



નાયબ વન સંરક્ષકશ્રીની કચેરી, ભાવનગર વન વિભાગ, ભાવનગર

બહુમાળી ભવન એનેક્ષી બિલ્ડીંગ, એફ-૯/૧૦, ભાવનગર ફોન નં. ૦૨૭૮-૨૪૨૮૬૪૪

સત્યમેવ જયતે

Email :forestnormalbvnd@gmail.com

ક્રમાંક:- અ/જમન/ટે-૧૧/ ૯૭૩ /૨૦૨૩-૨૪

તા:- ૨૪ / ૦૪ / ૨૦૨૩

પ્રતિ,

મુખ્ય વન સંરક્ષકશ્રી,

જુનાગઢ વન વર્તુળ,

જુનાગઢ

વિષય:- Proposal for Diversion of 598.2427 Ha. Forest land for methala Bandhara Irrigation Project near Village Methala in Talaja Taluka in Bhavnagar District of Gujarat State.
Online Proposal No.FP/GJ/IRRIG/44298/2020 Reg.

સંદર્ભ: (૧) અધિક અગ્ર મુખ્ય વન સંરક્ષકશ્રી, ગુજરાત રાજ્ય, ગાંધીનગરના

પત્રાંક:- FCA/૨૯/સી/બ/૫૭૬૦-૬૧, તા.૨૭/૧૨/૨૦૨૧

(૨) અત્રેના પત્રાંક:-અ/જમન/ટે.૧૧/૧૫૧-૫૨, તા.૦૭/૦૫/૨૦૨૨

(૩) અત્રેના પત્રાંક:- અ/જમન/ટે.૧૧/૩૨૦, તા.૦૮/૦૬/૨૦૨૨

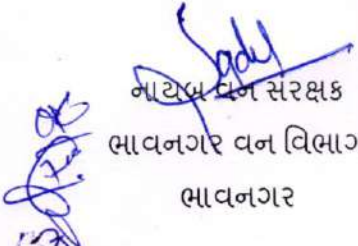
(૪) આપના પત્રાંક:- અ/જમન/૬૮૪/ટે.૧૨/૧૮૫૯, તા.૧૭/૦૬/૨૦૨૨

સાદર ઉપરોક્ત વિષય અને સંદર્ભપત્ર અન્વયે જણાવવાનું કે, સંદર્ભ-૧ વાળા પત્રથી ઉક્ત વિષયવાળી દરખાસ્તમાં અધુરાશ હોય પુર્તતા માંગવામાં આવેલ. જેના અનુસંધાને સંદર્ભ-૨ અને ૩ વાળા પત્રથી પુર્તતા સાદર કરવામાં આવેલ હતી. અત્રેથી કરવામાં આવેલ સદરહું પુર્તતા અન્વયે સંદર્ભ-૪ વાળા પત્રથી લેન્ડ સ્યુટેબ્લીટી સર્ટિફિકેટની પુર્તતા માંગવામાં આવેલ છે.

ઉક્ત બાબતે જણાવવાનું કે, યુઝર એજન્સી દ્વારા મોજે.મોણપુર, તા.વલ્લભીપુર ના સર્વે નં-૫૧૫ પૈકી ૫૯૮.૨૪૨૭ હેક્ટર જમીન વળતર વનીકરણ માટે આપવામાં આવેલ છે. સદરહું જમીનમાં દબાણ હોઈ નવેસરથી માપણી કરાવવામાં આવેલ છે. માપણી મુજબ નવા વિસ્તારમાં કુલ-૨,૭૭,૭૫૦ રોપાનું વાવેતર થઈ શકે તેમ છે. ભારત સરકારશ્રીની ૨૦૧૯ ની ગાઈડલાઈનના પેરા નં-૨.૮(ી) મુજબ બાકીના રોપાનું વાવેતર ડિગ્રેડેડ ફોરેસ્ટ એરીયામાં કરવામાં આવશે. એનેક્ષર-૧૮, ૧૯, ૨૦ અને ૨૧ તૈયાર કરી આ સાથે સામેલ રાખી સાદર કરવામાં આવે છે.

વિષેશમાં જણાવવાનું કે, મોજે.મોણપુરની જમીન કાળીયાર રાષ્ટ્રીય ઉદ્યાન, વેળાવદરના હસ્તકના મોજે.મેવાસાના જંગલ વિસ્તારને અડીને આવેલ છે. આ નોન ફોરેસ્ટ લેન્ડમાં શેડ્યુલ-૧ ના વન્યપ્રાણીઓ કાળીયાર, અને નારના રહેઠાણો આવેલ છે. આમ મોજે.મોણપુરની બિન જંગલ જમીન વન્યજીવો માટે ખુબ જ અનુકુળ છે. તેમજ આ વિસ્તારમાં ૨,૭૭,૭૫૦ રોપાનું વાવેતર પણ કરી શકાય તેમ છે. જે વિદિત થવા વિનંતી છે.

બિડાણ:- ઉપર મુજબ


નાયબ વન સંરક્ષક
ભાવનગર વન વિભાગ
ભાવનગર

Sub :- Proposal for Diversion of 598.2427 Ha. Forest land for methala Bandhara Irrigation Project near Village Methala in Talaja Taluka in Bhavnagar District of Gujarat State. (FP/GJ/IRRIG/44298/2020)

Annexure-18

Details of non-forest land/degraded forest area identified for compensatory afforestation viz., Survey No./Compartment No./Khasra No./Khatoni No., Village, Tehsil, District etc. along with map in appropriate scale showing the boundries of adjoining forest areas with their use in distinct colours and GPS readings.

Detail of Non Forest land for compensatory afforestation

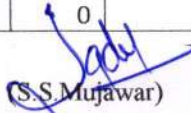
No	District	Taluka	Village	S.No.	Area (in Ha) Brack up.
1	Bhavnagar	Vallbhipur	Monpur	515 Pt	598.2427
Total					598.2427

Detail of Degraded Forest area for compensatory afforestation

Sr	District	Taluka	Range	Village	Survey No	Working Circle	Area (Ha.)	Coupe No	Perimeter for Fencing
1	Botad	Gadhada	Vallabhipur	Limbadiya	82	Degraded Area IMP. WC.	30.00	3	4564.00
2	Botad	Gadhada	Vallabhipur	Limbadiya	85	Degraded Area IMP. WC.	20.00	4	2243.00
3	Botad	Gadhada	Vallabhipur	Rasnal	276 Pt	Degraded Area IMP. WC.	20.00	1	3600.00
4	Botad	Gadhada	Vallabhipur	Rasnal	276 Pt	Degraded Area IMP. WC.	20.00	2	2867.00
5	Botad	Gadhada	Vallabhipur	Padapan	50	Protection Cum IMP. WC.	15.00	3	1820.00
6	Botad	Gadhada	Vallabhipur	Gordaka	119	Degraded Area IMP. WC.	25.00	4	3262.00
7	Bhavnagar	Vallabhipur	Vallabhipur	Patna (Bhal)	294 Pt	Protection Cum IMP. WC.	45.00	2	2795.00
8	Bhavnagar	Vallabhipur	Vallabhipur	Patna (Bhal)	295 Pt	Protection Cum IMP. WC.	30.00	1	3259.00
9	Bhavnagar	Vallabhipur	Vallabhipur	Patna (Bhal)	294 Pt	Protection Cum IMP. WC.	35.00	5	2554.00

Sr	District	Taluka	Range	Village	Survey No	Working Circle	Area (Ha.)	Coupe No	Perimeter for Fencing
10	Bhavnagar	Vallabhipur	Vallabhipur	Panvi	165 & 178	Protection Cum IMP. WC.	20.00	6	2902.00
11	Bhavnagar	Vallabhipur	Vallabhipur	Panvi	178	Protection Cum IMP. WC.	10.00	5	1611.00
12	Bhavnagar	Gariyadhar	Palitana	Manpur	149 Pt	Degraded Area IMP. WC.	29.00	3	2680.00
13	Bhavnagar	Shihor	Shihor	Chorvadla	60	Protection Cum IMP. WC.	50.00	4,5,6 & 7	6863.00
Total (Ha.)							349.00		41020.00

Place : Bhavnagar

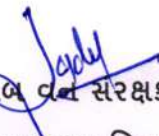

 (S.S. Mujawar)
 Dy. Conservator of forests
 Bhavnagar Forest Division
 Bhavnagar
 24/04/2023

Sub :- Proposal for Diversion of 598.2427 Ha. Forest land for methala Bandhara Irrigation Project near Village Methala in Talaja Taluka in Bhavnagar District of Gujarat State. (FP/GJ/IRRIG/44298/2020)

પ્રમાણપત્ર

આથી પ્રમાણપત્ર આપવામાં આવે છે કે, ડાયવર્ઝન ઓફ પલ્ટ.૨૪૨૭ ની દરખાસ્ત સામે વળતર વનીકરણ માટે સુચવેલ નીચે વિગતેના ડિગ્રેડેડ વિસ્તાર માં છેલ્લા પાંચ વર્ષમાં અન્ય કોઈ યોજના હેઠળ વાવેતર લેવામાં આવેલ નથી.

Sr.	District	Taluka	Range	Village	Survey No	Working Circle	Area (Ha.)	Coupe No
1	Botad	Gadhada	Vallabhipur	Limbadiya	82	Degraded Area IMP. WC.	30.00	3
2	Botad	Gadhada	Vallabhipur	Limbadiya	85	Degraded Area IMP. WC.	20.00	4
3	Botad	Gadhada	Vallabhipur	Rasnal	276 Pt	Degraded Area IMP. WC.	20.00	1
4	Botad	Gadhada	Vallabhipur	Rasnal	276 Pt	Degraded Area IMP. WC.	20.00	2
5	Botad	Gadhada	Vallabhipur	Padapan	50	Protection Cum IMP. WC.	15.00	3
6	Botad	Gadhada	Vallabhipur	Gordaka	119	Degraded Area IMP. WC.	25.00	4
7	Bhavnagar	Vallabhipur	Vallabhipur	Patna (Bhal)	294 Pt	Protection Cum IMP. WC.	45.00	2
8	Bhavnagar	Vallabhipur	Vallabhipur	Patna (Bhal)	295 Pt	Protection Cum IMP. WC.	30.00	1
9	Bhavnagar	Vallabhipur	Vallabhipur	Patna (Bhal)	294 Pt	Protection Cum IMP. WC.	35.00	5
10	Bhavnagar	Vallabhipur	Vallabhipur	Panvi	165 & 178	Protection Cum IMP. WC.	20.00	6
11	Bhavnagar	Vallabhipur	Vallabhipur	Panvi	178	Protection Cum IMP. WC.	10.00	5
12	Bhavnagar	Gariyadhar	Palitana	Manpur	149 Pt	Degraded Area IMP. WC.	29.00	3
13	Bhavnagar	Shihor	Shihor	Chorvadla	60	Protection Cum IMP. WC.	50.00	4,5,6 & 7
Total (Ha.)							349.00	


 નાયબ વન સંરક્ષક
 ભાવનગર વન વિભાગ

ભાવનગર
 24/04/23

ગામ નમૂનો નંબર ૭

બ્લોક/ સરવે નંબર: ૫૧૫ પૈકી ૧
સત્તા પ્રકાર: સરકારી પડતર
ખેતરનું નામ:
અન્ય વિગતો:

ગામ/ મોજે: મોણપુર
તાલુકો: વલ્લભીપુર
જિલ્લો: ભાવનગર

લાયક જમીન	ક્ષેત્રફળ હે. આરે. ચો.મી.	ખાતા નંબર/ ક્ષેત્રફળ/ આકાર હે. આરે. ચો.મી.	નોંધ નંબરો અને કબજેદારો ના નામ
પો.ખ. અ	૮૦૨-૫૦-૪૨		૪૧૮,૫૬૮૦,
કુલ ક્ષેત્રફળ આકાર રૂ.	૮૦૨-૫૦-૪૨ ૦.૦૦	૩૫૨ ૮૦૨-૫૦-૪૨ ૦.૦૦	સરકારી બીન આકરી પડતર(૧૩૬૧)
જુડી તથા વિષેશધારો રૂ	૦.૦૦		
પાણીભાગ રૂ.	૦.૦૦		
ગણોતિયાની વિગતો	બીજા હકો અને બોજાની વિગતો		
	<p>શ્રી કલે. સા. ભાવ.ના હુકમ નં.જમીન-૪/તબદીલ/૭૮૮૨/૨૦૨૦ તા.૧૯/૦૩/૨૦૨૦ થી હુકમ કરી વળતર વનીકરણના હેતુ માટે ગુજરાત સરકારશ્રીના<૫૬૮૦></p> <p>"વન અને પર્યાવરણ વિભાગ - હસ્તે નાયબ વન સંરક્ષકશ્રી, ભાવનગર વન વિભાગ, ભાવનગર" ના નામે તબદીલ કરવા હુકમ કરતા<૫૬૮૦></p>		

(Sadik S. Mujawar)
Deputy Conservator of Forests
Bhavnagar Forest Division
Bhavnagar

24/04/23



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DS REVENUE DEPARTMENT
GOVERNMENT OF GUJARAT
Date: 12-12-2022 15:23:16 IST
MAMLATDAR OFFICE, VALLABHIPUR



ગામ નમૂનો નંબર ૧૨

બ્લોક/ સરવે નંબર: ૫૧૫ પૈકી ૧
કુલ ક્ષેત્રફળ (હે. આરે. ચો.મી.): ૮૦૨-૫૦-૪૨

ગામ/ મોજે: મોણપુર
તાલુકો: વલ્લભીપુર
જિલ્લો: ભાવનગર

હાલના ખાતેદારોના નામ (ખાતા નંબર):

સરકારી બીન આકરી પડતર (૩૫૨)

પાકની વિગતો:

વર્ષ	મોસમ	પાકનું નામ	પાકનો વિસ્તાર હે. આરે. ચો.મી.	સિંચાઈનો સ્ત્રોત અને સિંચાઈનું સાધન	વૃક્ષો પોતાના અને સરકારી	શેરો
૨૦૧૯-૨૦૨૦	ખરીફ	પડતર	૧૪૦૦-૭૪-૬૯-૫	----/----		
૨૦૨૦-૨૦૨૧	ખરીફ	પડતર	૧૪૦૦-૭૪-૬૯-૫	----/----		
૨૦૨૧-૨૦૨૨	ખરીફ	પડતર	૧૪૦૦-૭૪-૬૯-૫	----/----		

(Sadik S. Mujawar)
Deputy Conservator of Forests
Bhavnagar Forest Division
Bhavnagar
24/4/23



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GOVERNMENT OF GUJARAT
Date: 12-12-2022 15:19:35 IST
MAMLATDAR OFFICE, VALLABHIPUR



ગામ નમૂનો નંબર ૮-અ (જમીનની ખાતાવહી)

ગામ/ મોજે: મોણપુર જિલ્લો: ભાવનગર
ખાતા નંબર: ૩૫૨ તાલુકો: વલ્લભીપુર

કબ્જેદારોના નામ:

સરકારી બીન આકરી પડતર<૧૩૬૧>

નમૂના ક નો નોંધ નંબર	બ્લોક/ સરવે નંબર તથા હિસ્સો	ક્ષેત્રફળ હે.-આરે.-ચો.મી.	આકાર જુડી બી. ખે. વિ.	લોકલ સેસ	શિક્ષણ ઉપ-કર	અન્ય કર	અન્ય વિગત
૧૦૫૮	૨૦૪ પૈકી ૮	૭-૨૮-૪૪	૦.૦૦				સરકારી પડતર
૧૩૬૧	૨૦૪ પૈકી ૯	૧-૬૧-૮૮	૦.૦૦				સરકારી પડતર
૧૩૬૧	૨૦૪ પૈકી ૧૦	૩-૨૩-૭૫	૦.૦૦				સરકારી પડતર
૩૩૩૯	૨૦૪ પૈકી ૧/ પૈકી ૧	૯૭-૪૬-૮૮	૦.૦૦				સરકારી પડતર
૩૪૭૮	૨૮૩ પૈકી ૧	૧-૬૧-૮૮	૦.૦૦				વાંધા કોતર
૧૩૬૧	૩૮૩ પૈકી ૧	૪-૮૫-૬૩	૦.૦૦				સરકારી પડતર
૧૩૬૧	૩૮૩ પૈકી ૨	૪૧-૩૯-૯૬	૦.૦૦				સરકારી પડતર
૧૩૬૧	૩૮૩ પૈકી ૩	૪-૮૫-૬૩	૦.૦૦				સરકારી પડતર
૧૩૬૧	૩૮૩ પૈકી ૫	૪-૮૫-૬૩	૦.૦૦				સરકારી પડતર
૧૩૬૧	૮૦૮	૧-૧૯-૩૮	૦.૦૦				સરકારી પડતર
૫૬૮૦	૫૧૫ પૈકી ૧	૮૦૨-૫૦-૪૨	૦.૦૦				સરકારી પડતર
કુલ	(૧૧)	૯૭૦-૮૯-૪૮	૦				

(Sadik S. Mijawar)
Deputy Conservator of Forests
Bhavnagar Forest Division
Bhavnagar
24/4/23



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DS REVENUE DEPARTMENT
GOVERNMENT OF GUJARAT
Date: 12-12-2022 15:22:49 IST
MAMLATDAR OFFICE, VALLABHIPUR

ગામ નમૂનો નંબર ૬ (૬૬ પત્રક)

જિલ્લો: ભાવનગર

તાલુકો: વલ્લભીપુર

મોજ: મોણપુર

નોંધ નંબર
૩૫૨

ચકાસણી તા.
24/02/2017
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સ્થિતિએ

૩૫૨	સા. ૧૧-૫૬ સિદ્ધીકાંઠા પુસ્તકીયા: મુખીશરિર ઓડીસાલ - મોજુલર સાત આની સાગના પા.પ.૧૩૩ ૨૪૩ આકા. વાલનગર પમુલા તાલુકા સંલવલલેલ કમુલ-સનસાલ નાલેલ આલલેલ નેની મુલલ સાંલે કાલેલે લેલે ગામની મુખીશરિર મલકે મલલલેલ મુખીશરિર લલે મુખીશરિર ઓડીસાલ મલકે વાલ આલેલે લેલે વાલસાલ મુખીશરિર સા. ૩-૨૫૨ ડાની કાલેલ વાલ લેલે વલલે પુમ મોજુલર વાલસાલ સા. ૧-૧૩૪૨ મુખી શરિર લેલે વલલેલ પુમ મોજુલર મોજુલર લેલે વલલેલ મુખીશરિર વાલ લેલેલ મુખી મુખીશરિર ઓડીસાલ મુખીશરિર N. વલલે ૩૫૫૨ મુખીશરિર વાલસાલ આ નોંધ કલેલેલે વલલેલેલે મુખીશરિર મલકેલેલે	સિદ્ધીકાંઠા સાગના પા.પ.૧૩૩ ૧૩૩૦	મુખીશરિર ૬૫ ૬૬	૨૦ ૨૧ ૨૨ ૨૩ ૨૪ ૨૫ ૨૬ ૨૭ ૨૮ ૨૯ ૩૦
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Bhavnagar
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GOVERNMENT OF GUJARAT
Date: 12-12-2022 15:18:55 IST
MAMLATDAR OFFICE, VALLABHIPUR

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Map For CA

Village:- Chorvadla
Range:- PShihor
Coupe:- 4, 5, 6, 7

021.675562° 71.788464°

021.683165° 71.806186°

021.682241° 71.807950°

021.674127° 71.790943°

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Bhavnagar

24/04/23

Google Earth

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800 m





022.032877° 71.600070°
 022.033386° 71.602880°
 022.035151° 71.608306°
 022.035665° 71.612238°
 022.032916° 71.611630°
 022.029875° 71.607403°
 022.032155° 71.607545°

Map For CA
 Village:- Goradka
 Range:- Vallbhipur
 Coupe:- 4

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 Bhavnagar Forest Division
 Bhavnagar
 24/04/23

Google Earth
 Image © 2023 CNES / Airbus

Map For CA

Village:- Limbadiya
Range:- Vallbhipur
Coupe:- 3

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Bhavnagar
24/04/23

021.907559° 71.448689°

021.903627° 71.451666°

021.901392° 71.453891°

021.901868° 71.451200°

021.902401° 71.448670°

021.899402° 71.451249°

021.899912° 71.452246°

021.900638° 71.449466°

021.897760° 71.450684°

021.894810° 71.451945°

021.896797° 71.447493°



500 m



Map For CA

Village:- Panvi
Range:- Vallbhipur
Coupe:- 5

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Deputy Conservator of Forests
Bhavnagar Forest Division
Bhavnagar

24/4/23

Google Earth

Image © 2023 Google

Map For CA

Village:- Padapan
Range:- Vallbhipur
Coupe:- 3



021.846291° 71.501831°

021.845063° 71.499911°

021.846419° 71.505641°

021.843457° 71.499865°

021.844485° 71.505653°

021.842243° 71.500643°

300 m

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Deputy Conservator of Forests
Bhavnagar Forest Division
Bhavnagar
24/9/23

Google Earth
Imagery © 2023 Earthstar Labs

Map For CA

Village:- Manpur
Range:- Palitana
Coupe:- 3

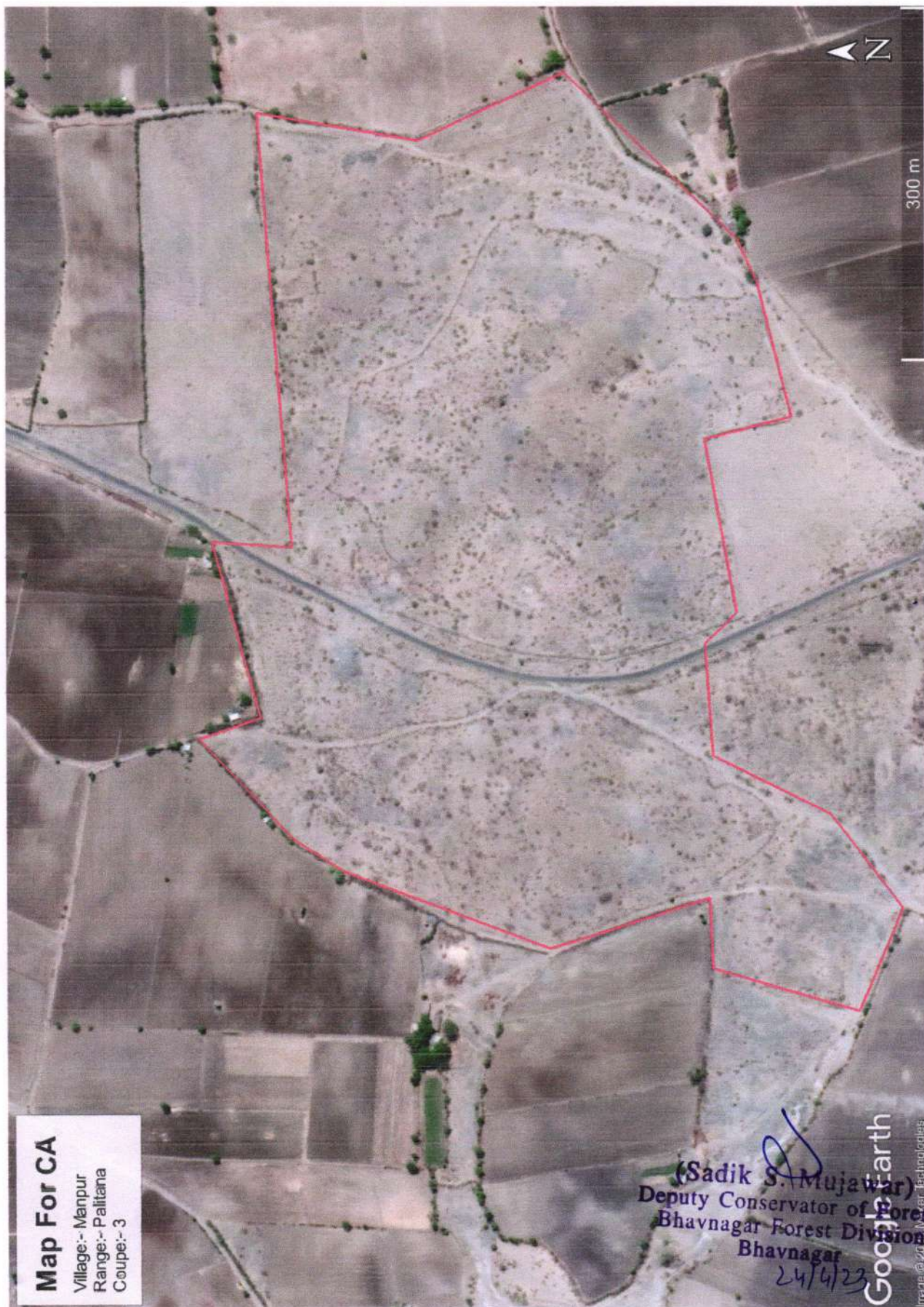
(Sadik S. Mujawar)
Deputy Conservator of Forests
Bhavnagar Forest Division
Bhavnagar

24/4/23

Google Earth

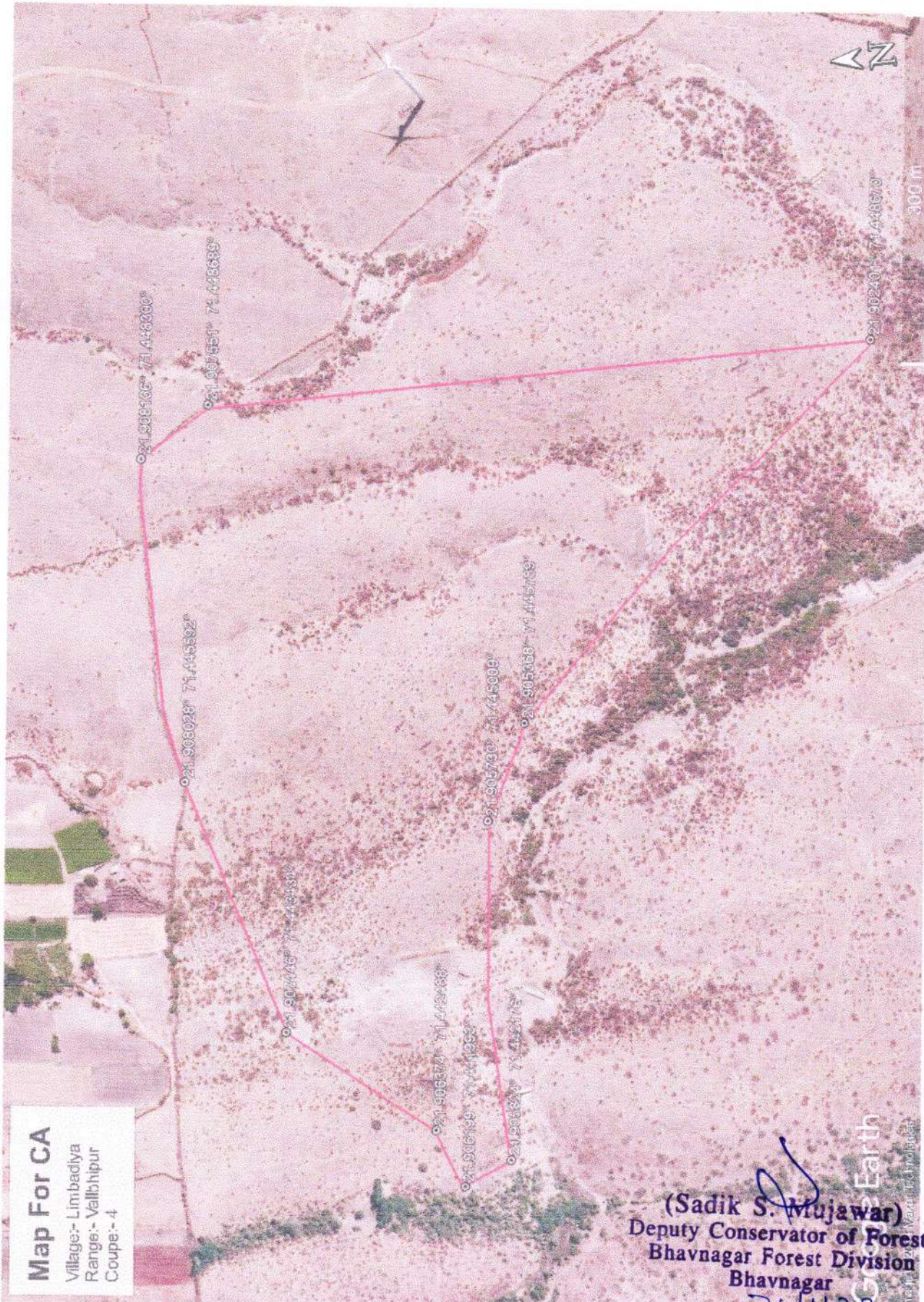
Image © 2020 Google, Imagery © 2020

300 m



Map For CA

Village:- Limbadiya
Range:- Vallbhipur
Coupe:- 4



(Sadik S. Mujawar)
Deputy Conservator of Forests
Bhavnagar Forest Division
Bhavnagar

24/4/23



Map For CA
Village:- Panvi
Range:- Vallhipur
Coupe:- 6

022.067218° 71.900266°
022.065735° 71.902171°
022.064155° 71.897731°
022.061804° 71.895844°
022.061515° 71.898645°
022.061065° 71.896697°
022.059023° 71.896486°

400 m

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Bhavnagar Forest Division
Bhavnagar
24/4/23

Google Earth
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Map For CA

Village:- Rasnal
Range:- Vallbhipur
Coupe:- 2

Kalushar

RAMESHWAR MAHADEV

Rasnal Paddan Rd



300 m

021 839968 71 486454

021 835665 71 486995

021 836595 71 481664

021 838973 71 479172

021 835414 71 478993

DR. RATHOD PARIVAR NA

(Sadik S. Mujawar)

Deputy Conservator of Forests

Bhavnagar Forest Division

Bhavnagar

29/4/23

Save Earth

www.earthsave.com

Map For CA

Village:- Rasnal
Range:- Vallbhipur
Coupe:- 1



921.838810° 71.472074°

921.837255° 71.471856°

921.845015° 71.460222°

921.844195° 71.458286°

(Sadik S. Anjwar)
Deputy Conservator of Forests
Bhavnagar Forest Division
Bhavnagar

24/9/23

Google Earth

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500 m



Map For CA
Village:- Patna Bhal
Range:- Vallbhipur
Coupe:- 5

022.053123° 71.929379°

022.063438° 71.922745°

022.048511° 71.922537°

022.047221° 71.928921°



400 m

(Sadik S. Mulawar)
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Bhavnagar

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Google Earth

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Map For CA
Village:- Patna Bhal
Range:- Vallbhipur
Coupe:- 2

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Google Earth
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Map For CA

Village:- Patna Bhal
Range:- Vallhipur
Coupe:- 1

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Google Earth

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Compensary Afforestation Scheme for Non Forest Land (Model-3)

Sub :- Proposal for Diversion of 598.2427 Ha. Forest land for methala Bandhara Irrigation Project near Village Methala in Talaja Taluka in Bhavnagar District of Gujarat State. (FP/GJ/IRRIG/44298/2020)

Detailed scheme of Compensatory Afforestation for Non Forest Land 250 ha. to be carried out in lieu of 598.2427 ha. of forest land to be diverted in Bhavnagar district.

1. Details of Non Forest land:- 598.2427 hectares of land has been transfer to forest department for compensatory afforestation. 2,77,750 plants are to be planted in this land. At the rate of 1111 saplings per hectare, it becomes 250 hectares.

District	Taluka	Range	Village	Survey No.	Area
Bhavnagar	Vallbhipur	Vallabhipur	Monpur	515 Pt 1	250.00
Total					250.00

2. Description of Area:-

Soil type	Alluvial saline soil
Topography	Plain
Slope	Gentle
Whether the area is bearing any root stock of Vegetation	Most of the area is Degreeded

3. Name of Plantation Programme:-

Compensatory Afforestation Scheme for Non Forest land.

4. Schedule of Plantation Programme:-

(i)	The Compensatory Afforestation on Non Forest land would be started by Dy.Conservator of Forests, Bhavnagar as early as possible after the proposal is formally approved.
(ii)	Compensatory Afforestation will be done in 250 ha. area. The total afforestation cost will be about Rs. 155250500/- Executive Engineer, Salinity Control Division, Bhavnagar 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	Specifications
a	General Details	The C.A. will be taken under Compensatory Afforestation for Non Forest land. The prevailing wage rate is 441 per day.
b	Spacement	3 X 3 mtr., 1111 plants per ha.

(Sadik S. Mujawar)
Deputy Conservator of Forests
Bhavnagar Forest Division
Bhavnagar

Sr. No.	Details	Specifications		
c	Species to be planted (No. of plants per ha.)	Desi Bavala	711	65 cm
		Pilu	400	65 cm
		-	-	-
		-	-	-
		-	-	-
		-	-	0
		-	-	0
		Total	1111	
d	Nursery Technique	Nine months old polypot raised plants will be planted at the onset of monsoon if possible. or Nine to twelve months old polypot raised plants will be planted at the during of monsoon season.		
e	Site Preparation	The malformed rootstock present in the area will be cutback & the site will be cleaned in the month of Nov-Dec. Alignment & pit digging 45 x 45 x 45 cms. will be carried out in the month of Dec-Jan.		
f	Plantation Method	Polypot raised plants will be planted during monsoon.		
g	Soil & Moisture Conservation Works	(i) Pucca structure like Check dam, check wall, retaining wall		
		(ii) Contour trenches 2.00 x 0.45 x 0.30, 300 Nos/ha. will be dug along the contour line. the dug out soil will be heaped on the down ward side. Gully plugging & Nala Banding using The loose stone available in the area will be carried out as per requirement. Seeds of Acacia and thorny Etc. will be planted during monsoon in the upper side of nala as per suitability.		
h	Protection Trench	Barbed wire fencing, Seed sowing And planting of cuttings of thorny Spp. along the fence.		
i	Silvicultural Operations	1 st year three weeding soil working, Support watering will be provided if needed.		
		2 nd year two weeding soil working.		
		3 rd year one weeding soil working.		
j	Maintenance	It is proposed to maintain the Plantation up to ten years.		
k	Subsequent silvicultural Operation	Cleaning, thinning etc. (as per species specific requirement) will be carried out at the age as per prescribed in the working plan.		

Sr. No.	Details	Specifications
l	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%
		(iii) The results of survival etc. are maintained in the plantation register on a periodical basis, which is updated at the end of September and March each year.
		(iv) The collar girth is also to be reordered at the end of each year.
m	Regeneration cleaning	(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 4 th 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.
n	Silviculture & other activities	promotion of root suckers.
		Only afforestation aimed plantation will be taken up, as the area falls under Non forest land.


 (S.S. Mujawar)
 Dy. Conservator of Forests
 Bhavnagar Forest Division
 Bhavnagar
 24/4/23

The Compensatory Afforestation scheme at the cost of Rs. 155250500/- is technically and administrative approved by the undersigned

Sub :- Proposal for Diversion of 598,2427 Ha. Forest land for methala Bandhara Irrigation Project near Village Methala in Talaja Taluka in Bhavnagar District of Gujarat State. (FP/GJ/IRRIG/44298/2020)

Daily wages Rs. 441.00

Spacemnts = 3 m x 3 m				
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
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)	1222	0	2601	2601
(b) labour : Preparation of beds, filling and arranging of bags,showing of seeds, watering shifting, weeding etc.	1222	6362	329	6691
(c) Seedling cost for casuality replacement in one year old (20%)	222	2009	601	2611
(d) Seedling cost for casuality replacement in two year old (10%)	111	1007	300	1306
Total		9378	3832	13209
2. Area Development (Land Preparation)				
(a) Survey, cutback and promotion of root suckers		4781	0	4781
(b) Aligment and digging of pits 0.45 X 0.45 X 0.45	1111@ 10.01	13804	0	13804
Total		18585	0	18585
(a) Natural fertilizer (Neem cake/ Castor cake)	1111 @ 10.21	0	14080	14080
Total		0	14080	14080
3. SMC Works				
(a) Check wall/ retaining wall /checkdem (all pucca only)	L.S.	16981	33709	50690
(b) Contour trench 2 M x 45 Cm x 30 Cm as per Rs.17.00/rmt (300 trench)	600 rmt.	12926	0	12926
Total		29907	33709	63616
4. Protection				
(a) Barbed wire fencing	Rmt. 160	6400	57600	64000
(b) Seed sowing and planting of cuttings of Ipomea/ Glaricidia along the fence		1576	677	2253

Total		7976	58277	66253
Sub Total of 0 year		65845	109898	175743
1st Year				
(a) Maintenance of nursery (April to June)	1222	4880	486	5366
(b) Transport of seedling for plantation	1111	2677	553	3230
(c) Planting with khamna of Min 1 m dia	1111	8228	0	8228
(d) Transport of seedling for casualty replacement	111	286	65	350
(e) 3 weeding cum soil working	1111	32073	0	32073
(f) Support watering 5 times @ 3.25		20502	29418	49920
(g) Protection / tending operation		6636	0	6636
(h) Tending to natural vegetation		1659	0	1659
(i) Contingency		0	1659	1659
Total for 1st year		76940	32181	109121
2nd Year				
(a) 2 weeding & soil working		17813	0	17813
(b) 20 % Casually replcement, transport and planting	111+111	300	1491	1790
(c) Natural fertilizer (neem cake / caster cake) etc.	Rs.12/ plant	0	16640	16640
(d) Support watering 3 times @ 3.25		13322	19122	32444
(e) Protection / tending operation		7189	0	7189
Total for 2nd year		38623	37252	75876
3rd Year				
(a) 2 weeding & soil working		19184	0	19184
(b) 10 % Casually replcement, transport and planting	111	161	804	965
(c) Natural fertilizer, neem cake etc.	Rs.13/ plant	0	17919	17919
(d) Support watering 1 times @ 3.25		4783	6864	11647
(e) Protection & maintenance of fencing / tending operation	L.S.	9677	0	9677
Total for 3rd year		33805	25587	59392
4thYear				
(a) 1 weeding & soil working		10276	0	10276
(b) Protection & Maintenance of fencing/ Tending operation	L.S.	10368	0	10368
Total for 4th year		20645	0	20645
5thYear				
Protection & maintenance of fencing/ tending operation	L.S.	11060	0	11060
Total for 5th year		11060	0	11060
6thYear				
Protection & maintenance of fencing/ tending operation	L.S.	11751	0	11751
Total for 6th year		11751	0	11751

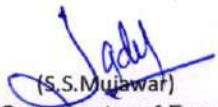
7thYear				
Protection & maintenance of fencing/ tending operation	L.S.	12442	0	12442
Total for 7th year		12442	0	12442
8thYear				
Protection & maintenance of fencing/ tending operation	L.S.	13133	0	13133
Total for 8th year		13133	0	13133
9thYear				
Protection & maintenance of fencing/ tending operation	L.S.	13824	0	13824
Total for 9th year		13824	0	13824
10thYear				
Protection & maintenance of fencing/ tending operation	L.S.	14516	0	14516
Total for 10th year		14516	0	14516
SUB TOTAL :		312584	204918	517502
The Cost of Supervision/subsequential silvicultural Operations	20%	62517	40984	103500
		375101	245902	621002

Note :-

- (1) Seed sowing along fencing towards the inner side, and also in the plot.
- (2) Planting of cutting of ipomea//Glarcidia along the fencing towards outer side.

Compensatory afforestation will be done in 1.00 ha. Area.

1 Ha cost, Rs. 621002 X 250 Ha. = Total Cost Rs. :15250500/-


 (S.S. Mujawar)
 Dy. Conservator of Forests
 Bhavnagar Forest Division
 Bhavnagar
 24/4/23

Compensary Afforestation Scheme for double degraded area (Model-3)

Sub :- Proposal for Diversion of 598.2427 Ha. Forest land for methala Bandhara Irrigation Project near Village Methala in Talaja Taluka in Bhavnagar District of Gujarat State. (FP/GJ/IRRIG/44298/2020)

Detailed scheme of Compensatory Afforestation for degraded area 349 ha. to be carried out in lieu of 598.2427 ha. of forest land to be diverted in Bhavnagar district.

1. Details of degraded land:-

District	Taluka	Range	Village	Survey No.	Area
Botad	Gadhada	Vallabhipur	Limbadiya	82	30.00
Botad	Gadhada	Vallabhipur	Limbadiya	85	20.00
Botad	Gadhada	Vallabhipur	Rasnal	276 Pt	20.00
Botad	Gadhada	Vallabhipur	Rasnal	276 Pt	20.00
Botad	Gadhada	Vallabhipur	Padapan	50	15.00
Botad	Gadhada	Vallabhipur	Gordaka	119	25.00
Bhavnagar	Vallabhipur	Vallabhipur	Patna (Bhal)	294 Pt	45.00
Bhavnagar	Vallabhipur	Vallabhipur	Patna (Bhal)	295 Pt	30.00
Bhavnagar	Vallabhipur	Vallabhipur	Patna (Bhal)	294 Pt	35.00
Bhavnagar	Vallabhipur	Vallabhipur	Panvi	165 & 178	20.00
Bhavnagar	Vallabhipur	Vallabhipur	Panvi	178	10.00
Bhavnagar	Gariyadhar	Palitana	Manpur	149 Pt	29.00
Bhavnagar	Shihor	Shihor	Chorvadla	60	50.00
Total					349.00

2. Description of Area:-

Soil type	Murraimy, black Soil, Alluvial
Topography	Plain
Slope	Gentle
Whether the area is bearing any root stock of Vegetation	Most of the area is Degreeded

3. Name of Plantation Programme:-

Compensatory Afforestation Scheme for Degraded Forest Area.

4. Schedule of Plantation Programme:-

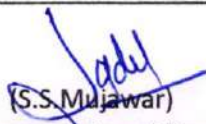
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|------|---|
| (i) | The Compensatory Afforestation on degraded area would be started by Dy.Conservator of Forest, Bhavnagar as early as possible after the proposal is formally approved. |
| (ii) | Compensatory Afforestation will be done in 349 ha. area. The total afforestation cost will be about Rs. 209693858/- Executive Engineer, Salinity Control Division, Bhavnagar 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	Specifications		
a	General Details	The C.A. will be taken under Compensatory Afforestation for double land on degraded Forest Areas. The prevailing wage rate is 441 per day.		
b	Spacement	3 X 3 mtr., 1111 plants per ha.		
c	Species to be planted (No. of plants per ha.)	Desi Baval	200	65 cm
		Charal	100	75 cm
		Limda	300	75 cm
		Karanj	111	75 cm
		Gundi	200	75 cm
		Khakhra	200	75 cm
		-	-	-
Total	1111			
d	Nursery Technique	Nine months old polypot raised plants will be planted at the onset of monsoon.		
e	Site Preparation	The malformed rootstock present in the area will be cutback & the site will be cleaned in the month of Nov-Dec. Alignment & pit digging 45 x 45 x 45 cms. will be carried out in the month of Dec-Jan.		
f	Plantation Method	Polypot raised plants will be planted during monsoon.		
g	Soil & Moisture Conservation Works	(i) Pucca structure like Check dam, check wall, retaining wall		
		(ii) Contour trenches 2.00 x 0.45 x 0.30, 300 Nos/ha. will be dug along the contour line. the dug out soil will be heaped on the down ward side. Gully plugging & Nala Banding using The loose stone available in the area will be carried out as per requirement. Seeds of Acacia and thorny Etc. will be planted during monsoon in the upper side of nala as per suitability.		
h	Protection Trench	Barbed wire fencing, Seed sowing And planting of cuttings of thorny Spp. along the fence.		
i	Silvicultural Operations	1 st year three weeding soil working, Support watering will be provided if needed.		
		2 nd year two weeding soil working.		
		3 rd year one weeding soil working.		
j	Maintenance	It is proposed to maintain the Plantation up to ten years.		
k	Subsequent silvicultural Operation	Cleaning, thinning etc. (as per species specific requirement) will be carried out at the age as per prescribed in the working plan.		

Sr. No.	Details	Specifications
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%
		(iii) The results of survival etc. are maintained in the plantation register on a periodical basis, which is updated at the end of September and March each year.
		(iv) The collar girth is also to be reordered 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.
m	Regeneration cleaning	promotion of root suckers.
		n


 (S.S. Mujawar)
 Dy. Conservator of Forests
 Bhavnagar Forest Division
 Bhavnagar
 24/4/23

The Compensatory Afforestation scheme at the cost of Rs. 209693858/- is technically and administrative approved by the undersigned

Sub :- Proposal for Diversion of 598.2427 Ha. Forest land for methala Bandhara Irrigation Project near Village Methala in Talaja Taluka in Bhavnagar District of Gujarat State. (FP/GJ/IRRIG/44298/2020)

Daily wages Rs. 441.00

Spacemnts = 3 m x 3 m				
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
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)	1222	0	2601	2601
(b) labour : Preparation of beds, filling and arranging of bags,showing of seeds, watering shifting, weeding etc.	1222	6362	329	6691
(c) Seedling cost for casuality replacement in one year old (20%)	222	2009	601	2611
(d) Seedling cost for casuality replacement in two year old (10%)	111	1007	300	1306
Total		9378	3832	13209
2. Area Development (Land Preparation)				
(a) Survey, cutback and promotion of root suckers		4781	0	4781
(b) Aligment and digging of pits 0.45 X 0.45 X 0.45	1111@ 10.01	13804	0	13804
Total		18585	0	18585
(a) Natural fertilizer (Neem cake/ Castor cake)	1111 @ 10.21	0	14080	14080
Total		0	14080	14080
3. SMC Works				
(a) Check wall/ retaining wall /checkdem (all pucca only)	L.S.	16981	33709	50690
(b) Contour trench 2 M x 45 Cm x 30 Cm as per Rs.17.00/rmt (300 trench)	600 rmt.	12926	0	12926
Total		29907	33709	63616
4. Protection				
(a) Barbed wire fencing	Rmt. 118	4720	42480	47200
(b) Seed sowing and planting of cuttings of Ipomea/ Glaricidia along the fence		1576	677	2253

Total		6296	43157	49453
Sub Total of 0 year		64165	94778	158943
1st Year				
(a) Maintenance of nursery (April to June)	1222	4880	486	5366
(b) Transport of seedling for plantation	1111	2677	553	3230
(c) Planting with khamna of Min 1 m dia	1111	8228	0	8228
(d) Transport of seedling for casualty replacement	111	286	65	350
(e) 3 weeding cum soil working	1111	32073	0	32073
(f) Support watering 5 times @ 3.25		20502	29418	49920
(g) Protection / tending operation		6636	0	6636
(h) Tending to natural vegetation		1659	0	1659
(i) Contingency		0	1659	1659
Total for 1st year		76940	32181	109121
2nd Year				
(a) 2 weeding & soil working		17813	0	17813
(b) 20 % Casually replcement, transport and planting	111+111	300	1491	1790
(c) Natural fertilizer (neem cake / caster cake) etc.	Rs.12/ plant	0	16640	16640
(d) Support watering 3 times @ 3.25		13322	19122	32444
(e) Protection / tending operation		7189	0	7189
Total for 2nd year		38623	37252	75876
3rd Year				
(a) 2 weeding & soil working		19184	0	19184
(b) 10 % Casually replcement, transport and planting	111	161	804	965
(c) Natural fertilizer, neem cake etc.	Rs.13/ plant	0	17919	17919
(d) Support watering 1 times @ 3.25		4783	6864	11647
(e) Protection & maintenance of fencing / tending operation	L.S.	9677	0	9677
Total for 3rd year		33805	25587	59392
4thYear				
(a) 1 weeding & soil working		10276	0	10276
(b) Protection & Maintenance of fencing/ Tending operation	L.S.	10368	0	10368
Total for 4th year		20645	0	20645
5thYear				
Protection & maintenance of fencing/ tending operation	L.S.	11060	0	11060
Total for 5th year		11060	0	11060
6thYear				
Protection & maintenance of fencing/ tending operation	L.S.	11751	0	11751
Total for 6th year		11751	0	11751


7thYear				
Protection & maintenance of fencing/ tending operation	L.S.	12442	0	12442
Total for 7th year		12442	0	12442
8thYear				
Protection & maintenance of fencing/ tending operation	L.S.	13133	0	13133
Total for 8th year		13133	0	13133
9thYear				
Protection & maintenance of fencing/ tending operation	L.S.	13824	0	13824
Total for 9th year		13824	0	13824
10thYear				
Protection & maintenance of fencing/ tending operation	L.S.	14516	0	14516
Total for 10th year		14516	0	14516
SUB TOTAL :		310904	189798	500702
The Cost of Supervision/subsequential silvicultural Operations	20%	62181	37960	100140
		373085	227758	600842

Note :-

- (1) Seed sowing along fencing towards the inner side, and also in the plot.
- (2) Planting of cutting of ipomea//Glarcidia along the fencing towards outer side.

Compensatory afforestation will be done in 1.00 ha. Area.

1 Ha cost, Rs. 600842 X 349 Ha. = Total Cost Rs. :209693858/-


 (S.S. Mujawar)
 Dy. Conservator of Forests
 Bhavnagar Forest Division
 Bhavnagar
 24/4/23

Sub :- Proposal for Diversion of 598.2427 Ha. Forest land for methala Bandhara Irrigation Project near Village Methala in Talaja Taluka in Bhavnagar District of Gujarat State. (FP/GJ/IRRIG/44298/2020)

Annexture-20

Certificate from the DCF, that non forest land selected for compensatory afforestation is in a compact blocks and contiguous to forest areas or in closed proximity of forest areas and suitable from the management and protection point of view.

This is to certify, that 598.2427 Ha non forest land (Village: - Monpur Ta. Vallbhipur Dist. Bhavnagar) selected for compensatory afforestation is in a compact blocks, contiguous to forest areas and suitable from the management and protection point of view.

Place : Bhavnagar


(S.S. Mujawar)

Dy. Conservator of forests
Bhavnagar Forest Division
Bhavnagar

24/4/23

Sub :- Proposal for Diversion of 598.2427 Ha. Forest land for methala Bandhara Irrigation Project near Village Methala in Talaja Taluka in Bhavnagar District of Gujarat State. (FP/GJ/IRRIG/44298/2020)

Annexture-21

Suitability certificate from Divisional Forests Officer that the land identified for compensatory afforestation is suitable for raising plantation (in the prescribed format)

This is to certify that 598.2427 hectares of non-forest land for (Village:- Monpur Ta. Vallbhipur Dist. Bhavnagar) compensatory afforestation against diversion of 598.2427 hectares is suitable from wildlife wolf and antelope habitat point of view and 277750 saplings can be afforested in 598.2427 hectares. Balance saplings will be done in 349.00 hectares Degraded Forest area.

Place : Bhavnagar


(S.S. Mujawar)

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Bhavnagar Forest Division

Bhavnagar
24/4/23

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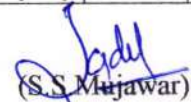
Annexture-21

Suitability certificate from Divisional Forests Officer that the land identified for compensatory afforestation is suitable for raising plantation (in the prescribed format)

It is Certified that 349 ha. of degraded forest land as per below table is suitable for compensatory Afforestation.

Sr.	District	Taluka	Range	Village	Survey No	Working Circle	Area (Ha.)	Coupe No
1	Botad	Gadhada	Vallabhipur	Limbadiya	82	Degraded Area IMP. WC.	30.00	3
2	Botad	Gadhada	Vallabhipur	Limbadiya	85	Degraded Area IMP. WC.	20.00	4
3	Botad	Gadhada	Vallabhipur	Rasnal	276 Pt	Degraded Area IMP. WC.	20.00	1
4	Botad	Gadhada	Vallabhipur	Rasnal	276 Pt	Degraded Area IMP. WC.	20.00	2
5	Botad	Gadhada	Vallabhipur	Padapan	50	Protection Cum IMP. WC.	15.00	3
6	Botad	Gadhada	Vallabhipur	Gordaka	119	Degraded Area IMP. WC.	25.00	4
7	Bhavnagar	Vallabhipur	Vallabhipur	Patna (Bhal)	294 Pt	Protection Cum IMP. WC.	45.00	2
8	Bhavnagar	Vallabhipur	Vallabhipur	Patna (Bhal)	295 Pt	Protection Cum IMP. WC.	30.00	1
9	Bhavnagar	Vallabhipur	Vallabhipur	Patna (Bhal)	294 Pt	Protection Cum IMP. WC.	35.00	5
10	Bhavnagar	Vallabhipur	Vallabhipur	Panvi	165 & 178	Protection Cum IMP. WC.	20.00	6
11	Bhavnagar	Vallabhipur	Vallabhipur	Panvi	178	Protection Cum IMP. WC.	10.00	5
12	Bhavnagar	Gariyadhar	Palitana	Manpur	149 Pt	Degraded Area IMP. WC.	29.00	3
13	Bhavnagar	Shihor	Shihor	Chorvadla	60	Protection Cum IMP. WC.	50.00	4,5,6 & 7
Total (Ha.)							349.00	

Place : Bhavnagar


(S.S. Mujawar)

Dy. Conservator of forests
Bhavnagar Forest Division

Bhavnagar
24/4/23