

Annexure- 19

Scheme of Compensary Afforestation

Detailed scheme of Compensatory Afforestation 2.00 ha to be carried out in lieu of 0.8357 ha. of Protected forest land to be diverted in Surat district.

(1) **Details of degraded forest land.**

District Surat, Village.- Khodamba Taluka : Mandvi ,
Range: Mandvi(S), Name of Forest Division. – Surat.

Coup No- 6 pt. FS No- 70. Compartment- 647.

Area to be afforested. **2.00 Ha.**

(2) **Description of Area.**

Soil type :- Black & Starey ,

Topography :- Plain

Slope :- Medium & Gentle

Whether the area is bearing any root stock of Vegetation Yes/No

(3) **Name of Plantation Programme : - Comp. Aff. Under 833**
Plant/Ha .(4) **Schedule of Plantation Programme:-**

The Compensatory Afforestation on degraded forest land would be started by Dy.Conservator of Forest Surat Division as early as possible after the proposal is formally approved.

The **Manager Operation, Adani Wilmar Limited. Ahamdabad** has given an undertaking to pay the cost of Compensatory Afforestation as per the prevailing wages (including the price escalation and supervision charges).

(5) **Technical Details :-**

Technical details of Compensatory Afforestation are as Follows :

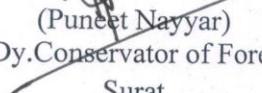
- (a) General Details:- The C.A will be taken under GFDP -II
The **Rates are 304.20** per prevailing daily Wages
833 plants + (25 Deshi Mango) will be planted
/Hect.
- (b) Spacement :- 4m x 3m
- (c) Species :-
- i) Terminalia chebula.
 - ii) Acacia catechu
 - iii) Terminalia bellerica
 - iv) Sterculia urens
 - v) Magnifera indica
 - vi) Sapindus emarginatus
 - vii) Perocarpus marsopium
 - viii) Bamboo
 - ix) Bael
- (d) Nursery Technique :-Nursery will be raised in 15 X 25 Cm. poly pots 2 year old teak atumps will be used in plantation. seeds will be seven in polypots in oct. month and 9 months old seedling of more then 45 Cm height will be raised for afforestation.
- (e) Site Preparation :- pits of 45 Cm 3 will be dug up barborewire Fencing will be dug up supported with live hedge fence. S.M.C works Like gully Plugging ,Nala bunding & van talavadi / check dams will be constructed in advance.
- (f) Plantation Method (Size of Pit, Ploughing etc.) 45 Cm 3 Pits
858 plants/ hact.

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- (g) S.M.C Works :- Gully plugging ,Nala Banding, check dam, vantalavdi.
- (h) Protection :- Barded wire fencing 400 Rmt/ hact. will be done.
- (i) Silvicultural Operations :- cutbark , singling , working of soil/ in natural Stock will be done.
- (j) Maintenance :- Protection will be done by a chowkidar.
- (k) Subsequent silvicultural Operations proposed such as cleaning , cutbacks, thinnings etc. (as per species specific requirement)
- (l) Arrangement for peoples participation (if any) for long term sustenance of the plantations. :- all grass and M.F.P. will be distributed to The villages of hear by areas.
- (m) Proposed monitoring mechanism:- 100 % Physical monitoring will be done by field staff duely checked by A.C.F.'s.

Date: 14 /08/2018

Place: SURAT


(Puneet Nayyar)
Dy.Conservator of Forests
Surat.

Model No - 2

Annexure-3 (1)

Compensatory Afforestation Scheme for double degradation areas & NPV Plantations

Daily wages Rs.304.20

Spacemnts = 4 m x 3 m				
833+25=858 seedling / Ha				
1st year replacement 10 % = 86 seedling /ha				
2nd year replacement 20 % = 86+86 seedling /ha				
3rd year replacement 10 % = 86 seedling /ha				
Total Seedlings = 1202 seedling /ha				
Polypot size : 20 cm x 30 cm x 250 g for 25 Deshi Mango seedlings and for other seedlings 15 cm X 25 cm X 200				
Item of work	Qty.	Labour	Material	Total
1	2	3	4	5
0 year				
Nursery				
(a) Cost of soil, ,manure, seeds, water, fertillizer, insecticides, implements, rent of lands. Shade, etc. (including 10 % for casuality replacement)	944	0	1358	1358
(b) labour : Preparation of beds, filling and arranging of bags,showing of seeds, watering shifting, weeding etc.	944	3291	197	3488
(c) Seedling cost for casuality replacement in one year old (20%)	172	1004	320	1324
(d) Seedling cost for casuality replacement in two year old (10%)	86	523	160	683
Total		4818	2035	6853
2. Area Development (Land Preparation)				
(a) Survey, cutback and promotion of root suckers		3305	44	3349
(b) Aligment and digging of pits 0.45 X 0.45 X 0.45	833 @ 6.00	7157	0	7157
(c) Aligment and digging of pits 1 m X 1 m X 1 m	25 @ 63.00	2665	0	2665
Total		13127	44	13171
(a) Natural fertilizer (Neem cake/ Castor cake)	858 @ 5.00	0	6332	6332
Total		0	6332	6332
3. SMC Works				
(a) Check wall/ retaining wall /checkdem (all pucca only)	L.S.	13065	26750	39815
(b) Contour trench 2 M x 45 Cm x 30 Cm as per Rs.17.00/rmt	600 rmt.	17459	0	17459
Total		30524	26750	57274
4. Protection				
(a) Barbed wire fencing	L.S.	3192	34966	38158
(b) Seed sowing and planting of cuttings of Ipomea/ Glaricidia		677	351	1028
Total		3869	35317	39186
Sub Total of 0 year		52338	70478	122816
1st Year				
(a) Maintenance of nursery (April to June)	715	1737	182	1919
(b) Transport of seedling for plantation	650	1049	223	1272
(c) Planting with khamna of Min 1 m dia	650	4786	0	4786
(d)Transport of seediling for casuality replacement	65	113	25	138
(e) 3 weeding cum soil working	650	12561	0	12561
(f) Support watering 5 times @ 3.25		7456	12465	19921
(g) Protection / tending operation		4444	0	4444
(h) Tending to natural vegetation		1112	0	1112
(i) Contingency		0	1146	1146
Total for 1st year		33258	14041	47299

Item of work	Qty.	Labour	Material	Total
2nd Year				69 D
(a) 2 weeding & soil working		6560	0	6560
(b) 20 % Casually replacement, transport and planting	65+65	114	561	675
(c) Natural fertilizer (neem cake / caster cake) etc.	Rs.5/ plant	0	6317	6317
(d) Support watering 3 times @ 3.25		4863	7297	12160
(e) Protection / tending operation		4524	0	4524
Total for 2nd year		16061	14175	30236
3rd Year				
(a) 2 weeding & soil working		7514	0	7514
(b) 10 % Casually replacement, transport and planting	65	65	320	385
(c) Natural fertilizer, neem cake etc.	Rs.5/ plant	0	7233	7233
(d) Support watering 1 times @ 3.25		1876	2760	4636
(e) Protection & maintenance of fencing / tending operation	L.S.	6480	0	6480
Total for 3rd year		15935	10313	26248
4th Year				
(a) 1 weeding & soil working		4027	0	4027
(b) Protection & Maintenance of fencing/ Tending operation	L.S.	6943	0	6943
Total for 4th year		10970	0	10970
5th Year				
Protection & maintenance of fencing/ tending operation	L.S.	7404	0	7404
Total for 5th year		7404	0	7404
6th Year				
Protection & maintenance of fencing/ tending operation	L.S.	7868	0	7868
Total for 6th year		7868	0	7868
7th Year				
Protection & maintenance of fencing/ tending operation	L.S.	8330	0	8330
Total for 7th year		8330	0	8330
8th Year				
Protection & maintenance of fencing/ tending operation	L.S.	8793	0	8793
Total for 8th year		8793	0	8793
9th Year				
Protection & maintenance of fencing/ tending operation	L.S.	9255	0	9255
Total for 9th year		9255	0	9255
10th Year				
Protection & maintenance of fencing/ tending operation	L.S.	9718	0	9718
Total for 10th year		9718	0	9718
SUB TOTAL :		179930	109007	288937
The Cost of Supervision/subsequential silvicultureal Operations	20%	35984	21801	57787
		215914	130808	346724

Note :-

- (1) Seed sowing along fencing towards the inner side, and also in the plot.
- (2) Planting of cutting of ipomea//Glaricidia along the fencing towards outer side.
- (3) Planting of 25 seedling of Deshi Mango in a pit size of 1 m x 1 m x 1 m along the boundary of the plot.

SAY : - 3,46,724/-

Compensatory afforestation will be done in 2.00 ha. Area.

The Total afforestation cost will be Rs. 6,93,448/- Say- 6,93,500/-

Total Cost Rs. :6,93,500/-

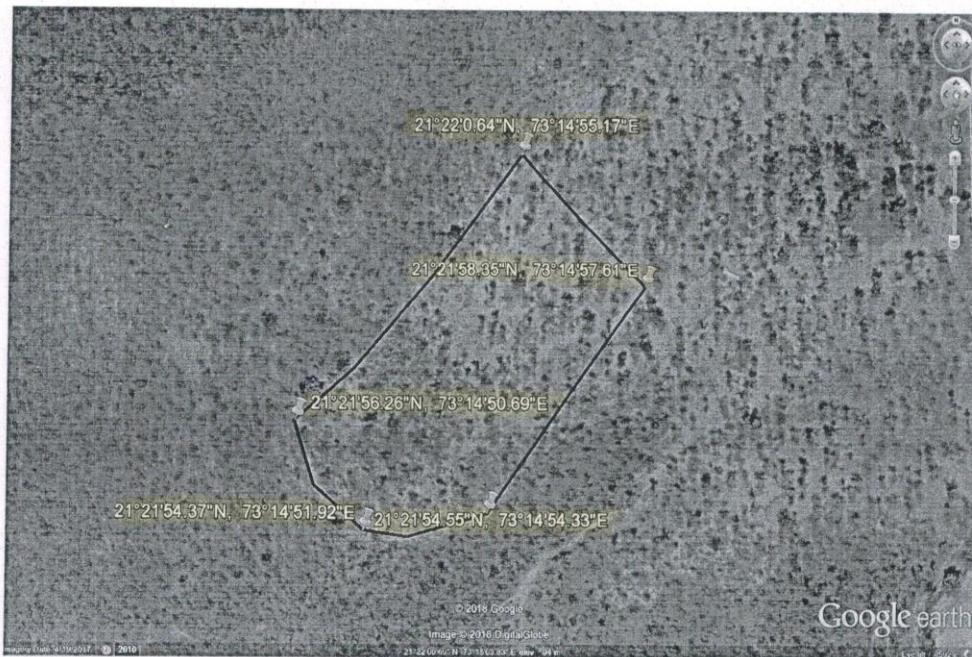
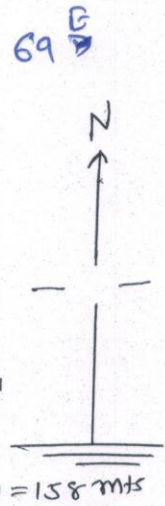
Surat Division

Range – Mandvi(S), Vill – Khodamba, Compartment
No-647. Coup No-6 pt. FS No- 70.

Compensatory Afforestation Area - 2.00 ha.

User Agency - ADANI WILMAR LIMITED. AHMEDABAD.

Details Scheme of Compensatory Afforestation 2.00 ha to be carried out in lieu
of 0.8357 ha. Of Protected Forest.



Date:- 14/08/2018
Place:- Surat.

(Puneet Nayyar)
Deputy Conservator of Forest
Surat.

INDEX SR.NO.13

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Statement showing the details of degraded forest area identified for the Compensation for afforestation.

Sr. No	Dist.	Taluka	Village	Compt .No/ Coup No	Total area ha.	Area in degraded forest in other scheme ha.	Area under this scheme ha.	Balance area. ha.
1	2	3	4	5	6	7	8	9
1	Surat	Mandvi	Khodamba	647/6 pt	412.10	15.00	2.00	395.10

Date: 14 /08/2018

Place: SURAT

(Puneet Nayyar)
Dy. Conservator of Forests
Surat.

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Annexure- 20

CERTIFICATE

This is to Certify that the Compensatory Afforestation Scheme of 0.8357 ha.(Double area of diverted area 2.00 ha) received from the Manager Operation Adani Wilmar Limited. Ahamdabad has given an undertaking to pay the cost of Compensatory Afforestation as per the prevailing wages (including the price escalation and supervision charges).


The Scheme in Question has been checked and found correct as per the prevailing wage rate structure and approved MFP-2 Models of plantation.

The Compensatory Afforestation has to be carried out in **R.F.Compt. No. 647 Coup No- 6 Pt. of Village. Khodamba, Taluka Mandvi, Range : Mandvi(S) of Surat division at the cost of Rs. 6,93,500/- (In words Six lakh Ninety Three Thousand Five Hundred rupees Only).**

There of the Compensatory afforestation Scheme in question here by technically approved by the undersigned.

Date: 14 /08/2018

Place: SURAT


(Punet Nayyar)
Dy. Conservator of Forests
Surat.


Annexure- 21

LAND SUITABILITY CERTIFICATE

This is to certify that I have visited 412.10 ha. area of degraded RF forest (for taking up 2.00 Ha. Of CA), of Coup No- 6 pt / Comptt. No - 647 of Village- Khodamba. Taluka- Mandvi District Surat on- dt-.25/6/18....., which has been identified for Compensatory afforestation as shown in the location map attached with the Compensatory Afforestation Scheme against the proposal for diversion of 0.8357 ha. Of forest land and the said area is Suitable for Compensatory afforestation. It is also certified that the Compensatory afforestation scheme suggested in the area is in consonance with the working plan prescriptions, specified for the said area.

Date: 14 /08/2018

Place: SURAT


(Purket Nayyar)
Dy. Conservator of Forests
Surat.