

ક્રમાંક:બ/જમન/ટે.૧૧/ ૧૨૬૩-૮૫ /૨૦૧૬-૧૭

નાયબ વન સંરક્ષકશ્રીની કચેરી,  
કચ્છ પશ્ચિમ વન વિભાગ,  
અરિહંત નગર રોડ, ભુજ-કચ્છ.  
તા: ૧૦/૦૫/૨૦૧૬.

પ્રતિ,

નાયબ વન સંરક્ષકશ્રી,

પાટણ વન વિભાગ,

પાટણ.

વિષય:- પ્રપોઝલ ફોર સીડીંગ પ્રાયોર એપ્રુવલ ફોર કન્સર્વેશન ચારણકા ડીસ્ટ્રી, પાટણ  
ડીસ્ટ્રી, ગરામડી ડીસ્ટ્રી, પર્સુદ ડીસ્ટ્રી એન્ડ ઘેર માઈનોર ઓફ ટેકિંગ ફ્રોમ કચ્છ બ્રાંચ  
કેનાલ.

પ્રપોઝલ નં. FP/GJ/IRRIG/૧૨૩૩૧/૨૦૧૫.

સંદર્ભ:- આપશ્રીના પત્રાંક:બ/એફસીએ/૫/૩-૪ તા:૦૧/૦૪/૨૦૧૬.

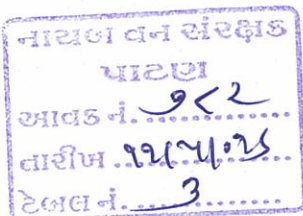
સવિનય ઉપરોક્ત વિષય અન્વયે જણાવવાનું કે સંદર્ભ પત્ર-૧ થી માંગ્યા મુજબની વન સંરક્ષણ  
ધારા-૧૯૮૦ અન્વયેની દરખાસ્તમાં કપાતમાં જતી વન જમીન સામે વળતર વનીકરણ માટે આપવાની  
થતી બિન જંગલ જમીન અત્રેના વિભાગ હેઠળ આવેલ મોજે:ભાયુંડાના સર્વે ૩૫૭ નંબર પૈકી કુલ ૯.૦૦  
હે. ની વળતર વનીકરણની સ્કીમ બનાવી તાંત્રિક મંજૂરી આપીને આ સાથે ૫(પાંચ) પ્રતમાં સામેલ  
રાખી મોકલવામાં આવે છે જેની જાણ થવા વિનંતી છે.

(એલ.જી.પરમાર.)

નાયબ વન સંરક્ષક,  
કચ્છ પશ્ચિમ વન વિભાગ, ભુજ.

નકલ સાદર રવાના:- અધિક અગ્ર મુખ્ય વન સંરક્ષકશ્રી, જમીન, ગુજરાત રાજ્ય, ગાંધીનગર તરફ  
ઉપરોક્ત બાબતે જાણ થવા વિનંતી સહ.

નકલ સાદર રવાના:- મુખ્ય વન સંરક્ષકશ્રી, કચ્છ વન વર્તુળ, ભુજ તરફ ઉપરોક્ત વળતર  
વનીકરણની તાંત્રિક મંજૂરી આપેલી સ્કીમની નકલ આ સાથે સામેલ  
રાખી સાદર કરવામાં આવે છે જે વિદિત થવા વિનંતી છે.



STATEMENT No. 15  
Scheme of Compensatory Afforestation

Detailed scheme of Compensatory Afforestation to be out in lieu of **9.00 ha.** of forest land to be diverted for Constructing of **Charanka Distry, Patanka Distry Garamadi Distry, Parsund Distry & their Minors offtaking from Kachchh Branch Canal.**

(1) Details of degraded forest land / **non-forest land.**

District-KACHCHH Village-Bhachunda

Taluka -Abdasa

Name of Forest Division Kachchh-Bhuj West , Range-Naliya(S)

Block / Compartment / Survey No. : 357/pt Bhachunda village

Area to be afforested- **9.00 ha**

(2) Description of Area.

Soil type Murmy

Topography :-Hilly/Plain/

Slope :-Steep/medium/gentle

Whether the area is bearing any root stock or Vegetation -Yes

(3) Name of Plantation Programme : Compansatory Afforestation -Specially Designed model for GIB Eco-Sensitive Zone attech with.

(4) Schedule of Plantation Programme :

The Compensatory/Afforestation on **non-forest** degraded forest land would be started by Dy.Conservator of Forest Normal Division Kachchh West as early as possible after the proposal is formally approved.

Details of Year wise break-up of requirement of fund is as under :

**Manday- Rs.278.30/-**

Year	Area	Rate/Ha.	Total Amount
0 Year	9.00	99836.00	898524
1st Year	9.00	53121.00	478089
2nd Year	9.00	6657.00	59913
3rd Year	9.00	7619.00	68571
4th Year	9.00	6979.00	62811
5th Year	9.00	7445.00	67005
6th Year	9.00	7910.00	71190
7th Year	9.00	8375.00	75375
8th Year	9.00	8840.00	79560
9th Year	9.00	9306.00	83754
10th Year	9.00	9771.00	87939
Total	9.00	<b>225859.00</b>	<b>2032731</b>
Add charj 20%	9.00	<b>45171.80</b>	<b>406546</b>
Grant Total	9.00	<b>271030.80</b>	<b>2439277.2</b>

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)



Statement No-15

Scheme of Compensatory Afforestation

Eco-Restoration Plan for wintering/foraging ground 9.00 hectare of Bhachunda Village  
(Wintering/foraging ground of GIB should have some Shrubland, Scrubland and Grassland)  
Division of 9.00 hectare of area

1. **Shrubland** : hectare (Plantation of *Salvadora sp.* 25% , *Zizyphus mauritiana* 25%,  
**Scrubland** : ha. *Capparis* 25%, *Euphorbia* 25%. at the distance of 10 ft x 10ft)
2. **Grassland** : hectare Short heighted grass like *Cymbopogon*, *cressa*, *lamp* will be raised.
3. **Open patch** : 9.00 hectare (In this patch, whatever natural growth is occurring should be left as it is but invasive species like *P. juliflora* etc. should be . removed regularly)  
**Type** : Water supply required for Shrubland, Scrubland. Grassland and Open patch can be maintained on rain.
- Design & technique**
  - 1.Thorough survey of the area will be conducted
  2. Flora & fauna of the area will be noted down
  - 3.Depending on the existing diversity/elevation/location; bustard friendly floral species will be selected
  - 4.Depending on the site, bustard friendly vegetation will be kept in as it is condition
- Species composition** :- *Cymbopogon sp.*, *Zizyphus sp.*, *Capparis sp.*, *Euphorbia sp.*, *Salvadora sp.*
- Area development**
  - 1.Removal of unwanted species like *P.juliflora* etc.
  - 2.Ploughing for grassland (max. 15 cm deep) will be done prior to monsoon
  - 3.For Shrubland/Scrubland saplings should be planted in the pit (1 cft) after the first rainfall. And if required fresh water should be supplied for a year to ensure the growth.
- Providing waterhole** :- One saucer-shaped waterhole having max depth of 1 ft at the centre will be made with cement.
- Seed sowing** :-Seed sowing will be done at the distance of 50cm x 50cm Protection :
  - 1.Erection of chain-link fencing along the area boundary will be done.
  - 2.Fence should be made in such a way that wild mammals can roam in, but, population and movements of feral dogs will be controlled.
- Planting** :Seed sowing will be done at the distance of 50 cm x 50 cm.
- Up keep of the area** : Newly germinated invasive species of weeds will be removed in the first year and after that at certain interval. Regular water supply to the newly planted saplings and waterhole will be ensured.

Date :- /05/2016

Place :- Bhuj

(L. J. Parmar)

Dy. Conservator of Forest  
Kutch-West Division Bhuj.

Technically sanctioned for Rs 291030.80 per/ha.

(Dy. Conservator of Forest)  
Kutch (West) Division Bhuj

### CheckList No :- 16

Land for constructing Charanka Distry, Patanka Distry, Garamadi Distry, Parsund Distry & their Minors offtaking from Kachchh Branch Canal.

#### Land Suitability Certificate

It is certified that an Identified area of 9.00 ha. Non forest land of Survey No.357/Pt of Village Bhachunda of Tuluka Abdasa, Dist.Kutch is suitable for afforestation and Management point of view. for constructing Charanka Distry, Patanka Distry, Garamadi Distry, Parsund Distry & their Minors offtaking from Kachchh Branch Canal.

Date :- /05/2016

Place :- Bhuj



(L.J.Parmar )

Dy.Conservator of Forest  
Kutch-West Division Bhuj



Annexure - II								
(Specially designed model for GIB )								
Compensatory Afforestation Model For Wintering Ground for Great Indian Bustard								
	Daily wages Rs.278.30							
Sr No	Item of Work	Unit	Qty	Unit rate (Rs.)	Labour (Rs.)	Material (Rs.)	Total	
1	2	3	4	5	6	7	8	
<u>1</u>	<u>0 Year</u>							
a	Uprooting of invasive species (P. juliflora etc)	Ha	1	4362	4362	0	4362	
b	Selective ploughing of the area having poor quality of grass growth (50% of the total area)	Ha	0.50		0	3475	3475	
c	Digging of pits size 30x30x30 cm at 5 x 5m shrub Plantation in 50% area	Ha	0.5 Ha. (200 nos)	479.8276	479.828	0	479.8276	
d	Raising of Nursery	Ha	1	1018	763	255	1018	
e	Chainlink fencing with Iron angle (70%)	Ha	56 rmt	1000/rmt	32570	48855	81426	*
	<b>Total (0 year)</b>				<b>38175.3</b>	<b>52585</b>	<b>90760</b>	
	<u>1st Year</u>							
a	Chainlink fencing with Iron angle (30%)	Ha	24 rmt	1000/rmt	13958	20938	34896.46	*
b	Maintenance of nursery	Ha	1	437	328	109	437	
c	Preperation of pellets of grass seeds including cost of seed, soil, manure, storage, packing and transportation				778	473	1251	
d	Sowing of grass seed pellets in ploughed area or in gaps just before monsoon				778	0	778	***
e	Planting of shrub (including transporting & 1 weeding soil working )	Ha	0.5 Ha. (200 nos)	2254.19	2181.22	72.92	2254.136	
f	Fire line			290.8955	290.896	0	290.896	
g	Protection / tending operation	Ha	1	3489.746	3489.75	0	3489.426	
h	Contingency				871.687	0	871.6868	
	<b>Total (1st year)</b>				<b>22675</b>	<b>21593</b>	<b>44268</b>	
	<u>2nd year</u>							
a	Preperation of pellets of grass seeds including cost of seed soil, manure, storage, packing and transportation				153	95	248	
b	Sowing of grass seed pellets in ploughed area or in gaps just before monsoon				153	0	153	
c	Causality replacement & 1 weeding soil working			941	941	0	941	**
d	Fire line	Rmt	100	290.8955	290.896	0	290.896	
e	Protection / tending operation	Ha	1	3488.746	3488.75	0	3488.746	
	<b>Total (2nd year)</b>				<b>5026</b>	<b>95</b>	<b>5121</b>	
	<u>3rd Year</u>							
a	1 weeding & soil working	Ha	1	788.7166	788.717	0	788.7166	
b	Fire line	Rmt	100	290.8955	290.896	0	290.8955	
c	Protection, maintenance of fencing/ tending operation	Ha	1	4362.432	4362.43	0	4362.3879	
	<b>Total (3rd year)</b>				<b>5442</b>	<b>0</b>	<b>5442</b>	
	<u>4th Year</u>							
a	Fire line	Rmt	100	291	291	0	291	
b	Protection, maintenance of fencing/tending operation	Ha	1	4362	4362	0	4362	
	<b>Total (4th year)</b>				<b>4653</b>	<b>0</b>	<b>4653</b>	

Note:

For the plantation a minimum of 25 ha. plot has to be taken up in a year

\*

As per actual RMT length of chainlink fencing & as per sanctioned Plan / Estimates.

\*\*


only 1 weeding / soil working at the end of monsoon season

\*\*\*

Grass species suitable to Great Indian Bustard habitat

Sr No	Item of Work	Unit	Qty	Unit rate (Rs.)	Labour (Rs.)	Material (Rs.)	Total	
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	
	<b>5th Year</b>							
a	Fire line	Rmt	100	291	291	0	291	
b	Protection, maintenance of fencing/ tending operation	Ha	1	4362	4362	0	4362	
	<b>Total (5th year)</b>				<b>4653</b>	<b>0</b>	<b>4653</b>	
	<b>6th Year</b>							
a	Fire line	Rmt	100	291	291	0	291	
b	Protection, maintenance of fencing/ tending operation	Ha	1	4362	4362	0	4362	
	<b>Total (6th Year)</b>				<b>4653</b>	<b>0</b>	<b>4653</b>	
	<b>7th Year</b>							
a	Fire line	Rmt	100	291	291	0	291	
b	Protection, maintenance of fencing/ tending operation	Ha	1	4362	4362	0	4362	
	<b>Total (7th year)</b>				<b>4653</b>	<b>0</b>	<b>4653</b>	
	<b>8th Year</b>							
a	Fire line	Rmt	100	291	291	0	291	
b	Protection, maintenance of fencing/ tending operation	Ha	1	4362	4362	0	4362	
	<b>Total (8th year)</b>				<b>4653</b>	<b>0</b>	<b>4653</b>	
	<b>9th Year</b>							
a	Fire line	Rmt	100	291	291	0	291	
b	Protection, maintenance of fencing/ tending operation	Ha	1	4362	4362	0	4362	
	<b>Total (9th Year)</b>				<b>4653</b>	<b>0</b>	<b>4653</b>	
	<b>10th Year</b>							
a	Fire line	Rmt	100	291	291	0	291	
b	Protection, maintenance of fencing/ tending operation	Ha	1	4362	4362	0	4362	
	<b>Total (10th Year)</b>				<b>4653</b>	<b>0</b>	<b>4653</b>	
	<b>Grand Total</b>				<b>103892</b>	<b>74273.27</b>	<b>178164.847</b>	

Date- -05-2016  
Place-Bhuj

  
**(L.J. Parmar)**  
 Dy. Conservator of Forests  
 Kachchh West Division, BHuj

New Scheme for KUTCH-GIB as per APecf Land Lettter No-jmn/31/B/4156-58/Dt-20-11-2013



# Rate Structure for Compensatory Afforestation for the Year 2015-16

Daily wages: Rs. 278.3

Sr. No.	SPECIAL KUTCH GIB MODEL	Rate/ha.	0 Year	1st Year	2nd Year	3rd Year	4th Year	5th Year	6th Year	7th Year	8th Year	9th Year	10th Year	Total	20% Add	Grand Total	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	14	15	16	17	18	19
1	KUCH GIB MODEL	A	Normal Rate	90760	44268	5121	5442	4653	4653	4653	4653	4653	4653	178164	35633	213796	Degraded non Forest areas
		B	Increase d by 10% / yr	99836	53121	6657	7619	6979	7445	7910	8375	8840	9306	225860	45172	271032	

Date: /05/2016  
Place Bhuj

  
(L. J. Parmar)

Dy. Conservator of Forest  
Kutch-West Division Bhuj.



**VILLAGE MAP**  
SNO NO : 357,  
VILLAGE: BHACHUNDA,  
TALUKA : ABDASA  
DISTRICT : KACHCHH

Itera

Kurethia

Tala Talav

Area = 8-02-44 HA  
SAY 9-00-00 HA

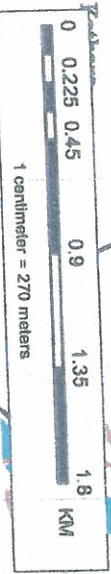
**GEOREF. MAP Village-MAP**  
**SHOWING LAND TRANSFER**  
**TO RES. FOREST DEPT. WITH**  
**Area = 9.00 HA of S.NO. 357**  
**OF VILL. BHACHUNDA TA. ABDASA.**  
Dhruv Nani

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**Legend**

- RAILWAY
- NATIONAL HIGHWAY
- STATE HIGHWAY
- DISTRICT ROAD
- VILLAGE ROAD
- DISTRICT BOUNDARY
- TALUKA BOUNDARY
- VILLAGE BOUNDARY
- REVENUE SNO
- RIVER / WATERBODY
- BUILTUP



Deputy Executive Engineer  
Kachchh Branch Office, Dn. No. 117-C  
Sardulpur.

Executive Engineer  
K.B.C. Division No. 117  
Radiapur

Nagor

Bitta

Bitiyari

Khursara (Kothara)

Prepared For:  
**SSNNL**

Prepared By:



Blaskaracharya Institute for Space Applications & Geo-informatics,  
Department Science & Technology,  
Government of Gujarat

Data Source :  
Indian Remote Sensing Satellite Data,  
Settlement Commissionerate & Land Records, GOG.  
**NOTE : MAP TO BE VARIFIED ON FIELD.**