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**Diversion of 0.35964 Ha. of Forest Land for Creation of Two Phase 132 KV S/C Line on D/C Tower with 0.2 Sq." ACSR Conductor from 132 KV Sub Station Chander Khurd to 132 KV TSS Jakhal Line in Fatehabad Distt.**

## CHECK LIST SERIAL NUMBER:- 18

Scheme for C.A.

Detailed scheme for Compensatory Afforestation to be carried out in lieu of

**0.35964**

ha., of forest area to be diverted for

**Diversion of 0.35964 Ha. of Forest Land for Creation of Two Phase 132 KV S/C Line on D/C Tower with 0.2 Sq." ACSR Conductor from 132 KV Sub Station Chander Khurd to 132 KV TSS Jakhal Line in Fatehabad Distt.**

Details of de-graded forest land/non forest land where CA is to be carried out :			Shakarpura Minor RD 0 to 15, L/R Side		
Division :	Fatehabad	District	Fatehabad	Village.	Bhurthali & Rattatheh

2).	<b>Description of Area :</b>				
i	Whether the site selected for Compensatory Afforestation is a land bank or not				Yes
ii	If the C.A site is other than the land bank, reasons be given				N.A
iii	In case of non-forest area identified for CA, then what is the distance of CA site from adjoining forest boundary				N.A
iv	Soil Type				Sandy Loam
v	Topography :		a. Hilly/Undulating/Plain.		
			b. Slope:-Steep/Medium/Gentle.		
vi	<b>Whether the area is bearing any root stock of vegetation</b>				No.

### 3 **Plantation of Model:-**

Copy of the approved Compensatory Afforestation Scheme/Model showing component wise physical and financial break up is as under :-

Detail of year wise breakup of requirement of funds is as under :-

The plantation cost is calculated for tall plants norms at 4mtr x 2.5 mtr spacing and 250 plants per RKM and it is approved by the PCCF, Haryana's at the wage rate of Rs. 326.82/- per day as under :-

<b>Area to be Diverted</b>	<b>0.35964</b>	
<b>Area to be planted</b>	Ten Times of the Trees to be felled	<b>1.9500</b>
<b>Nos of trees to be felled</b>	<b>195</b>	<b>Nos.</b>
<b>Nos of Plants to be damaged</b>	<b>0</b>	<b>Nos. Plants</b>
<b>Nos of Plants to be planted @ 250 plants per RKM</b>	<b>1950</b>	<b>Plants</b>

### 1 **Schedule of Plantation Programme :-**

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



## Bill

Sr. No.	Description	Rate		Total Amount
		Nos of Plants	Rate Per plant	
A	Compensatory Afforestation Charges			
	Raising of Plants in nry	1950	50	97500
i	1st Year Cost of Afforestation	1950	359.10	700245
ii	2nd Year Maintenance	1950	115.35	224933
iii	3rd Year Maintenance	1950	41.89	81686
iv	4th Year Maintenance	1950	15.58	30381
v	5th Year Maintenance	1950	15.58	30381
vi	6th Year Maintenance	1950	15.58	30381
vii	7th Year Maintenance	1950	15.58	30381
viii	8th Year Maintenance	1950	15.58	30381
ix	9th Year Maintenance	1950	15.58	30381
x	10th Year Maintenance	1950	15.58	30381
xi	Barbed wire fencing charge (RKM)	7.80	Rs. 76700/- per RKM	598260
	<b>Total Charges</b>			<b>1915290</b>
	Supervisory / Over Head / Miscellaneous Charges		10% on the C.A. Charges	191529
	<b>Total (A) C.A. Charges</b>			<b>2106819</b>
B	<b>Additional Compensatory Afforestation Charges</b>			
i	1st Year Cost of Afforestation	0	359.10	0
ii	2nd Year Maintenance	0	115.35	0
iii	3rd Year Maintenance	0	41.89	0
iv	4th Year Maintenance	0	15.58	0
v	5th Year Maintenance	0	15.58	0
vi	6th Year Maintenance	0	15.58	0
vii	7th Year Maintenance	0	15.58	0
viii	8th Year Maintenance	0	15.58	0
ix	9th Year Maintenance	0	15.58	0
x	10th Year Maintenance	0	15.58	0
xi	Barbed wire fencing charge (RKM)	0.00	Rs. 76700/- per KM.	0
	<b>Total (B) Additional C.A. Charges</b>			<b>0</b>
C	Penal C.A.			
D	Catchment Area Treatment			
	Soil and Moisture Conservation Charges		30% of the Total C.A.	574587
	<b>Total (D)</b>			<b>574587</b>
E	Safety Zone (if required)			0
F	<b>Additional Charges (if required)</b>	<b>Qty.</b>	<b>Rate</b>	<b>0</b>
	<b>Total (E+F)</b>			<b>0</b>
G	Net Present Value of Forest Land to be diverted		Rs. 887000/- per ha.	319001
H	Felling Charges (Vol. M3)	216.48	Rs. 1200 /- per m <sup>3</sup>	259776
	<b>Grand Total (A+B+C+D+E+F+G+H) to be deposited in CAMPA Fund</b>			<b>3260183</b>



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**Technical Details :-**

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Technical Details of Compensatory Afforestation Scheme are as follows :-

a	General Details	Plantation will be done with 3 standard barbed wire in RF/PF.
b	Spacement.	4 x 2 ½ mtr.
c	Species.	Shisham, Kikar, neem and etc.
d	Plantation Method.	Road Strip Plantation (TP) avenue Plantation.
e	Soil and Moisture Conservation Works.	Hoeing and Weeding
f	Protection (Fencing, watchman, Peoples Participation etc).	Tree guards and peoples, participation.
g	Proposed Monitoring Mechanisim.	Inspection by officers.
h	Any Other Information	No any.

  
 Divisional Forest Officer,  
 Fatehabad