Compensary Afforestation Scheme for double degraded area

Diversion of 0.1647 ha. Sanctuary, Reserved forest and Protected forest land for laying Optical Fiber cable in forest area for connecting to Sasan,- Talala Road to Bhojde 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 0.1647 ha. of PF forest land to be diverted in Gir Somnath district.

Details of degraded land.

1.

Village	Chitrod
Taluka	Talala
Range	Sasan
District	Gir Somnath
Division	Gir West Division, Junagadh
Block/Patal, Compartment No	Survey No.20/1 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)

(ii) Compensatory Afforestation will be done in 1.00 ha. Area. The total Afforestation cost will be about Rs.6,85,880/- (Six Lakh Eighty Five Thousand Eight Hundred Eighty Only.) Jio Digital Fiber Privet Limited Ahmedabad . has given an undertaking to pay the cost of Compensatory Afforestation as per the prevailing wages (including the price escalation and supervision charges)

5.

Sr. No.	Details	s of Compensatory Afforestation Spec	ification	and the second
a	General Details	The C.A. will be taken under Co double land on degraded Fores 310.40 per day.	ompensa t Areas.	tory Afforestation for The prevailing wage rate is
b	Spacement	3 X 3 mtr., 1111 plants per ha.		
¢.	Species to be planted	Khair	200	1.0
	(No. of plants per ha.)	Kadaya	100	65 cm
		Bael	100	75 cm
		Sadad	100	65 cm 90 cm
	일부는 것이 많은 것이 같은 것이 같다.	Salai	70	75 cm
	성 그는 것 같은 것	Baheda	50	90 cm
1.00	김 영화 영화 영화 문화 문화	Kanji	150	
-		Arjun Sadad	70	75 cm
일연		Aonla	100	90 cm
		Bamboo	100	75 cm
		Safed Khakhro (Butea	70	65 cm
		monsoperma var, lutea),Anjan (Hardwickia binata), Dhauro (Anogeissus sericea var.nummularia)	70	50 cm
(<mark>a</mark>		Total	1111	
d	Nursery Technique	Nine months old polypot raised monsoon.		
e	Site Preparation	The malformed rootstock presensite will be cleaned in the month digging 45 x 45 x 45 cms. will	h of Nov- be carrie	Dec. Alignment & pit d out in the month of Dec
f	Plantation Method	Polypot raised plants will be p	planted d	luring monsoon.
g	Soil & Moisture Conservation Works	 Pucca structure like Che Contour trenches 2.00 x along the contour line. th down ward side. Gully p loose stone available in requirement. Seeds of J planted during monsoor suitability. 	eck dam, 0.45 x 0. he dug ou lugging the area atropha on in the	check wall, retaining wall 30. 300 Nos/ha. will be du it soil will be heaped on th & Nala handing using "l"h a will be carried out as pe , Agave plants. etc. will be upper side of nala as pe
h	Protection "French	Barbed wire fencing, Seed sow Ipomea/ Glarcidia along the fe	ence	
i	Silvicultural Operations	l styear three weeding soil w Provided if needed. 2'd year two weeding soil worki 3'dyear one weeding soil workin	orking,	Support watering will be

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្រា	Maintenance	It is proposed to the total pro-
k	Subsequent silvicualttiral Operation	It is proposed to maintain the Plantation up to ten ears. Cleanings, cutbacks, thinning etc. (as per species specific requirement)
	Proposed monitoring mechanism	 will be carried out at the age as per prescribed in the working plan. (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. (vi) Bamboo would be of the harvestable size by the end of 4¹¹ 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.6,85,880/- 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 0,1647 ha. Sanchuary, Reserved forest and Protected forest land for laying Optical Fiber cable in forest area for connecting to Sasan,- Talala Road to Bhojde Village of Talala Taluka Gir Somnath District.

Daily wages Rs.310.40 Spacements = 3 m x 3 m 1111 seading / 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 Material Total Qty. Labour Item of work 5 4 2 3 1 0 year Nursery 1830 1830 0 1222 (a) Cost of soil, manure, seeds, water, fartillizer, insecticides, implements, rent of lands. Shade, etc. (including 10 % for casuality replacement) 4710 4478 232 1222 (b) labour : Preparation of beds, filling and arranging of bags, showing of seeds, watering shifting, weeding etc. 422 1837 1415 222 (c) Seedling cost for casuality replacement in one year old (20%) 210 918 708 111 (d) Seedling cost for casuality replacement in two year old (10%) 2694 9295 6601 Total 2. Area Development (Land Preparation) 3365 3365 0 (a) Survey, cutback and promotion of root suckers 9715 0 1222@6.00 9715 (b) Aligment and digging of pits 0.45 X 0.45 X 0.45 13080 13080 0 Total 9910 9910 0 1111@ 5.00 (a) Natural fertilizer (Neem cake/ Castor cake) 9910 9910 n Total 3. SMC Works n n 0 L.S. (a) forest pond (b) Contour trench 2 M x 45 Cm x 30 Cm as per Rs.17.00/mt 0 9098 9098 600 rmt. (300 trench) 9098 9098 0 Total 4. Protection 108240 180400 72160 L.S. 410 (a) Barbed wire fencing (b) Seed sowing and planting of cuttings of Ipomea/ Glaricidia along the 1110 1586 476 fence 0 0 0 CMt (c) Brush Wood 181986 73270 108716 Total 223369 121320 102049 Total for 0 year 1st Year 3777 (a) Maintenance of nursery (April to June) 1222 3434 343 2273 1884 389 1111 (b) Transport of seedling for plantation 5792 (c) Planting with khamna of Min 1 m dia 1111 5792 0 (d)Transport & planting of seediling for casualty replacement 445 402 111 44 22574 22574 1111 0 (e) 3 weeding curn soil working 35136 14430 20706 (f) Support watering 5 times @ 3.25 8076 8076 0 (g) Protection / tending operation 1168 1168 0 (h) Tending to natural vegetation 1168 0 1168 (i) Contigency 80410

Total for 1st year

THE POINT HA CENTRAL PF 20-1 OFC JIOICA SCHEME 2020 NEW 1 ha gadkiya

2nd Year

22650

57760

(a) 2 weeding & soil working	Q14.	Latique 1253/	Meterial	Total Uson
(b) 20 % Casually replecement, transport and planting	1114111	211	1050	1201
(c) Natural fertilizer (neem cake / caster cake) etc.	Re 6/ plant	A CONTRACTOR OF THE OWNER	11912	11712
(d) Support watering 3 times @ 3.25	ang anna a anna anna anna anna anna ann	9377	13459	22834
(e) Protection / tending operation		4024	anne anna an à star	9.20
Total for 2nd year		31749	25221	57570
3rd Year	and Carmentak/Minutester	in and here a first to be	encommunication and	one management
(a) 2 weeding & soil working		18502	0	13502
(b) 10 % Casually replacement, transport and planting	222	113	256	679
(b) Natural fertilizer, neem cake etc.	Rs.5/ plant	0	12613	12013
(c) Support watering 1 times @ 3.25		3367	4831	8198
(d) Protection & maintenance of fencing / tending operation	L.S.	11402	0	11402
Total for 3rd year		28384	18010	46394
AthYear	-	-	saddianen - mariter a	
(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		20559
5thYear				
Protection & maintenance of fencing/ tending operation	L.S.	15768	0	15765
Total for 5th year		15766	0	15766
6thYear				
Protection & maintenance of fencing/ tending operation	L.S.	18425	0	18426
Total for 6th year		18428	5 0	18426
7thYear			1	
Protection & maintenance of fencing/ tending operation	L.S.	2146	1 0	21451
Total for 7th year		2146	1 0	21461
8thYear				
Protection & maintenance of fencing/ tending operation	L.S.	2491	9 0	24919
Total for 8th year		2491	9 0	24919
9thYear		1.000		
Protection & maintenance of fencing/ tending operation	L.S.	2885	4 0	28854
Total for 9th year		2885	4 0	28854
10thYear				1
Protection & maintenance of fencing/ tending operation	L.S.	3332	25 (3332
Total for 10th year		3333	_	3332
SubTotal		3833		
Total cost of supervision/subsequentalsilvicultureal operations	20%	766		
Grand Total		4600	34 22584	1 68587
Say Amount Rs.				68588

Note :-

1

(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

Annexure - 1

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

S.No.	Name of FCA proposal Division	Proposed territorial divisions for double degradation afforestation	Remarks
1	2	3	4
1	Gir (West) Division, Junagadh	Gir (West) Division, Junagadh	
the state	a falle to be the stars which a property the self of		alter frage states and the

Date: /08/2020 Place: Junagadh Deputy Conservator of Forests Gir (west) Division, Junagadh

Patrak-3

Compensatory Afforestration Scheme for double degraded area under FCA proposal Diversion of 0.1647 ha. Sanctuary, Reserved forest and Protected forest land for laying Optical Fiber cable in forest area for connecting to Sasan,- Talala Road to Bhojde Village of Talata Taluka Gir Somnath District.

Dally wages Rs.310.40

1111 seedling / ha	1			19 P 19
1st year replacement 10 % = 111 seedling / ha				1.
2nd year replacement 20 % = 111+111 seedling / ha				2
3rd year replacement 10 % = 111 seedling / ha	1			
Total Seedlings = 1333 seedling / ha				
Polypot size : 15 cm X 25 cm X 200				
Item of work	Qty.	Labour I	Matorial	Total 5
1 0 year	2			
Nursery				
 (a) Cost of soil, manure, seeds, water, fartillizer, insecticides, implements, rent of lands. Shade, etc. (including 10 % for casuality replacement) 	1222	0	1830	1830
 (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	1415	422	1837
(d) Seedling cost for casuality replacement in two year old (10%)	111	708	210	918
Total		6601	2694	9295
2. Area Development (Land Preparation)				
(a) Survey, culback 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
Total		0	9910	9910
3. SMC Works				
(a) forest pond	L.S.	0	0	0
(b) Contour trench 2 M x 45 Cm x 30 Cm as per Rs.17.00/rmt (300 trench)	600 rmt.	9098	0	9098
Total		9098		5050
4. Protection	1.0.440	72160	108240	180400
(a) Barbed wire fencing	L.S. 410	1110	476	1580
(b) Seed sowing and planting of cuttings of Ipomea/ Glaricidia along the fence	CMt	0	0	
(c) Brush Wood				18198
Total		73270		22336
Total for 0 year		102049	121320	22330
1st Year	1222	3434	343	377
a) Maintenance of nursery (April to June)		1884		227
b) Transport of seedling for plantation	1111			579
A Planting with khampa of Min 1 m dia	1111	5792		44
d)Transport & planting of seediling for casualty replacement	111	402	1	225
e) 3 weeding cum soil working	1111	22574		
f) Support watering 5 times @ 3.25		14430		
g) Protection / tending operation		8076	6 0	a descent second
g) Protection / tending operation h) Tending to natural vegetation		116		
			0 1168	the last of the second
i) Contigency		5776	0 22650	804
Total for 1st year				1

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Model-3-1111 Final @310.40 (2)

(a) 2 weeding & soil working	Qty.	Labour 12537	Material	Total
(b) 20 % Casually replecement, transport and planting		and the state of the	0 1050	1253
(c) Natural fertilizer (neem cake / caster cake) etc.	111+111	211	11712	126
(d) Support watering 3 times @ 3.25	Rs.5/ plant	0		1171
(e) Protection / tending operation		9377	13459	2283
Total for 2nd year		9624	0	962
3rd Year		31749	26221	5797
(a) 2 weeding & soil working		10500		1250
(b) 10 % Casually replecement, transport and planting		13502	0	1350
(b) Natural fertilizer, neem cake etc.	222	113	566	67
	Rs.5/ plant	0	12613	1261:
(c) Support watering 1 times @ 3.25		3367	4831	8198
(d) Protection & maintenance of fencing / tending operation	L.S.	11402	0	11402
Total for 3rd year		28384	18010	46394
4thYear				1.17
(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			1.1	
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	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		383362	188201	571563
Total cost of supervision/subsequentalsilvicultureal operations	20%	76672	37640	114313
Grand Total		460034	225841	685876
Say Amount Rs.		e. :		685380

Note :-

1. 1. 1. 1. 1.

(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

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Number 2 March 199	Grand Total	18	525131	685876	525131	695876
Sex Amon	20% Add	17	87522	114313	87522	114313
	letal	16	437609	571563	437609	571563
	IULLI Year	15	15869	33325	15869	33325
~	au tear	14	14427	28854	14427	28654
fith Year 7th Year 8th Year of th Y-	IPAL INO	13	13115	24919	13115	24919
7th Vers	10.4	12	11923	21461	11923	21461
6th Vaar		11	10839	18426	10839	18426
5th Vear		10	9854	15766	9854	15766
4th Year		6	13779	20669	13779	20669
3rd Year	-	B	33138	46394	33138	46394
2nd Year	1000	7	44592	57970	44592	57970
1st Year 2		9	67009	80410	67009	80410
0 Year 1	-	2	203064	223369	203064	223360
Hactor		4	1:00	1.00	1,00	1.00
Rate		3	Normal Rate par 1.00 Ha.	Increased Rate par 1.00 Ha.by 10% Year	A Normal Rate	B Increased by 10% Year
		N	۲	10		N
Sr.	1.3	-1	250.48-30		and the second	

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12.00

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 +80% of A	
	1% of A
-	0% of A
	01 A
- mine	00% of A
4 Year B A +50% of A 10 Year B A +110% of A	110% of A
5 Year B=A +60% of A	A REAL PROPERTY AND ADDRESS OF A REAL PROPERTY AND ADDRESS OF A REAL PROPERTY ADDRESS OF ADDRESS OF A REAL PROPERTY ADDRESS OF ADDRESS OF A REAL PROPERTY ADDRESS OF ADDREAL PROPERTY ADDRESS OF ADDRESS OF ADDRESS OF ADD

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Dy, Conservator of Forests Gir West Division, Junagadh

Name of works	Model No.	Area	Rate per							Amount						
		HA	Har	0 Year	1st Year	2nd Year	3rd Year	4th Year	5th Year	6th Year	7th Year	8th Year	Still Yest	10th Year	38	Total R4.
0 Year 70 % Adv.work. Ist Year Operation.	Model-3	100	223369	223369	0	0	0	0	0	0	0	0	¢	8	46574	CARRY T
list Year 30 % Advance work. Our cast year plantation			80410	0	80410	o	0	0	0	0	0	0	0			Distries
Zod Year operation Maintanance of the year old plantation.			57970	Q	0	57970	0	0	0	0	0	0	0	5	11294	19549
3rd Year operation Maintanance of 2 years sid plantation.	-		46394	0	0	0	46394	0	0	0	0	0	6	ø	6226	20925
42k year operation Mainted 3 years old plantation.			20669	0	0	0	0	20669	0	0	0	0	6	0	NO	Dues
5121 year operation Maint of 4 years old plantation.	and the second second		15766	0	0	0	0	0	15766	0	0	0	0	0	ISIC	10014
6th year operation Maint of 5 years old plantation.			18426	0	0	0	0	0	0	18426	0	0	6	0	1685	1917
7th year operation Maintof 6 years old plantation.			21461	0	0	0	0	0	0	0	21461	0	e	5	1474	RES
Oth star operation Maint of T years old plantation.			24919	0	0	0	0	0	0	0	0	24919	0		7254	Saves
Pili year operation Maint of B years old plantation.			28854	0	0	0	0	0	0	0	0	0	28854	0	E	STORE
10th year operation Maintof 9 years old plantation,			33325	0	D	0	0	0	0	0	0	0	0	31225	State	The second
Total			271563	223369	80410	57970	46394	20669	15766	18426	21461	24919	23854	33325	turt II	902589
	-	-				I				T	T	1				

Dy. Conservator of Foresta Gir West Division, humagadh . £