Scheme of Compensatory Afforestation Annexure No. ... 19...

Detailed Scheme of Compensatory Afforestation to be carried out in lieu of 1.00 Ha. Forest land against R.F. area for 0.0630 Ha. of Forest land for AG application whose proposed line is passing through forest area. Visavadar Range, Junagadh District

Details of degraded forest land:

District:

Junagadh

Village Lashkar Shobayadla

Taluka:

Visavadar

Name of Forest Division: Gir West Division, Junagadh

Range:

Visavadar Range

Survey No.:

Survey No.211/1 RF

Area to be afforested :1.00 Ha.

2) Description of area:

i) Soil Type -

Balck & Red Sandy soil

ii) Slope - Predominantly Flat

iii) Whether the area is bearing any root stock or vegetation - Sporadic clumps of Zinzavo (dicanthium annulatum) and shrub growth of lantana camara and tree growth of acacia nilotica, prosopis juliflora, acacia senegal,

3) Name of plantation programme: Compensatory afforestation scheme for Grass Development in Plain Vidi Area

4) Scheme of Plantation programme: Compensatory afforestation

The Compensatory Afforestation work on forest land will be implemented by Deputy Conservator of Forests, Gir West Division Junagadh as early as possible after the proposal is formally approved.

Detailed year wise break-up of requirement of fund for above scheme as under

Daily wages Rate: Rs. 307.90

Year	Requirement for 1.00 Ha. as per daily wage rate of 307.90
0 Year	550009
1st Year	177663
2 nd Year	117295
3 rd Year	122879
4th Year	66743
5th Year	73409
6th Year	80749
7th Year	88824
8th Year	97707
9th Year	107477
10 th Year	118225
Total	1600979
Supervision Charge 20 %	320196
Total	1921175

The User Agency has given an undertaking to pay the cost of Compensatory Afforestation as per the prevailing wages (Including the price escalation and supervision charges)

Technical Details:-

Technical details of Compensatory Afforestation are as follows:

	Technical details of Con	ipensatory Afforestation are as follows:-									
a	General Details	Model Compensatory Afforestation Scheme for Grass Development in Plain Vidi Area.									
b	Spacing	15 CM X 15 CM									
c	Species	Saniyar, Zinzavo, 200 plants on boundary									
d	Nursery Technique	atest Seeds Collected and cleaned to be mixed with FYM and Spread over area after cultivation									
e	Site preparation	Ploughing of the area and site cleaning with removal of exotic species.									
f	Plantation Method (Size of Pits Plaguing etc.)	Seeds mixed with FYM are planted over the area after cultivation just before monsoon. Support watering must be provided in case of gap in rainfall is over 3 days. 200 plants will be planted on boundary									
g	SMC Works	Check dam, Nala Bounding.									
h	Protection	Barbed fencing.									
i	Silvicultural operation	Grazing should not be allowed. Cutting of grass after second year and every year thereafter.									
j	Maintenance	One watchman from planting to end of rainy season (5 months) should be provided.									
k	species specific requirem	operation proposed such as cleaning, cutbacks etc. (as per lent) Yes.									
1	plantations:	es participation (if any) for long term sustenance of the articipate in auction of grass as per prevailing Practice.									
m		Third party Monitoring as decided by the department.									

The Scheme for Ha 1.00 Compensatory Afforestation is Technically sanctioned and administratively approved for Rs. 19,21,175 (in words) Ninteen Lacs Twenty One Thousand One Hundred Seventy Five Only.

(Dr. Dheeraj Mittal)
Deputy Conservator of Forests
Gir West Division, Junagadh

Place: Junagadh Date: /10/2019

Compensatory afforestation scheme for Grass Development in Plan Vidi Area Spec ement: 0.15 x 0.15 m Approx. 14 kg. Seeds/Ha Total Hac. 1.00 Estimate for 1.00 Hac. Plantation

4444 seeds/ha	Plants :- 200

Sr. No.	Item of Work		aily wages Rs		307.90		
f. 110.			ty. (For 1 lac.)	Unit rate	,	Material (Rs.)	Total
	2	3	4	5	6	7	8
1				100			
Year	Advance Work						
	cost of Fress seed collection	Kg	14	400		5600	5600
$\frac{1}{2}$	Area Development [Land Preparation]						0
	a. Site Cleaning and removal of unwanted growth	MD	10 .	307.9	3079		3079
	b. Prunning and singling of existing Tree and shrub	На.	1	9620		9620	9620
<u> </u>	C. Ploughing of area with heavy plough	Ha.	1	7250		7250	7250
	D. Digging of 200 Pits (45CMx45cmx45cm) at 2 Meter distance at boundary	Nos	200	14.8		2960	2960
	Removal of Unwanted Growth Lantana Etc.	На.	1	10500	10500	0	10500
	Construction of Chakdam for SMC	Nos	1	500000	300000	200000	500000
	Nala Bunding	CMT.	20	220			4400
		Rmt.	400	16.5		_	6600
	Fencing Sub total of advance work	Timite.	400	1 2010	324579		550009
Lst year							
	Tending						
1	Cost of 220 Plants of Local Species (20CMx 30CM)	Nos	220	20.0	5	4532	
2	Cost of farm yard manual 100QT./ HA	Qtl	100	45	0	45000	_
3	Cost of Neem coated Uria 150KG/ HA	kg	150	6.	5	97	975
4	Cost of application of Ferti. & chemicals	MD	10	334.6	2 334	6	3346
5	Plantation after light ploughing with grass seeds and Vermi compost	На.	1	490	0	490	0 4900
6	Planting of 200 Seedlings at boundary	Nos	200	20.	.6	412	
7	3Weedings and soil working	Ha.	200	3.		_	740
8	Planting of Casuality	Nos	20	20	.6 41	.2	41
9	Planting of casuality Planting of grass pallets in causulity areal	MD	10	334.8	_	_	334
10	support watering	Per ha Per time	1 (9 Times) 635	3060	2946	6006
11	Upkeep of the 1 Ha. Area For Fencing	MD	150	334.8	502	26	5022
12	Protection ETC Cost for seed collection (to be used for next	KG	14	4	00	56	560
	year)		-		886	76 889	87 17766
	Sub Total for Current year				200		
2nd							1
year		MD	2	367.	84 7	36	7:
1	Cost of sowing of grass seed/seedling	Per ha	1 (9 Time		56 306	_	
2	support watering	Per tim		-, 33	300		

Nie I	Item of Work		Dailly wages R	5.	307.90			
No.		Unit	Oty. (For 1		Labour (Rs.)	Material (Rs.)	Total	
9	A St. Ame Englander	1000	Hac)			-	55176	
-	Upkeep of the 1 Ha. Area For Fencing Protection ETC	MD	150	357.84	55176		33279	
1	Cost for seed collection (to be used for next	(g	3	440		1320	1320	
	year Sub Total for Second year	1	i i		86515	30780	117295	
	Side social national	4	Ì	i				
3mi		a de la companya de l						
YEST	Cost of sowing of gress seed	MD	2	404.58	809		809	
2	SUDDIT WELFIRE	Per ha Per time	1 (9 Times)	6356	30503	29450	50063	
3	Upkeep of the 1 Ha. Area For Fencing Protection ETC	MD	150	404.58	60687		60687	
1	Cast for seed collection (to be used for next	Υg	3	440		1320	1320	
5	Sub Total for Third year	CHALL	11 11 11 11 11 11 11 11 11 11 11 11 11		92099	30780	122879	
off we	3	1		diameter (
1	Tupkeep of the 1 Ha. Area For Fencing Protection ETC	MD	150	444.95	66743		66743	
_	Sub Total for 4th year	1	1	7	66743	0	6674	
	V	1	 	9		1		
5th ye	Upkeep of the 1 Ha. Area For Fencing	MD	150	489.39	73409	-	7340	
	Protection ETC Sub Total for 5th year	1	1	1	73409	0	7340	
Oth ye		5			1			
1	Upkeep of the 1 Ha. Area For Fencing	MD	150	538.33	80749		8074	
100	Protection ETC	1		1	80749	0	8074	
-	Sub Total for 6th year	-	e e	1	1	1		
75 ys 1	Upkeep of the 1 Ha. Area For Fencing	MD	150	592.16	88824	4	8882	
1	Protection ETC	9	1	1	88824	4 0	8882	
-	Sub Total for 7th year	9	e - 1804	1				
y 1	Upkeep of the 1 Ha. Area For Fencing	MD	150	651.3	9770	7	9770	
	Protection ETC	-	1	1	9770	7 (9770	
95 y	Sub Total for 8th year	1	1				1	
1	Upkeep of the 1 Ha. Area For Fenoing	MD	150	716.5	2 10747	7	10747	
	Protection ETC		1	1	10747	7	0 10747	
10%	Sub Total for 9th year	-	1	1	10141	1	10/4/	
1	Upkeep of the 1 Ha. Area For Fencing	MD	150	788.1	7 11822	5	11822	
-	Protection ETC				11822	5	0 11827	
	Sub Total for 10th year	-	4	i i	122500			
		-	1	1	1	37337	32019	
-	20% supervision charges Grand total		-	1	1	-	192117	

Annexure - 1

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

_			_		_		-	_	١
Demonto	Kemarks		4						
11 0	Proposed territorial divisions for double	degradation afforestation	3		Gir (West) Division, Junagadh				
	Name of FCA proposal Division		3		Gir (West) Division. Junagadh	2 (
	S.No.		-	1		7			

Deputy Conservator of Forests Gir (West) Division, Junagadh

Date: /10/2019

Date: Junagadh

Annexure -3

Compensatory afforestation scheme for Spec ement: 0.15 x 0.15 m Approx. 14 kg. Estimate for 1.00 Hac. Plantation

ensity :4	44444 seeds/ha Plants :- 200	D	ily wages Rs		307.90		
r. No.	item et al	Unit C	ty. (For 1 ac.)	Unit rate		Material (Rs.)	Total
	2	3	4	5	6	7	8
1		-					
Year							
	Advance Work	Kg	14	400		5600	5600
1 0	ost of Fress seed collection	I/R					0
2 4	Area Development [Land Preparation]	MD	10	307.9	3079		3079
-	a. Site Cleaning and removal of unwanted		,	30713			
	growth	-		9620		9620	9620
T	b. Prunning and singling of existing Tree and	Ha.	' 1	3020			
	shrub			7250		7250	7250
	C. Ploughing of area with heavy plough	На.	1	7250		2960	-
$\overline{}$	D. Digging of 200 Pits (45CMx45cmx45cm) at 2	Nos	200	14.8	1	2500	
-	Meter distance at boundary						10500
	Removal of Unwanted Growth Lantana Etc.	Ha.	1	10500	10500		10501
	Memora, a.						50000
	Construction of Chakdam for SMC	Nos	1	500000	300000		
	Nala Bunding	CMT.	20	220	4400	0 (0 440
		Rmt.	400	16.	660	0 (660
	Fencing Sub total of advance work				32457	9 22543	55000
		1					
1st year							
	Tending (20CM)	Nos	220	20.	6	453	2 453
1	Cost of 220 Plants of Local Species (20CMx	1403	220	1			
	30CM)	011	100	45	in	4500	0 4500
2	Cost of farm yard manual 100QT./ HA	Qtl			.5	97	
3	Cost of Neem coated Uria 150KG/ HA	kg	150	_		_	334
4	Cost of application of Ferti. & chemicals	MD	10	334.6			_
5	Plantation after light ploughing with grass	Ha.	1	490	00	490	490
	seeds and Vermi compost						
6	Planting of 200 Seedlings at boundary	Nos	200	20		412	
7	3Weedings and soil working	Ha.	200			40	7.
8	Planting of Casuality	Nos	20			12	4
9	Planting of grass pallets in causulity areal	MD	10	334.	84 33	48	33
10	support watering	Per ha	1 (9 Times	s) 63	56 306	03 294	600
10	Support watering	Per tim	2				
	100 m = 50						
1	Upkeep of the 1 Ha. Area For Fencing	MD	150	334	.84 502	226	502
11						100	
-	Protection ETC	KG	14	1	100	56	500 56
12	Cost for seed collection (to be used for next	I.O	-				
	year)	_	_		99	676 889	987 1776
	Sub Total for Current year					000	277
2nd		100					
year				200	7.04	726	-
1	Cost of sowing of grass seed/seedling	MD	2			736	150 50
2	support watering	Per ha		es) 6	356 30	603 29	460 60
		Per tir					

- N-	I Item of Work	MATA DE CONTRA D	Dally wages R	6.	307.90		THE RESERVE	OMERICAL S
r. No.			Qty. (For 1 Hac.)	Unit rate	action as city from the	Material (fts.)	Total	
3	Upkeep of the 1 Ha. Area For Fencing Protection ETC	MD	150	367.84	55176		55	176
4	Cost for seed collection (to be used for next year)	Kg	3	440		1320	1	320
	Sub Total for Second year		CANAL SOCIETY WHILE SOCIETY AND	I SALAN AN ACTIONS	86515	30780	117	295
3nd			10.0					1
year	familiar of grace and	MD	2	404.58	809	A AND PROPERTY OF THE PARTY OF	TA STANSFORMAN	809
1	Cost of sowing of grass seed	Per ha	1 (9 Times)	6350	CONTROL PROPERTY OF THE PROPERTY OF THE	THE RESERVE OF THE PARTY OF THE	6	0063
2	support watering	Per time	I (9 times)	0350	30003	2,5400		0003
3	Upkeep of the 1 Ha. Area For Fencing Protection ETC	MD	150	404.58	6068	7	6	0687
4	Cost for seed collection (to be used for next year)	Kg	3	440	O	132	0	1320
	Sub Total for Third year		No. of the Particular State of		9209	9 3078	0 12	22879
4th yea			OR MINISTER BUILDING STATE					
1	Upkeep of the 1 Ha. Area For Fencing Protection ETC	MD	150	444.9	5 6674	3		66743
	Sub Total for 4th year				6674	3	0	66743
5th yea								
1	Upkeep of the 1 Ha. Area For Fencing Protection ETC	MD	150	489.3	7340	09		73409
	Sub Total for 5th year				7340	09	0	73409
6th yea								
1	Upkeep of the 1 Ha. Area For Fencing Protection ETC	MD	150	538.	33 807	49		80749
	Sub Total for 6th year				807	49	0	80749
7th ye								
1	Upkeep of the 1 Ha. Area For Fencing Protection ETC	MD	150	592.	16 888	24		8882
	Sub Total for 7th year				888	324	0	8882
mth ye								
1	Upkeep of the 1 Ha. Area For Fencing Protection ETC	MD	150	651	.38 977	707		9770
	Sub Total for 8th year				97	707	0	9770
9th ye								
1	Upkeep of the 1 Ha. Area For Fencing Protection ETC	MD	150	716	5.52 107	477		1074
	Sub Total for 9th year				107	477	0	1074
10th y	year							
1	Upkeep of the 1 Ha. Area For Fencing Protection ETC	MD	150	78	8.17 118	3225		1182
-	Sub Total for 10th year				118	3225	0	1182
	Total						5977	1600
2	20% supervision charges					3.1		320
	Grand total							1921