

Full Title of the Project: Diversion of 0.0035 Ha. of Forest Land for access to approach road to the proposed site of M/s Modern Steel Industries situated at Plot No. – 63, Industrial Estate, Alipur, Teh. - Barwala, Distt – Panchkula (HR)

File No.	(FP/HR/Approach/150701/2021).	
Date of Proposal		

CHECK LIST SERIAL NUMBER:- 18


Name of the Forest/Reach to be diverted	Diversion of 0.0035 Ha. of Forest Land for access to approach road to the proposed site of M/s Modern Steel Industries situated at Plot No. – 63, Industrial Estate, Alipur, Teh. - Barwala, Distt – Panchkula (HR)	Panchkula Distt.	
Forest Area (in Ha)	0.0035 Ha		
Details of de-graded forest land/non forest land where CA is to be carried out :	Morni-Pinjore	C-27 of Masampur Beat, Meerpur Block, Raipur Rani range	Village: C-27 of Masampur Beat, Meerpur Block, Raipur Rani range

GPS Reading of proposed CA site	C-27 of Masampur Beat, Meerpur Block, Raipur Rani range		
	Description of Area :		
2	Whether the site selected for Compensatory Afforestation is a land bank or not		
i	If the C.A site is other than the land bank, reasons be given		N.A
ii	In case of non-forest area identified for CA, then what is the distance of CA site from adjoining forest boundary		Within Forest
iii	Soil Type		Arid brown soil with texture varies from sandy loam to clay.
iv	Topography :	a. Hilly/Undulating/Plain.	Undulating.
v		b. Slope:-	Gentle
	Whether the area is bearing any root stock of vegetation		No
vi	Plantation of Model:-		
3	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 :-		
4			

The plantation cost is calculated for Small plants norms and it is approved by the PCCF,(HoFF), Haryana, Panchkula vide letter no. Hry. FCA/ 396 dated 15-05-2023 at the wage rate of Rs.405.11/- per day as under :--

	Year		Cost norm per plants		
Sr.No.	1st Year Cost of Afforestation		169.74		
i	2nd Year Maintenance		36.56		
ii	3rd Year Maintenance		20.93		
iii	4th Year Maintenance		9.95		
iv	5th Year Maintenance		9.95		
v	6th Year Maintenance		9.95		
vi	7th Year Maintenance		9.95		
vii	8th Year Maintenance		9.95		
viii	9th Year Maintenance		9.95		
IX	10th Year Maintenance		9.95		
	Total		296.9		
Area to be Diverted					0.0035 Ha
Area to be planted		(Two times the diverted area)			0.0070 Ha
Nos of trees to be felled					1 No.
Nos of Plants to be planted @ 1000/- plants per Ha					100
Nos of Plants to be damaged				0	
Two times of Plant to be damaged				0	
Schedule of Plantation Programme :-					
5	Detail of year wise break-up of requirements of funds is as under :-				
Sr. No.	Description		Rate		Amount
A	Compensatory Afforestation Charges		Nos of Plants	Rate Per plant	
i	1st Year Cost of Afforestation		100	169.74	16974
ii	2nd Year Maintenance		100	36.56	3656
iii	3rd Year Maintenance		100	20.93	2093
iv	4th Year Maintenance		100	9.95	995
v	5th Year Maintenance		100	9.95	995
vi	6th Year Maintenance		100	9.95	995
vii	7th Year Maintenance		100	9.95	995
viii	8th Year Maintenance		100	9.95	995
ix	9th Year Maintenance		100	9.95	995
x	10th Year Maintenance		100	9.95	995
					0
				Total Charges	29688
Fencing/Supervisory / Over Head / Miscellaneous Charges			20% of CA		5938
	ToTal (A)	CA Charges			35626

	Addl Compensatory Afforestation Charge	Nos of Plants	Rate Per plant	
B				
i	1st Year Cost of Afforestation	0	169.74	0
ii	2nd Year Maintenance	0	36.56	0
iii	3rd Year Maintenance	0	20.93	0
iv	4th Year Maintenance	0	9.95	0
v	5th Year Maintenance	0	9.95	0
vi	6th Year Maintenance	0	9.95	0
vii	7th Year Maintenance	0	9.95	0
viii	8th Year Maintenance	0	9.95	0
ix	9th Year Maintenance	0	9.95	0
x	10th Year Maintenance	0	9.95	0
xi	Barbed wire fencing charge (RKM)	0.00	Rs.200000/- per KM.	0
	ToTal (B) Addl. C.A.Charges			0
C	Penal C.A.			0
D				
E	Safety Zone if required			0
F	Add.charges if required			0
G		0	0	0
H				
	Grand Total			35626
Or Say Technical Details :-				
6	Technical Details of Compensatory Afforestation Scheme are as follows :-			
	General Details		Plantation will be done with 3 standard barbed wire in RF/PF.	
a	Spacement.		3 x 3 mtr.	
b	Species.		Native species	
c	Plantation		Tall Plantation	
d	Soil and Moisture Conservation Works.		As per requirement of CA site.	
e	Protection (Fencing, watchman, Peoples Participation etc).		Fencing	
f	Proposed Monitoring Mechanisim.		M&E	
g	Any Other Information		No any.	


 Divisional Forest Officer(T),
 Morni-Pinjore Forest Division,
 Pinjore

**PRINCIPAL CHIEF CONSERVATOR OF FORESTS, HARYANA,
FOREST DEPARTMENT.**

C-18, Van Bhawan, Sector -6, Panchkula Tel/Fax +91 172 2663861, E-mail: effepanchkula@gmail.com

No.: FCA/396

Dated: 15/05/2023

To

**All Divisional Forest Officers (Territorial)
Haryana.**

**Subject:- Cost Norms for Compensatory Afforestation under Forest
Conservation Act 1980 and CAMPA.**

1. With a view to standardize the rates of Compensatory Afforestation (CA) required to be charged from the user agencies for diversion of forest land for non-forestry purpose under section-2 of the Forest Conservation Act, 1980, it has been decided as under:-

i) In hill regions (Annexure -I)

Abstract of Cost Norms @1000 plants per Ha. (small polypot plants)

ABSTRACT OF COST NORMS		
YEAR OF PLANTATION	Cost (in Rs.)	Cost per plant
FIRST YEAR PLANTATION	169740.54	169.74
SECOND YEAR PLANTATION	36563.48	36.56
THIRD YEAR PLANTATION	20931.96	20.93
FOURTH YEAR PLANTATION	9953.71	9.95
FIVE YEAR PLANTATION	9953.71	9.95
SIX YEAR PLANTATION	9953.71	9.95
SEVEN YEAR PLANTATION	9953.71	9.95
EIGHT YEAR PLANTATION	9953.71	9.95
NINE YEAR PLANTATION	9953.71	9.95
TEN YEAR PLANTATION	9953.71	9.95
TOTAL	296911.93	296.91
Fencing/Miscellaneous/Overhead Charges (20% of CA Amount)	59382.39	59.38
G. TOTAL	356294.32	356.29

ii) In Plain regions (Annexure -II)

Abstract of Cost Norms @1000 plants per Ha. (Tall plants)

ABSTRACT OF COST NORMS		
YEAR OF PLANTATION	Cost (in Rs.)	Cost per plant
FIRST YEAR PLANTATION	192869.40	192.87
SECOND YEAR PLANTATION	77480.10	77.48
THIRD YEAR PLANTATION	36597.63	36.60
FOURTH YEAR PLANTATION	12831.83	12.83
FIVE YEAR PLANTATION	12831.83	12.83
SIX YEAR PLANTATION	12831.83	12.83
SEVEN YEAR PLANTATION	12831.83	12.83
EIGHT YEAR PLANTATION	12831.83	12.83

NINE YEAR PLANTATION	12831.83	12.83
TEN YEAR PLANTATION	12831.83	12.83
TOTAL	396769.97	396.77
Fencing/Miscellaneous/Overhead Charges (20% of CA Amount)	79353.99	79.35
G. TOTAL	476123.96	476.12

Note:- Plantation will be done with 400 Tall Plants and 600 Large shrubs and/or small trees which are shade philic.

iii) In Single Ridges (Annexure -III)

ABSTRACT OF COST NORMS		
YEAR OF PLANTATION	Cost (in Rs.)	Cost per plant
FIRST YEAR PLANTATION	312262.50	312.26
SECOND YEAR MAINTENANCE	74459.64	74.46
THIRD YEAR MAINTENANCE	61648.14	61.65
FIRST YEAR PLANTATION	30873.28	30.87
SECOND YEAR MAINTENANCE	30873.28	30.87
THIRD YEAR MAINTENANCE	30873.28	30.87
FIRST YEAR PLANTATION	30873.28	30.87
SECOND YEAR MAINTENANCE	30873.28	30.87
THIRD YEAR MAINTENANCE	30873.28	30.87
THIRD YEAR MAINTENANCE	30873.28	30.87
TOTAL	664483.21	664.48
Fencing/Miscellaneous/Overhead Charges (20% of CA Amount)	132896.64	132.90
G. TOTAL	797379.86	797.38

Note:- Ridge will be made only to extent of water logged area. In area free from water logging, the norm will be same as for plain area.

iv) Tall Plantation on Mounds (Annexure -IV)

ABSTRACT OF COST NORMS		
YEAR OF PLANTATION	Cost (in Rs.)	Cost per plant
FIRST YEAR PLANTATION	559866.92	559.87
SECOND YEAR MAINTENANCE	146348.50	146.35
THIRD YEAR MAINTENANCE	117776.02	117.78
FIRST YEAR PLANTATION	35901.88	35.90
SECOND YEAR MAINTENANCE	35901.88	35.90
THIRD YEAR MAINTENANCE	35901.88	35.90
FIRST YEAR PLANTATION	35901.88	35.90
SECOND YEAR MAINTENANCE	35901.88	35.90
THIRD YEAR MAINTENANCE	35901.88	35.90
THIRD YEAR MAINTENANCE	35901.88	35.90
TOTAL	1075304.58	1075.30
Fencing/Miscellaneous/Overhead Charges (20% of CA Amount)	215060.92	215.06
G. TOTAL	1290365.49	1290.37

Note:- Ridge will be made only to extent of water logged area. In area free from water logging, the norm will be same as for plain area.

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- v) These norms have been arrived at the wage rate of Rs. 405.11 /- and the wage rate being dynamic, pro-data revisions will be made by the Divisional Forest Officers consistent with the prevalent wage rate.
- vi) This is a general specification for ensuring transparency and excluding discretion. In case, at the time of plantation, it is felt that additional inputs are needed for success of plantations, additional demand for funds for that area can be placed with due justification and the same can be met from the NPV funds. However, the charges of CA from the User Agency should be made only to the extent of above specification. The rates of additional CA or penal CA, if required to be charged, should also follow these norms.
2. The rates of NPV will be determined by MoEF&CC from time to time.

Encl./As above

Principal Chief Conservator of Forests (HoFF)
Haryana, Panchkula.

Endst. No.:

Dated:

A copy is forwarded to the following for information and necessary action:-

1. Dy Director General of Forests (Central), IRO, MoEF&CC, Chandigarh.
2. Addl. Chief Secretary to Govt. of Haryana, Environment, Forests & Wildlife Department, Chandigarh.
3. Addl. Principal Chief Conservator of Forests-Cum- Nodal Officer (FC), Haryana, Panchkula.
4. All Chief Conservator of Forests (T), Haryana.

Encl./As above

Principal Chief Conservator of Forests (HoFF)
Haryana, Panchkula.

Annexure -I

**Norms of Small Ploypot plants under Compensatory Afforestation demanded from User Agency in FCA
diversion proposals at a wage rate of Rs. 405.11/- per day (In Hilly areas)**

No . of plants per Ha. = 1000

Sr no.	Item of Work	Unit	Qty.	405.11/- Rate/unit(Rs)	Amount (Rs.)
1st Year Plantation					
1	Jungle Clearance	Ha.	0.5	6076.65	3038.33
2	Dag bailing and alignment	RKM	3.3	283.58	935.81
3	Earthwork digging of pits 1000x0.45mx0.45mx0.45m	M3	91	141.77	12901.07
4	Raising of plants in Nry. (15 cm x22cm) 1000+20% extra	No.	1200	13.38	16056.00
5	Loading and unloading of plants in Tractor/Cart.	No.	1100	0.45	495.00
6	Carriage of plants	No.	1100	2.53	2783.00
7	Planting of plants including 10% replacement	No.	1100	6.09	6699.00
8	Application of fertilizer(One time DAP+ One time Urea)	No.	2000	0.8	1600.00
9	Irrigation Five times	No.	5000	6.09	30450.00
10	First Weeding and Hoeing	No.	1000	6.09	6090.00
11	Subsequent weeding and hoeing two times	No.	2000	4.05	8100.00
12	Miscellaneous Expenditure(Purchase of Fertilizers etc .)	LS			1000
13	Cost of Wages of protection watcher (one protection watcher for six months for plantation area of 10 ha.)				7292
14	In-Situ water conservation measures(check dam (gully plugging, peripheral trenches	LS			50000
	Total				147440.21
	Added EPF@13%				
	Added ESI @3.25%				
	of wages component 50% of the total				11979.52
	Added Contractor Profit@7 % total				10320.81
	Net Total				169740.54
2nd Year Plantation					
1	Cleaning of weed/bushes between plantatio	Ha.	0.5	1908.14	954.07
2	Raising of plants in Nursery	No.	240	13.38	3211.20
3	Re-opening of pits 200x.45 cmx.45cmx.45cm	M3	18	81.03	1458.54
4	Loading and unloading of plants	No.	200	0.45	90.00
5	Carriage of plants	No.	200	2.53	506.00
6	planting of plants	No.	200	6.09	1218.00
7	Irrigation Two times	No.	2000	6.09	12180.00
8	Weeding and Hoeing once	No.	1000	4.05	4050.00
9	Miscellaneous Expenditure(Purchase of Fertilizers etc .)	LS			800
10	Cost of Wages of protection watcher (one protection watcher for six months for plantation area of 10 ha.)	LS			7292
	Total				31759.81
	Added EPF@13%				
	Added ESI @3.25%				
	of wages component 50% of the total				2580.48
	Added Contractor Profit@7 % total				2223.19
	Net Total				36563.48
3rd Year Plantation					

	Cleaning of weed/bushes between	Ha.	0.5	1908.14	954.07
1	plantation	No.	120	13.38	1605.60
2	Raising of plants in Nursery				
	Re-opening of pits 100x.45	M3	9	81.03	729.27
3	cmx.45cmx.45cm	No.	100	0.45	45.00
4	Loading and unloading of plants	No.	100	2.53	253.00
5	Carriage of plants	No.	100	6.09	609.00
6	planting of plants	No.	1000	6.09	6090.00
7	Irrigation Once	No.	1000	4.05	4050.00
8	Weeding and Hoeing Once				200
9	Miscellaneous Expenditure				
	Cost of Wages of protection watcher (one				
	protection watcher for three months for	LS			3645
10	plantation area of 10 ha.)				18181.94
	Total				
	Added EPF@13%				
	Added ESI @3.25%				1477.28
	of wages component 50% of the total				1272.74
	Added Contractor Profit@7 % total				20931.96
	Net Total				
4th Year Plantation					
	Cost of Wages of protection watcher (one				
	protection watcher for three months for	LS			3646
1	plantation area of 10 ha.)				5000
2	Cleaning , pruning and Spacing	LS			8646
	Total				
	Added EPF@13%				
	Added ESI @3.25%				702.49
	of wages component 50% of the total				605.22
	Added Contractor Profit@7 % total				9953.71
	Net Total				
5th Year Plantation					
	Cost of Wages of protection watcher (one				
	protection watcher for three months for	LS			3646
1	plantation area of 10 ha.)				5000
2	Cleaning , pruning and Spacing	LS		0	8646
	Total				
	Added EPF@13%				
	Added ESI @3.25%				702.49
	of wages component 50% of the total				605.22
	Added Contractor Profit@7 % total				9953.71
	Net Total				
6th Year Plantation					
	Cost of Wages of protection watcher (one				
	protection watcher for three months for	LS			3646
1	plantation area of 10 ha.)				5000
2	Cleaning , pruning and Spacing	LS		0	8646
	Total				
	Added EPF@13%				
	Added ESI @3.25%				702.49
	of wages component 50% of the total				605.22
	Added Contractor Profit@7 % total				9953.71
	Net Total				
7th Year Plantation					
	Cost of Wages of protection watcher (one				
	protection watcher for three months for	LS			3646
1	plantation area of 10 ha.)				5000
2	Cleaning , pruning and Spacing	LS			8646
	Total				
	Added EPF@13%				
	Added ESI @3.25%				

of wages component 50% of the total				702.49
Added Contractor Profit@7 % total				605.22
Net Total				9953.71

8th Year Plantation

Cost of Wages of protection watcher (one protection watcher for three months for 1 plantation area of 10 ha.)	LS			3646
2 Cleaning , pruning and Spacing	LS			5000
Total				8646
Added EPF@13%				
Added ESI @3.25%				
of wages component 50% of the total				702.49
Added Contractor Profit@7 % total				605.22
Net Total				9953.71

9th Year Plantation

Cost of Wages of protection watcher (one protection watcher for three months for 1 plantation area of 10 ha.)	LS			3646
2 Cleaning , pruning and Spacing	LS			5000
Total				8646
Added EPF@13%				
Added ESI @3.25%				
of wages component 50% of the total				702.49
Added Contractor Profit@7 % total				605.22
Net Total				9953.71

10th Year Plantation

Cost of Wages of protection watcher (one protection watcher for three months for 1 plantation area of 10 ha.)	LS			3646
2 Cleaning , pruning and Spacing	LS			5000
Total				8646
Added EPF@13%				
Added ESI @3.25%				
of wages component 50% of the total				702.49
Added Contractor Profit@7 % total				605.22
Net Total				9953.71

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NINE YEAR PLANTATION	9953.71	9.95
TEN YEAR PLANTATION	9953.71	9.95
TOTAL	296911.93	296.91

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