Compensary Afforestation Scheme for double degraded area

Diversion of 0.4590 ha.RF of Forest land for RCC/Black tarred Road in forest area for connecting to Rampara-Mandorana Road At Hadmatiya Gir Village of Talala Taluka Gir Somnath District.

Detailed scheme of Compensatory Afforestation for degraded area 01.00 ha, to be carried out in lieu of 0.4590 ha, of RF, forest land to be diverted in Gir Somnath district.

1. Details of degraded land.

Village	Jasapur
Taluka	Talala
Range	Talala
District	Gir Somnath
Division	Gir West Division, Junagadh
Block/Patal, Compartment No	Survey No.87 PF
Area to be afforested	1.00 Ha.
Working circle	

2. Description of Area.

Soil type	Black & Red Sandy
Topography	Plain
Slope	Predominantly Flat
Whether the area is bearing any root stock of Vegetation	Yes

- .3. Name of Plantation Programme: Compensatory Afforestation Scheme for Degraded Area.
- 4. Schedule of Plantation Programme:-
 - (i) The Compensatory Afforestation on degraded area would be starred by as Dy.Conservator of Forest Gir West Division, Junagadh as early possible after the proposal is formally approved.
 - (ii) Compensatory Afforestation will be done in 1.00 ha. Area. The total Afforestation cost will be about Rs.4,69,400/- (Four Lakh Sixty Nine Thousand Four Hundred Only.) Pravinbhai Gokalbhai Banderi R/O Village Hadmatiya Gir. 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:

Sr. No.	Details	Specific	cations	
3	General Details	The C.A. will be taken under Comdouble land on degraded Forest A 310.40 per day.	pensatory reas. The	Afforestation for prevailing wage rate is
b	Spacement	3 X 3 mtr., 1111 plants per ha.	7	
c .	Species to be planted			and described the last construction of a last construction of an execution of the last construction of the last construct
	(No. of plants per ha.)	Khair	200	*Minimum planting
		Kadaya	100	Height will be 100
		Bael	100	cm. at the time of
		Sadad	100	planting. However
		Salai	70	it will vary for
7	The control of the co	Baheda	50	different species.
	The state of the s	Kanji	150	
	A Constitution of the Cons	Arjun Sadad	70	
	and the second s	Aonla	100	
		Bamboo	101	
		Safed Khakhro (Butea	70	
		monsoperma var, lutea), Anjan		
		(Hardwickia binata), Dhauro		
		(Anogeissus sericea var.nummularia)		
		Total	1111	
		Laboration readers for recovery assessment and applications of the control of the		
d	Nursery Technique	Nine months old polypot raised pla monsoon.		
e	Site Preparation	The malformed rootstock present i	n the area	will be cutback & the
		site will be cleaned in the month o	f Nov-De	c. Alignment & pit
		digging 45 x 45 x 45 cms. will be		
f	Plantation Method	Polypot raised plants will be plan	nted duri	ng monsoon.
g	Soil & Moisture	(i) Pucca structure like Check	dam, che	ck wall, retaining wall
	Conservation Works	(ii) Contour trenches 2.00 x 0.4	5 x 0.30.	300 Nos/ha. will be dug
		along the contour line. the	dug out so	oil will be heaped on the
		down ward side. Gully plug	gging & N	ala nanding using The
		loose stone available in th	e area wi	Il be carried out as per
		requirement. Seeds of Jatr	opna, Ag	ner side of nala as ne
			in the up	per side of hala as per
		suitability. Barbed wire fencing, Seed sowin	g And nla	enting of cuttings of
h	Protection "French	Barbed wire fencing, seed sowing Ipomea/ Glarcidia along the fencing	e - Pro	
		Ipomea/ Glarciala along the feme		.111.1-
		- wording soil work	ang, Sup	port watering will be
i	Silvicultural Operations	lstyear three weeding soil work	ing, Sup	port watering will be
	Silvicultural Operations	- wording soil work	ding, Sup	port watering will be

orlineal rat sycsurs ce sthe new loar ava. as

[]	Maintenance	It is proposed to maintain the Discord
k	Subsequent silvicualttiral Operation	It is proposed to maintain the Plantation up to ten ears. Cleanings, cutbacks, thinning etc. (as per species specific requirement) will be carried out at the age as per prescribed in the working plan.
1	Proposed monitoring mechanism	(i) A plantation register is to be maintained.
		(ii) Monitoring is to be done as per the following norms. Forester — 100% RFO — 100% ACF 20% DCF — 10%t (iii) The recruits of survival etc. are maintained in the plantation
		register on it periodical basis, which is updated at the end the
		September and March each Year.
		(iv) The collar girth is also to be recorded at the end of each year.
		(v) At the end of maintenance period, the area is aimed at full stocking and pole crop girth for all the species. except bamboo.
	And the second of the second o	(vi) Bamboo would be of the harvestable size by the end of 41" year.
		(vii) Third party monitoring mechanism is also in the State and if the
		plantation is in the sample selected. it will also be monitored by
		the third party selected for this purpose.
in	Regeneration cleaning	Cut-back and promotion of root suckers.
n	Silvicrilture & other activities	Only afforastation aimed plantation will be taken up, as the area falls under degrated forest land.

Deputy Conservator of Forest Gir West Division, Junagadh

The Compensatory Afforastation scheme at the cost th Rs.4,69,400/- is technically and administrative approved by the undersigned.

Deputy Conservator of Forest Gir West Division, Junagadh Compensatory Afforestration Scheme for double degraded area under FCA proposal Diversion of 0.4590 ha.RF of Forest land for RCC/Black tarred Road in forest area for connecting to Rampara-Mandorana Road At Hadmatiya Gir Village of Talala Taluka Gir Somnath District.

Spacements = 3 m x 3 m Daily wages Rs.310.40 1111 seedling / ha 1st year replacement 10 % = 111 seedling / ha 2nd year replacement 20 % = 111+111 seedling / ha 3rd year replacement 10 % = 111 seedling / ha Total Seedlings = 1333 seedling / ha Polypot size: 15 cm X 25 cm X 200 Item of work Qty. Labour Material Total 2 0 year 3 Nursery (a) Cost of soil, ,manure, seeds, water, 1222 fartillizer, insecticides, implements, rent of lands. 1830 1830 Shade, etc. (including 10 % for casuality replacement) (b) labour: Preparation of beds, filling and arranging of bags, showing of seeds, watering shifting, weeding etc. 1222 4478 232 4710 (c) Seedling cost for casuality replacement in one year old (20%) 222 (d) Seedling cost for casuality replacement in two year old (10%) 1415 422 1837 111 708 210 918 6601 2694 9295 2. Area Development (Land Preparation) (a) Survey, cutback and promotion of root suckers 3365 0 3365 (b) Aligment and digging of pits 0.45 X 0.45 X 0.45 1222@6.00 9715 0 9715 Total 13080 0 13080 (a) Natural fertilizer (Neem cake/ Castor cake) 1111@ 5.00 0 9910 9910 0 9910 9910 3. SMC Works (a) forest pond L.S. 0 (b) Contour trench 2 M x 45 Cm x 30 Cm as per Rs.17.00/rmt 600 rmt. 9098 0 9098 (300 trench) Total 9098 0 9098 4. Protection (a) Barbed wire fencing L.S. 0 0 (b) Seed sowing and planting of cuttings of Ipomeal Glaricidia along the 1110 476 1586 fence (c) Brush Wood CMt 0 0 Total 1110 476 1586 Total for 0 year 29889 13080 42969 1st Year (a) Maintenance of nursery (April to June) 1222 3434 343 3777 (b) Transport of seedling for plantation 1111 1884 389 2273 (c) Planting with khamna of Min 1 m dia 1111 5792 0 5792 (d)Transport & planting of seediling for casualty replacement 111 402 44 446 (e) 3 weeding cum soil working 1111 22574 ō 22574 (f) Support watering 5 times @ 3.25 14430 20706 35136 (g) Protection / tending operation 8076 0 8076 (h) Tending to natural vegetation 1168 0 1168 (i) Contigency 1168 1168 Total for 1st year 57760 22650 80410 2nd Year

(a) 2 weeding & soil working	Qty.	Labour	Material	Total
(b) 20 % Casually replecement, transport and planting		12537	0	12537
(c) Natural fertilizer (neem cake / caster cake) etc.	111+111	211	1050	1261
(d) Support watering 3 times @ 3.25	Rs.5/ plant	0	11712	11712
(e) Protection / tending operation		9377	13459	22836
Total for 2nd year	1	9624	0	9624
3rd Year		31749	26221	57970
(a) 2 weeding & soil working			1	
(b) 10 % Casually replecement, transport and planting		13502	0	13502
(b) Natural fertilizer, neem cake etc.	222	113	566	679
(c) Support watering 1 times @ 3.25	Rs.5/ plant	0	12613	12613
(d) Protection & maintenance of fencing / tending operation		3367	4831	8198
Total for 3rd year	L.S.	11402	0	11402
4thYear		28384	18010	46394
(a) 1 weeding & soil working				
(b) Protection & Maintenance of fencing/ Tending operation		7232	0	7232
Total for 4th year	L.S.	13437	0	13437
5thYear		20669	0	20669
Protection & maintenance of fencing/ tending operation	L.S.	15766	0	15766
Total for 5th year	L,3.	15766	0	15766
6thYear		15700		15760
Protection & maintenance of fencing/ tending operation	L.S.	18426	0	18426
Total for 6th year		18426	0	18426
7thYear		75125		
Protection & maintenance of fencing/ tending operation	L.S.	21461	0	21461
Total for 7th year		21461	0	21461
8thYear				
Protection & maintenance of fencing/ tending operation	L.S.	24919	0	24919
Total for 8th year		24919	0	24919
9thYear				
Protection & maintenance of fencing/ tending operation	L.S.	28854	0	28854
Total for 9th year		28854	. 0	28854
10thYear				
Protection & maintenance of fencing/ tending operation	L.S.	33325	0	33325
Total for 10th year		33325	0	33325
SubTotal		311202	79961	391163
Total cost of supervision/subsequentalsilvicultureal operations	20%	62240	15992	78233
· · · · · · · · · · · · · · · · · · ·		373442	95953	469396
Grand Total Say Amount Rs.				469400

(1) Seed sowing along fencing towards the inner side.(2) Planting of cutting of ipomea//Glaricidia along the fencing towards outer side

Dy. Conservator of Forests Gir West Division, Junagadh

Annexure - 1

Proposed area for double degradation afforestation as well as for CAMPA (CA) projects for barren degraded forest areas

Name of FCA proposal Division		Remarks
2	3	4
Gir (vvest) Division, Junagadh	Gir (West) Division, Junagadh	
· · · · · ·		
	Name of FCA proposal Division 2 Gir (West) Division, Junagadh	Name of FCA proposal Division 2 Gir (West) Division, Junagadh Proposed territorial divisions for double degradation afforestation 3 Gir (West) Division, Junagadh

Date: / /2020 Place: Junagadh

Deputy Conservator of Forests Gir (west) Division, Junagadh

Patrak-3

Compensatory Afforestration Scheme for double degraded area under FCA proposal Diversion of 0.4599 ha.RF of Forest land for RCC/Black tarred Road in forest area for connecting to Rampara-Mandorana Road At Hadmatiya Gir Village of Taliala Taliaka Gir Somnath District.

Spacements = 3 m x 3 m			ally wages f	
111 seedling / ha				
st year replacement 10 % = 111 seedling / ha				
2nd year replacement 20 % = 111+111 seedling / ha				
3rd year replacement 10 % = 111 seedling / ha				
Total Seedlings = 1333 seedling / ha				
Polypot size : 15 cm X 25 cm X 200				
Item of work	Qty.	Labour	Material	Total
1	2	3	4	5
O year · Nursery			200	
(a) Cost of soil, ,manure, seeds, water,	1222	0	1830	1630
fartillizer, insecticides, implements, rent of lands.	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		a de la constanta de la consta	
Shade, etc. (including 10 % for casuality replacement) (b) labour : Preparation of beds, filling and arranging of	1222	4478	232	4710
bags, showing of seeds, watering shifting, weeding etc.	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		1	- 1,2
(c) Seedling cost for casuality replacement in one year old (20%)	222	1415	422	1837
(d) Seedling cost for casuality replacement in two year old (10%)	111	708	210	918
Total	_	6601	2594	9295
2. Area Development (Land Preparation)				
(a) Survey, cutback and promotion of root suckers		3365	0	3385
(b) Aligment and digging of pits 0.45 X 0.45 X 0.45	1222@6.00	9715	0	9715
Total		13080	0	13080
(a) Natural fertilizer (Neem cake/ Castor cake)	1111@ 5.00	0	9910	9910
Total		0	9910	9910
3. SMC Works			125763000	- 1
(a) forest pond	L.S.	0	0	1 1
(b) Contour trench 2 M x 45 Cm x 30 Cm as per Rs.17.00/rmt	600 rmt.	9098	0	9098
(300 trench) Total		9098	0	9093
_			September 1	
4. Protection	L.S.	0	0	5
(a) Barbed wire fencing (b) Seed sowing and planting of cuttings of Ipomea/ Glaricidia along the		1110	476	1586
fence	CMt	0	0	
(c) Brush Wood		4440	476	1586
Total		1110	1	42969
Total for 0 year		29889	13000	_
1st Year			2.2	3777
(a) Maintenance of nursery (April to June)	1222	3434		
(b) Transport of seedling for plantation	1111	1884	1	2273
(c) Planting with khamna of Min 1 m dia	1111	5792	1	5792
(d)Transport & planting of seediling for casualty replacement	111	402	44	448
	1111	22574	0	22574
(e) 3 weeding cum soil working	1	14430	20706	3513
(f) Support watering 5 times @ 3.25		8076	0	8070
(g) Protection / tending operation		1168	0	116
(h) Tending to natural vegetation		0	1	116
(i) Contigency		57760		80410
Total for 1st year				
2nd Year				

(a) 2 weeding & soil working	Qty.	Labour	Material	Total 12537
(b) 20 % Casually replecement, transport and planting		12537	1050	
(c) Natural fertilizer (neem cake / caster cake) etc.	111+111	211	1050 11712	1261
(d) Support watering 3 times @ 3.25	Rs.5/ plant	9377	13459	22836
(e) Protection / tending operation		9624	13439	9624
Total for 2nd year		31749	26221	57970
3rd Year		31743	20221	
(a) 2 weeding & soil working		13502	0	13502
(b) 10 % Casually replecement, transport and planting	222	113	566	679
(b) Natural fertilizer, neem cake etc.	Rs.5/ plant	0	12613	12613
(c) Support watering 1 times @ 3.25	NS.5/ plant	3367	4831	8198
(d) Protection & maintenance of fencing / tending operation	L.S.	11402	0	11402
Total for 3rd year	1.0.	28384	18010	46394
4thYear		20004	10010	
(a) 1 weeding & soil working		7232	0	7232
(b) Protection & Maintenance of fencing/ Tending operation	L.S.	13437	0	13437
Total for 4th year		20669	0	20669
5thYear				
Protection & maintenance of fencing/ tending operation	L.S.	15766	0	15766
Total for 5th year		15766	0	15766
6thYear				
Protection & maintenance of fencing/ tending operation	L.S.	18426	0	18426
Total for 6th year		18426	0	18426
7thYear				
Protection & maintenance of fencing/ tending operation	L.S.	21461	, 0	21461
Total for 7th year		21461	0	21461
8thYear				
Protection & maintenance of fencing/ tending operation	L.S.	24919	0	24919
Total for 8th year	-	24919	9 0	24919
9thYear				
Protection & maintenance of fencing/ tending operation	L.S.	28854	4 0	28854
Total for 9th year		2885	4 0	2885
10thYear				
Protection & maintenance of fencing/ tending operation	L.S.	3332	5 C	3332
Total for 10th year	*	3332	5 0	3332
SubTotal	~~	31120	2 79961	39116
Total cost of supervision/subsequentalsilvicultureal operations	20%	6224	0 15992	
Grand Total	-	37344	2 95953	46939
Say Amount Rs.	Tares.			46940

(1) Seed sowing along fencing towards the inner side.(2) Planting of cutting of ipomeal/Glaricidia along the fencing towards outer side

Dy. Conservator of Forests Gir West Division, Junagadh

Rate Structure for Compensatory Afforestation Scheme

Grand Total	18	328331	469396	328331	469396	460400
20% Add		54722	78233	54722	78233	00
Total	16	273609	391163	273609	391163	Total Contract
6th Year 7th Year 6th Year 9th Year 10th Year	15	15869	33325	15869	33325	A CONTRACT OF THE PROPERTY OF
9th Year	14	14427	28854	14427	28854	STREET, MARKET STREET,
8th Year	13	13115	24919	13115	24919	STATE OF STREET, STATE OF STATE OF STATE OF STREET, STATE OF
7th Year	12	11923	21461	11923	21461	Total Sections of the Owner, where
6th Year		10839	16426	10839	18426	in the second designation of the second second
5th Year	10	9854	15766	9854	15766	And in contrast of the last of
4th Year	6	13779	20669	13779	20669	The Personal Property lies, th
3rd Year	80	33138	46394	33138	46394	The particular desirable d
2nd Year	7	44592	57970	44592	57970	the same and the s
1st Year 2nd Year	9	62009	80410	62009	80410	The second second second second second
0 Year	5	39064	42969	39064	42969	- Proposition of the last of t
Hactor	4	1.00	1.00	1.00	1.00	and agreement and an arrangement of the
Rale	3	Normal Rate par 1.00 Ha.	Increased Rate par 1.00 Ha .by 10% Year	A Normal Rate	Increased by 10% Year	CONTRACTOR AND
	2	< −	0	< <	В	
Sr.	-			0		1

を担めているとのでは、他の意味を見る日本では日本では、までは「人である」していっている。しゃいから、これではないでしょうものできないないできない。	in the design of the property of the few last and the few
For Different Years the ra	For Different Years the rate shown for B has been dervied
from A as Follows.	
0 Year-B=A +10% of A	6 Year-B=A +70% of A
1 Year-B≈A +20% of A	7 Year-B≖A +80% of A
2 Year-B=A +30% of A	8 Year-B≈A +90% of A
3 Year-B≈A +40% of A	9 Year-B≈A +100% of A
4 Year-B=A +50% of A	10 Year-B=A +110% of A
5 Year-B=A +60% of A	gents by the contemporary and an exemplate contemporary for some is the second contemporary of the sec
NB:(2)-	经存货证据 计电子设计 化二甲基乙基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲
In column 17 the additional 20% is lowards the cost of	% is lowards the cost of
supervision/subsequentalsilvicultureal operations	ultureal operations.



Name of works	Model No.	Area	Rate per							Amount				Al		
		H.A.	Нас	0 Year	1st Year	2nd Year	3rd Year	4th Year	5th Year	6th Year	7th Year	8th Year	9th Year	10th Year	20%	Total Rs.
O Year 70 % Adv.work. Ist Year Operation.	Model-3	1.00	42969	42969	0	0	0	0	0	0	0	0	0	0	8594	51563
Ist Year 30 % Advance work Current year plantation			80410	0	80410	0	0	0	0	0	0	0	0.	0	16082	96492
2nd Year operation Maintanance of one year old plantation.			57970	0	0	57970	0	0	0	0	0	0	0	0	11594	69564
3rd Year operation Maintanance of 2 years old plantation.			46394	0	0	0	46394	0	0	0	0	0	0	0	9279	55673
4th year operation Maint.of 3 years old plantation.	* · · ·		20669	0	0	0	0	50669	0	0	0	0	0	0	4134	24803
Sth year operation Maint of 4 years old plantation.			15766	0	0	0.	0	0	15766	9	0	0	0	0	3153	18919
6th year operation Maint.of 5 years old plantation.			18426	0	0	0	9	0	0	18426	0	0	0		3685	22111
7th year operation Maint.of 6 years old plantation.	1 '		21461	0	0	0	0	0	О	0	21461	0	0	0	4292	25753
8th year operation Maint.of 7 years old plantation.			24919	0	0	0	0	0	0	0	0	24919	0	0		
9th year operation Maint.of 8 years old plantation.			28854	0	0	0	0	0	0	0	0	0	28854	0		
10th year operation Maint.of 9 years old plantation.	- , - 1, - 2,	-	33325	0	0	0	0	0	0	0	0	0	0	33325	9999	deserve
Total			391163	42969	80410	57970	46394	20669	15766	18426	21461	24919	28854	33325	78233	
											Printer of the State of the Sta	THE RESERVE OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAME	Contract of the Contract of th	Contraction of the Visiting	Total	469400

