, 3 times throughout the Year | 9 | Mandays | 2700 | 3375 |
| 2 | Tending Operations | 1.15 | / per Hac. | 345 | 431 |
| | Total | - | | 3045 | 3806 |
| | Or Say | 4. | | 3045 | 3800 |
| | | | | | |
| | Norm for 3rd MAINTENANCE OF CLEARE | D AREAS | INFESTED I | JPTO 50% | |
| | in Non Tribal Areas fo | or 2026-2 | 7 | | 4 |
| | YEAR - IV | CONTRACTOR CONTRACTOR | | | |
| 1 | Cleaning of lantana (sprouts) and seadlings, 3 times throughout the Year | 9 | Mandays | 2700 | 3375 |
| 2 | Tending Operations | 1.15 | / per Hac. | 345 | 431 |
| | Total | | | 3045 | . 3806 |
| | | | | 3045 | |
| | Or Say | | | 3045 | 3000 |



FILE No. FP/HP/Others/39044/2019
Date of Proposal

Scheme for Compenstoy Afforestation for 2023-24 in lieu of Diversion of 57.10 ha of forest land for Construction of North Campus Central University at Dharamshala in District Kangra, H. P.

Village Lam, Forest Division Dharamshala, Shahpur Forest Range, District Kangra, Compartment No. UP Lam I, Area 31 Hac.

| Sr. No. | Particulars of work | Unit | Qty. | Rate per Unit at wage rate of Rs 150/- | Mandays Involved | Amount at wage rate of Rs. 375/- for Non-Tribal Areas |
|-------------|--|--|--------------|--|--|---|
| Α | Survey, Demarcation & Fencing Cost | | L | | 31-31-31-31-31-31-31-31-31-31-31-31-31-3 | |
| 1 | Survey & demarcation of plantation area | lha. | T 1 | 101.00 | 0.67 | 251.25 |
| 2 | Preparation/purchase of RCC Fence posts. | No. | 50 | 358.00 | 0.00 | |
| 3 | Carriage of RCC Fence posts up to 165 cm long over distance 2 Km | Km/ No. | 50 | 33.50 | 22.33 | 17900.00 14373.75 |
| 4 | Preparation/digging of holes of 20x30x50 cm size | No. | 50 | 9.06 | 3.02 | |
| .5. | Fixing of RCC fence posts including strutting. | No. | 50 | 7.16 | The state of the s | 1132.50 |
| | | INO. | 50 | 7.16 | 2.39 | 896.25 |
| - 6 | Carriage of Barbed wire over distance 2 Km. uphill / downhill | Km/ Qtl. | 0.75 | 73.65 | 0.74 | 277.50 |
| 7 | Stretching & fixing of barbed wire in 4 strands | Rmt. | 600 | 4.80 | 8.00 | 3000.00 |
| 8 | Interlacing of Thorny bushes along the fence | Rmt. | 150 | 4.09 | 4.09 | 1533.75 |
| 9 | Cost of Barbed Wire | Qtl. | 0.75 | 6510.00 | 0.00 | 4882.00 |
| 10 | Nursery Cost of Plants | No. | 1100 | 37.00 | 0.00 | 40700.00 |
| 12501110010 | | The second secon | (LIN 008098) | y, Demarcatio | | 84947 |
| -2.500 | 1 | | | ,, | or Say | 84950 |
| В | Planting Cost | 7 | | | Of Say | 64930 |
| 1 | Bush Cutting in Strips (3 m x 3 m) | ha. | T 1 | 1192.80 | 7.95 | 2001.25 |
| 2 | Digging of pits 45x45x45 cm | No. | 1100 | 9.54 | 69.96 | 2981.25 |
| 3 | Filling of pits 45x45x45 cm. | No. | 1100 | | | 26235.00 |
| 4 | Carriage of plants in P/bags over distance 2 km. uphill. | Km/ No. | 1100 | 2.72 1.90 | 19.95 27.87 | 7481.25 10451.25 |
| 5 | Planting of entire plant raised in P.bags. | No. | 1100 | 2.10 | 15.00 | F006 25 |
| | Planting of grass tufts/preparation of strips | INO. | 1100 | 2.18 | 15.99 | 5996.25 |
| | including sowing in strips 100x30x5 cm for grass sowing along contour. | Rmt. | 100 | 11.00 | 7.33 | 2748.75 |
| | | No. | 0 | LS | 0 | 450.00 |
| C | Total Planting Cost | | | | | 56344 |
| | | | | | or Say | 56345 |
| D | Grand Total (A+B) | | | | O. Say | 141295 |
| | Add 10 % Increase on D | | | | 100 | 14130 |
| E | Total Plantation Cos | t t | | | - well- keen | 155425 |
| | 1st Year Maintenance Cost (| | (Un) | | | 133423 |
| 1 | Re-digging of Pits 45 x 45 x 45 cm | No. | 330 | 4.77 | 10.49 | 3935.25 |
| 2 | Filling of Pits 45 x 45 x 45 cm | No. | 330 | 2.72 | 5.98 | 2244.00 |
| 3 | Planting of Plants raised in P/Bags | No. | 330 | | | |
| 4 | Carriage of Plants in P/Bags over a distance of 2 Km uphill/ downhill | _ | - | 2.18 | 4.80 | 1798.50 |
| 5 | Repair of Fencing | Km/ No. Rmt. | 330 60 | 1.90 | 8.36 | 3135.00 |
| | 1 | Innr. | | 1.80 1st Year Ment | 0.72 | 270.00 |
| | | | i Utai) | rac i cai Misu | enance Cost | 11383 |

| _ | No. of the contract of the con | ear Maintenanc | e cust (2 | | | T | | |
|-----|--|--|-------------------|-------------------|-----------------|--------------|---------------------|------------------------------|
| 1 | Re-digging of Pits 45 x 45 x 45 cm | | | No. | 220 | 4.77 | 7.00 | 2623.50 |
| 2 | Filling of Pits 45 x 45 x45 cm | | | No. | 220 | 2.72 | | 1496.00 |
| 3 | Planting of Plants raised in P/Bags | C 3 14 1 1 1 1 1 | | No. | 220 | 2.18 | | 1199.00 |
| 4 | Carriage of Plants in P/Bags over a distance of | 2 Km uphill/ do | wnhill | Km/ No. | 220 | 1.90 | | 2090.00 |
| 5 | Repair of Fencing | | | Rmt. | 60 | 1.80 | | 270.00 |
| | 119. | | | | Total/ 2 | nd Year Mer | tenance Cost | |
| | 3rd Year to | 10th Year Maint | enance | Cost (10 % | Beating Un | ١. | or Say | 7680 |
| 1 | Re-digging of Pits 45 x 45 x 45 cm | Toth Tear Ivianit | enance | No. | 110 | 4.77 | 3.50 | 1311.75 |
| 2 | Filling of Pits 45 x 45 x45 cm | | | No. | 110 | 2.72 | | 748.00 |
| 3 | Planting of Plants raised in P/Bags | | | No. | 110 | 2.18 | | 599.50 |
| 4 | Carriage of Plants in P/Bags over a distance of | f 2 Km uphill/ do | wnhill | Km/ No. | 110 | 1.90 | 10 th/C/10 C | 1045.00 |
| 5 | Repair of Fencing | | | Rmt. | 60 | 1.80 | (90.0x50.00 | 270.00 |
| | | 74 | | | Total/ 3 | Brd Year Mer | tenance Cost | |
| | | | | | | | or Say | 3975 |
| F | Maintenance Cost | | | | | | | |
| | Year | Amount | No. of Plan | Cost of Plants | Total Amount | Increase % | Increased Amount | Total Maintenance Cost |
| 1 | Ist year Maintenance | 11385 | 330 | 37 | 23595 | 20% | 4719 | 28314 |
| 2 | 2 nd year Maintenance | 7680 | 220 | 37 | 15820 | 30% | 4746 | 20566 |
| 3 | 3 rd year Maintenance | 3975 | 110 | 37 | 8045 | 40% | 3218 | 11263 |
| 4 | 4 th year Maintenance | 3975 | 110 | 37 | 8045 | 50% | 4023 | 12068 |
| 5 | 5 th year Maintenance | 3975 | 110 | 37 | 8045 | 60% | 4827 | 12872 |
| 6 | 6 th year Maintenance | 3975 | 110 | . 37 | 8045 | 70% | 5632 | 13677 |
| 7 | 7 th year Maintenance | 3975 | 110 | 37 | 8045 | 80% | 6436 | 14481 |
| 8 | 8 th year Maintenance | 3975 | 110 | 37 | 8045 | 90% | 7241 | 15286 |
| 9 | 9 th year Maintenance | 3975 | 110 | 37 | 8045 | 100% | 8045 | 16090 |
| 10 | 10 th year Maintenance | 3975 | 110 | 37 | 8045 | 110% | 8850 | 16895 |
| G | Total | Maintenance C | ost 1 to | 10 Years | | | | 161512 |
| bst | ract of Cost | | | | | 1 - 2001 | | |
| H | Total Plantation Cost (E) | , U | | 81 | | | | 155425 |
| 1 | Total Maintenance Cost for 10 years (G) | 000 | | | The state of | | | 161512 |
| | Total | | | | | | | 316937 |
| j | Constituency Charges @ 5% | | | | | | | 15847 |
| | Total | | | | | | | 332783 |
| K | Departmental Charges @ 17.5% | | | | | | | 58237 |
| | Grand Total (C to P) | | | | | | + | 391020 |
| | | - Contract C | | | | | | |

Total Cost of CA for 31 ha is Rs 391020 x 31 ha = Rs 1,21,21,653/-

Total Cost of CA for 1 ha

Divi Divisional Forest Officer
Dha Division Dha Division Dha Division

391020