Full Title of the Project: Diversion of 0.94 ha forest land for laying of water supply pipe line of

proposed water works Raghunathpura for group of 25 Nos Villages and 3 No.s

Dhani tehsil Bawal alongwith strip forest area under forest division

anddistrict Rewari.

File No.

FP/HR/Water/36955/2018

Date of Proposal:

16-12-2018

CHECK LIST SERIAL NUMBER: -18 "SCHEME FOR COMPENSATORY AFFORESTATION"

Name of the forest/reach to be diverted for laying of of proposed water works Raghunathpura for group of 25 Nos Villages and 3 Nos Dhanis in Rewari.

Forest Area = 0.94 ha.

| Details of | degraded | forest land | / non-forest | land:- |
|------------|----------|-------------|--------------|--------|
| | | | | |

Division: Rewari District Rewari Range: Rewari * Tehsil: Rewari Village Maseet CA Site Name: Maseet Section 4 & 5 of PLPA 1900 (2426 plants) GPS: N28 17'30.3426" E76 25'54.033" N28 28 17'6.6042 E7625'45.8084 Description of Area:i-Whether the site selected for Compensatory Afforestation is a land bank or Not No ii. If the CA site is other than the land bank, reasons be given :- Plantation will be carried out in Maseet Section 4 & 5 of PLPA 1900. iii. In case of non-forest area identified for CA, then what is the distance of CA site from the adjoining forest boundary:- CA will be carried out in Maseet Section 4 & 5 of PLPA 1900. Soil type:- Sandy Loam iv. A. v. Topography:-Hilly/ Undulating/Plain B. Slope:- Steep/Medium/Gentle Whether the area is bearing any root stock of vegetation:-No 2-Planatation Model:-

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

Strip Plantation of Tall Plants.

3 Schedule of Plantation Programme:-

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Detail of year wise break up of requirement of funds is as under:

The Plantation cost is calculated for Plantation as per Tall Plants. at 4m X 2½m spacing and it is approved by the PCCF Haryana Panchkula at the wage rate of Rs. 326.82/- per day as under:-

| Sr.No | Year | Rate Per Plant | |
|-------|----------------------------|--------------------|--|
| 1 | Ist Year Plantation | 359.10/- Per Plant | |
| 2 | IInd Year Plantation | 115.35/- Per Plant | |
| 3 | IIIrdYear Plantation | 41.89/- Per Plant | |
| 4 | Ivth Year Plantation | 15.58/- Per Plant | |
| 5 | Vth Year Plantation | 15.58/- Per Plant | |
| 6 | Vith Year Plantation | 15.58/- Per Plant | |
| 7 | VIIth Year Plantation | 15.58/- Per Plant | |
| 8 | VIIIth Year Plantation | 15.58/- Per Plant | |
| 9 | Ixth Year Plantation 15.58 | | |
| 10 | Xth Year Plantation | 15.58/- Per Plant | |
| 10 | Total | Rs. 625.40/- | |

0.94 Area to be diverted Area to be planted (two time diverted area= 1.88 No. of tree to be felled= 273 No. of plants to be damaged= 2426 No. of plants to be planted

The cost norms @ wage rate of Rs. 326.82/- will be as under:-

| Sr.No | DESCRIPTION Net present Value of forest land to be diverted | | Rate Per Plant 8.87 lac/ha. | Amount 833780 |
|-------|--|------------------|--------------------------------|----------------------|
| A. | | | | |
| В | Compernsatory afforestation charges | No. of Plants | | |
| | 1 Ist Year cost of afforestation | 1880 | 359.10/- Per Plant | 675108 |
| | 2 IInd year maintenance | 1880 | 115.35/- Per Plant | 216858 |
| | 3 IIIrd year maintenance | 1880 | 41.89/- Per Plant | 78753.2 |
| | 4 IVth year maintenance | 1880 | 15.58/- Per Plant | 29290.4 |
| | 5 Vth year maintenance | 1880 | 15.58/- Per Plant | 29290.4 |
| | 6 VIth Year maintenance | 1880 | 15.58/- Per Plant | 29290.4 |

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anddistrict Rewari. FP/HR/Water/36955/2018 16-12-2018

Date of Proposal:

| | 7 VIIth Year maintenance | 1880 | 15.58/- Per Plant | 29290.4 | |
|----|---|---------|----------------------|-----------|--|
| | 8 VIIIth Year Plantation | 1880 | 15.58/- Per Plant | 29290.4 | |
| | 9 IXth Year Plantation | 1880 | 15.58/- Per Plant | 29290.4 | |
| | 10 Xth Year Plantation | 1880 | 15.58/- Per Plant | 29290.4 | |
| | 6 Daybad wine fancing shangs | 7.52 | Rs. 76700/- per RKM | 576784 | |
| | 6 Barbed wire fencing charge | RKM | | | |
| | Total CA charges (1 to 6) | | | 1752536 | |
| | Supervisory/ overhead/misc. charges 10 % on the total CA charges. | | 175254 | | |
| | Total (B) to be deposit in CAMPA fund | 1927790 | | | |
| С | Additional Compernsatory afforestation charges | | | | |
| | 1 Ist Year cost of afforestation | 546 | 359.10/- Per Plant | 196068.6 | |
| | 2 IInd year maintenance | 546 | 115.35/- Per Plant | 62981.1 | |
| | 3 IIIrd year maintenance | 546 | 41.89/- Per Plant | 22871.94 | |
| | 4 IVth year maintenance | 546 | 15.58/- Per Plant | 8506.68 | |
| | 5 Vth year maintenance | 546 | 15.58/- Per Plant | 8506.68 | |
| | 6 VIth Year maintenance | 546 | 15.58/- Per Plant | 8506.68 | |
| | 7 VIIth Year maintenance | 546 | 15.58/- Per Plant | 8506.68 | |
| | 8 VIIIth Year Plantation | 546 | 15.58/- Per Plant | 8506.68 | |
| | 9 IXth Year Plantation | 546 | 15.58/- Per Plant | 8506.68 | |
| | 10 Xth Year Plantation | 546 | 15.58/- Per Plant | 8506.68 | |
| | C Dark ad units for sing shares | 2.18 | D- 76700 / DVM | 167512.8 | |
| | 6 Barbed wire fencing charge | RKM | Rs. 76700/- per RKM | | |
| | Total (C) Addl. CA charges (1 to 6) | | | 508981.2 | |
| D | 1 Felling charges volume 2.52 m3 | | Rs. 1200/- per cum | 5400 | |
| E. | plantation damage charges | | Rs. 600/- per plants | 0 | |
| | Total (D+E) | | | 5400 | |
| | G. Total (A+B+C+D+E) | | | 3275951.2 | |
| F | Exigency Charges 30% of the Total CA | | 30% on the total CA | 578337 | |
| | G. Total (A+B+C+D+E+F) | | | 3854288.2 | |



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Technical details: -

Technical details of Compensatory Afforestation Scheme are as follows: -

- (a). General Details: -Compensatory afforestation will be carried out along with Maseet Section 4 & 5 of PLPA 1900 in Rewari District.
- (b) Spacement: -4m x 4m
- (c) Species:-Neem, bakain, Pahari Papri, Cassia fistula, Cordia myxa, zyzyphs, mauritiana, Albizia lebbeck, Albizia procera, Bauhina recemosa, Ficus glomerata, Ficus religiosa, Kigelia pinnata, Moringa oleifera, Syzgium cumini, Tamarindus indica, Tamarix articulate, Terminalia arjuna, Terminalia belarica, Jungle Jalebi, Morus Alba etc.
- (d) Plantation Method:, Tall Plantation.
- Soil and Moisture Conservation works:- Watering Hoeing and weeding, mulching (e)
- Protection (Fencing, Watch man, People's Participation etc.):-(f) Fencing.
- Proposed Monitorng Mechanism:- Inspection by Officers. (g)
- (h) Any other information:-None