

નાયબ વન સંરક્ષકશ્રીની કચેરી મોરબી વન વિભાગ-મોરબી  
ભીમસર ગંજીવાડા અરુણોદય મીલરોડ મુ.મોરબી ફોનનં. (૦૨૮૨૨૨૪૧૬૧૧)  
ફેક્સ:(૦૨૮૨૨૨૪૦૬૧૧) ઇમેઇલ-એડ્રેસ:dcfmorbi@gmail.com

ક્રમાંક:- અ /જમન/ટે.૧૦/ ૧૦૦૩-૦૫ /૨૦૨૦-૨૧

તા. ૨૨ /૧૦ /૨૦૨૧

પ્રતિ,  
મુખ્ય વન સંરક્ષકશ્રી,  
જુનાગઢ વન વર્તુળ,  
જુનાગઢ.

વિષય:- Diversion of 0.95 Ha. Forest Land in Vil:Vasundra S.No16 & 38 Ta:Wankaner Di:Morbi for Laying Underground 450mm D.I.Drinking Water & irrigation Pipeline For Machcu-1 to Bamanbor Lift Irrigation Scheme for Following village (1) Bamanbor (2) Doshlighuna (3) Garida in tal./Dist. Rajkot of Gujarat State in favour of Deputy Executive Engineer,Rajkot Panchayat Irrigation Sub.Division No.1 Rajkot. (FP/GJ/WATER/145642/2021)

સંદર્ભ:- અધિક અગ્ર મુખ્ય વન સંરક્ષકશ્રી, જમીન, ગુ.રા. ગાંધીનગરનાં પત્રાંક:-

(૧) જમન/૨૯-સી/બ/૪૫૧૪-૧૫ તા.૧૮/૧૦/૨૦૨૧

આપના પત્રાંક:- (૨) બ/જમન/૩૯૫૪/ટે.૧૨/૫૩૩૧ તા. ૨૦/૧૦/૨૦૨૧

સાદર સાથે ઉપરોક્ત વિષય અન્વયે જણાવવાનું કે, સંદર્ભ દર્શિત પત્રથી જણાવ્યાની વિગતે કાપવાના થતા વૃક્ષોની સંખ્યાના ૧૦(દસ) ગણા વૃક્ષો એટલે કે, ૭૮૦ વૃક્ષોની વળતર વનીકરણની સ્કીમ તૈયાર કરી સાદર કરવા જણાવવામાં આવેલ છે. જે અન્વયે ડીગ્રેડેડ વન વિસ્તારમાં વનીકરણ માટે ઓછામાં ઓછી એક હેક્ટર ની વળતર વનીકરણની યોજના નકશા સાથે તૈયાર કરી ચાર નકલમાં સાદર કરવામાં આવે છે.તેમજ ઓનલાઇન અપલોડ કરવામાં આવેલ છે.જે વિદિત થવા વિનંતી છે.

બિડાણ:- ઉપર મુજબ.

(ચિરાગ અમીન)

નાયબ વન સંરક્ષક  
મોરબી વન વિભાગ મોરબી

નકલ સાદર રવાના:- અધિક અગ્ર મુખ્ય વન સંરક્ષકશ્રી, જમીન, ગુ.રા.ગાંધીનગર તરફ સંદર્ભ-૧ ના પત્ર અન્વયે જાણ થવા સારું.

Diversion of 0.95 Ha. Forest Land in Vil:Vasundra S.No16 & 38 Ta:Wankaner Di:Morbi for Laying Underground 450mm D.I.Drinking Water & irrigation Pipeline For Machcu-1 to Bamanbor Lift Irrigation Scheme for Following village (1) Bamanbor (2) Doshlighuna (3) Garida in tal./Dist. Rajkot of Gujarat State in favour of Deputy Executive Engineer,Rajkot Panchayat Irrigation Sub.Division No.1 Rajkot. (FP/GJ/WATER/145642/2021)

### Annexure-19

#### Compensatory Afforestation Scheme for double degraded area

Detailed scheme of Compensatory Afforestation for degraded area 2.00 ha. to be carried out in lieu of 0.95 ha. of forest land to be diverted in Morbi district.

#### 1. Details of degraded land.

Village	Ghansyampur
Taluka	Halvad
Range	Morbi
District	Morbi
Division	Morbi
Block/ Patal, Compartment No.	1295/p.
Areato be afforested	1.00
Working circle	Planstation

#### 2. Description of Area.

Soil type	Soft Morram / Stony
Topography	Plain
Slope	gentle
Whether the area is bearing any root stock of Vegetation	Sparse Vegetation

#### 3. Name of Plantation Programme:-

Compensatory Afforestation Scheme for Degraded Forest Area.

#### 4. Schedule of Plantation Programme:-

(i) The Compensatory Afforestation on degraded area would be started by Deputy Conservator of Forest Morbi Forest Division as early as 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 <b>Rs.600478/-</b> Deputy Executive Engineer,Rajkot Panchayat Irrigation Sub.Division No.1 Rajkot. 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 340.20 per day.																				
b	Spacement	3 X 3 mtr., 1111 plants per ha.																				
c	Species to be planted (No. of plants per ha.)	<table border="1"> <tr> <td>Charel (Kanji)</td><td>200</td><td rowspan="8">Minimum planting height will be 100 cm. at the time of planting. However it will vary for different species.</td></tr> <tr> <td>Desi baval</td><td>200</td></tr> <tr> <td>Neem</td><td>100</td></tr> <tr> <td>Bordi</td><td>200</td></tr> <tr> <td>Harmo</td><td>100</td></tr> <tr> <td>Khijdo</td><td>100</td></tr> <tr> <td>Gugal</td><td>100</td></tr> <tr> <td>Other</td><td>111</td></tr> <tr> <td><b>Total</b></td><td><b>1111</b></td><td></td></tr> </table>	Charel (Kanji)	200	Minimum planting height will be 100 cm. at the time of planting. However it will vary for different species.	Desi baval	200	Neem	100	Bordi	200	Harmo	100	Khijdo	100	Gugal	100	Other	111	<b>Total</b>	<b>1111</b>	
Charel (Kanji)	200	Minimum planting height will be 100 cm. at the time of planting. However it will vary for different species.																				
Desi baval	200																					
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Bordi	200																					
Harmo	100																					
Khijdo	100																					
Gugal	100																					
Other	111																					
<b>Total</b>	<b>1111</b>																					
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 Jatropha, Agave plants ...etc. will be planted during monsoon in the upper side of nala as per suitability.																				
h	Protection Trench	Barbed wire fencing, Thor fencing, Seed sowing and planting of cuttings of Ipomea/Glarcidia along the fence																				
i	Silvicultural Operations	1 <sup>st</sup> year three weeding soil working, Support watering will be provided if needed. 2 <sup>nd</sup> year two weeding soil working. 3 <sup>rd</sup> year one weeding soil working.																				
j	Maintenance	It is proposed to maintain the Plantation up to ten years.																				



k	Subsequent silvicultural Operation	Cleaning, cutbacks, thinning etc. (as per species specific requirement) will be carried out at the age as per prescribed in the working plan.
l	Proposed monitoring mechanism	<p>(i) A plantation register is to be maintained.</p> <p>(ii) Monitoring is to be done as per the following norms.  Forester – 100%  RFO – 100%  ACF – 20%  DCF – 10%</p> <p>(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.</p> <p>(iv) The collar girth is also to be reordered at the end of each year.</p> <p>(v) At the end of maintenance period, the area is aimed at full stocking and pole crop girth for all the species, except bamboo.</p> <p>(vi) Bamboo would be of the harvestable size by the end of 4<sup>th</sup> year.</p> <p>(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.</p>
m	Regeneration cleaning	Cut-back and promotion of root suckers.
n	Silviculture & other activities	Only afforestation aimed plantation will be taken up, as the area falls under degraded forest land.

  
 (Chirag Amin)  
 Deputy. Conservator of Forest  
 Morbi Forest Division, Morbi

The Compensatory Afforestation scheme at the cost of Rs.600478/- is technically and administrative approved by the undersigned.

  
 (Chirag Amin)  
 Deputy. Conservator of Forest  
 Morbi Forest Division, Morbi

<p><b>Diversion of 0.95 Ha. Forest Land in Vil:Vasundra S.No16 &amp; 38 Ta:Wankaner Di:Morbi for Laying Underground 450mm D.I.Drinking Water &amp; irrigation Pipeline For Machcu-1 to Bamanbor Lift Irrigation Scheme for Following village (1) Bamanbor (2) Doshlighuna (3) Garida in tal./Dist. Rajkot of Gujarat State in favour of Deputy Executive Engineer,Rajkot Panchayat Irrigation Sub.Division No.1 Rajkot.</b> (FP/GJ/WATER/145642/2021)</p> <p><b>Rate structure of forest land of village : Ghansyampur ta. Halvad District : Morbi</b> <b>Afforestation as per Add.pri.C.C.F. land, Gujarat State, Gandhinagar's letter no. .Campa/31/B/4769-4838/Dt. 27/11/2019</b></p>
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Daily wages Rs. 340.20

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
<b>0 year</b>				
Nursery				
(a) Cost of soil, ,manure, seeds, water, fartillizer, insecticides, implements, rent of lands. Shade, etc. (including 10 % for casualty replacement)	1222	0	2007	2007
(b) labour : Preparation of beds, filling and arranging of bags,showing of seeds, watering shifting, weeding etc.	1222	4907	254	5162
(c ) Seedling cost for casualty replacement in one year old (20%)	222	1550	464	2014
(d) Seedling cost for casualty replacement in two year old (10%)	111	777	231	1008
<b>Total</b>		<b>7234</b>	<b>2956</b>	<b>10190</b>
<b>2. Area Development ( Land Preparation )</b>				
(a) Survey, cutback and promotion of root suckers		3688	0	3688
(b) Aligment and digging of pits 0.45 X 0.45 X 0.45	11.11 @ 16.20	17998	0	17998
<b>Total</b>		<b>21686</b>	<b>0</b>	<b>21686</b>
(a) Natural fertilizer (Neem cake/ Castor cake)	1111 @ 5.00	0	10862	10862
<b>Total</b>		<b>0</b>	<b>10862</b>	<b>10862</b>
<b>3. SMC Works</b>				
(a) Check wall/ retaining wall /checkdem (all pucca only) & Percolation tank	L.S.	12000	18000	30000
(b) Contour trench 2 M x 45 Cm x 30 Cm as per Rs.54.10 (300 trench)	300 Nos	16230	0	16230
<b>Total</b>		<b>28230</b>	<b>18000</b>	<b>46230</b>
<b>4. Protection</b>				
(a) Barbed wire fencing	400 rmt.	14000	126000	140000
(b) putting thorny bushes / thore fencing	120 rmt@64.90	7788	0	7788
<b>Total</b>		<b>21788</b>	<b>126000</b>	<b>147788</b>



<b>Sub Total of 0 year</b>		<b>78938</b>	<b>157818</b>	<b>236756</b>
<b>1st Year</b>				
(a) Maintenance of nursery (April to June)	1222	3765	375	4140
(b) Transport of seedling for plantation	1111	2065	427	2492
(c) Planting with khamna of Min 1 m dia	1111	6347	0	6347
(d) Transport of seedling for casualty replacement	111	220	50	270
(e) 3 weeding cum soil working	1111	24742	0	24742
(f) Support watering 5 times @ 3.25		15816	22694	38510
(g) Protection / tending operation		5119	0	5119
(h) Tending to natural vegetation		1280	0	1280
(i) Contingency		0	1280	1280
<b>Total for 1st year</b>		<b>59354</b>	<b>24825</b>	<b>84179</b>
<b>2nd Year</b>				
(a) 2 weeding & soil working		13741	0	13741
(b) 20 % Casually replacement, transport and planting	111+111	231	1150	1381
(c) Natural fertilizer (neem cake / caster cake ) etc.	Rs.5/ plant	0	12837	12837
(d ) Support watering 3 times @ 3.25		10277	14751	25028
(e) Protection / tending operation		5546	0	5546
<b>Total for 2nd year</b>		<b>29795</b>	<b>28737</b>	<b>58533</b>
<b>3rd Year</b>				
(a) 2 weeding & soil working		14799	0	14799
(b) 10 % Casually replacement, transport and planting	111	124	620	745
(c) Natural fertilizer, neem cake etc.	Rs.5/ plant	0	13823	13823
(d ) Support watering 1 times @ 3.25		3690	5295	8985
(e) Protection & maintenance of fencing / tending operation	L.S.	7465	0	7465
<b>Total for 3rd year</b>		<b>26078</b>	<b>19738</b>	<b>45817</b>
<b>4thYear</b>				
(a) 1 weeding & soil working		7927	0	7927
(b) Protection & Maintenance of fencing/ Tending operation	L.S.	7998	0	7998
<b>Total for 4th year</b>		<b>15926</b>	<b>0</b>	<b>15926</b>
<b>5thYear</b>				
Protection & maintenance of fencing/ tending operation	L.S.	8532	0	8532
<b>Total for 5th year</b>		<b>8532</b>	<b>0</b>	<b>8532</b>
<b>6thYear</b>				
Protection & maintenance of fencing/ tending operation	L.S.	9065	0	9065
<b>Total for 6th year</b>		<b>9065</b>	<b>0</b>	<b>9065</b>

<b>7thYear</b>				
Protection & maintenance of fencing/ tending operation	L.S.	9598	0	9598
<b>Total for 7th year</b>		<b>9598</b>	<b>0</b>	<b>9598</b>
<b>8thYear</b>				
Protection & maintenance of fencing/ tending operation	L.S.	10131	0	10131
<b>Total for 8th year</b>		<b>10131</b>	<b>0</b>	<b>10131</b>
<b>9thYear</b>				
Protection & maintenance of fencing/ tending operation	L.S.	10665	0	10665
<b>Total for 9th year</b>		<b>10665</b>	<b>0</b>	<b>10665</b>
<b>10thYear</b>				
Protection & maintenance of fencing/ tending operation	L.S.	11198	0	11198
<b>Total for 10th year</b>		<b>11198</b>	<b>0</b>	<b>11198</b>
<b>SUB TOTAL :</b>		<b>269280</b>	<b>231119</b>	<b>500398</b>
The Cost of Supervision/subsequential silvicultureal Operations	20%	53856	46223	100080
		<b>323136</b>	<b>277342</b>	<b>600478</b>

**Note :-**

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

Compensatory afforestation will be done in 1.00 ha. Area.

**1 Ha cost, Rs. 600478 X 1 Ha. = Total Cost Rs. :600478/-**

( Chirag Amin' )  
 Dy. Conservator of Forests  
 Morbi Forest Division  
 Morbi

ATTX-18

Village:- Ghansyampur

Ta. Halvad

Dist. Morbi

Scale:- 1 c.m. = 79.20 M.

Forest Boundary

C.A. Area Ha. 1.00

Gps Reding

	Lat.	Log.
1	22.923668	71.183779
2	22.922619	71.183952
3	22.922944	71.184783
4	22.922322	71.183251

1295/P.  
1295/P.



સીરેસ્ટ સેલેબ્રેટ્સ બોર્ડીસર  
જાનામર

અરી જામલ  
સીરેસ્ટ સેલેબ્રેટ્સ બોર્ડીસર  
જાનામર

પ્રદેશ પેક્ટ

સીરેસ્ટ સેલેબ્રેટ્સ બોર્ડીસર

Deputy Conservator of Forest  
Morbi Forest Division-Morbi