

Government of Gujarat,  
Forest and Environment Department,  
No. FED/FLP/e-file/6/2023/1095/F  
Block No. 14, 8<sup>th</sup> Floor, Sardar Patel Bhavan, Sachivalaya,  
Gandhinagar,Gujarat-382010

To,  
**Sr. Assistant Inspector General of Forest (FC Division)**

Government of India,  
Ministry of Environment, Forest & Climate Change,  
FC Division, Indira Paryavaran Bhavan,  
Aliganj, Jorbagh Road,  
New Delhi-110003.

**Subject:** Diversion of **598.2427 Ha.** forest land under Forest (Conservation) Act-1980, Methala Bandhara, Ta-Talaja, Dist-Bhavnagar of Gujarat State in favour of Executive Engineer, Salinity Control Division,Bhavnagar.

Sir,

Please refer to your letter F.No. 8-06-2021-FC, Aug-2023 on the subject cited above and the required information are furnished as under.

Sr No.	Query	Compliance
1	The satellite imagery of the proposed Non Forest Land for Compensatory Afforestation revealed that some part of the CA land is falling in the river and the presence of water ponds within the boundary of the proposed area been observed. This needs clarification and revision of CA areas accordingly if required	This is to clarify that river seen in satellite image is a seasonal rivulet. The water ponds seen in the KML file are very small water harvesting structures with which would be utilized for irrigation of plantation.
2	The revenue record/documentary evidence indicating that the area identified for Compensatory Afforestation is Non-forest land has not been submitted, which is required to be done.	This non-forest land has been transferred to the Forest Department by the Collector Bhavnagar order dated 19/312020, which is attached herewith. Village Form No-7 sent by User Agency is also enclosed herewith.
3	In the CA Scheme , the followings shortcoming have been observed	
	a ) The CA Scheme is submitted in two parts. The reason/justification for the same needs submission.	A two-part scheme for compensatory afforestation has been formulated as per site conditions of the non-forest land as well as keeping in view, the vicinity of Velavadar Blackbuck National Park.

Signature Not Verified

Signed by: B.l.chaudhari  
Deputy Secretary  
Date: 2023.11.02  
17:57:41 +05:30

File No: FED/FLP/e-file/6/2023/1095/F Section  
Approved By: B.l.chaudhari(DS,F Section,FED)

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	<p>b ) The number of plants proposed to be raised on the CA land is not uniform, as per the CA scheme in one patch comprising 300 ha area only 480 seedlings per ha. Have been proposed whereas in another patch comprising 298.247 ha area, 2500 seedlings per ha have been proposed. The huge variation in the number of seedlings per hectare i.e. 480 and 2500 needs to be examined by the State Govt. and a justification in this regard shall be submitted. As per the guidelines issued by the Ministry a minimum of 1000 plants (tree species) per ha are required to be planted for Compensatory Afforestation</p>	<p>This non forest Land is adjoining to Velavadar Blackbuck National Park. The area has large presence of Blackbuck, and is a habitat for wild animals such as wolf, Hyena etc. So technically suitable mixed model of grass seed planting with 400 saplings per hectare has been taken in 300 hectare area. The area so developed would serve to create suitable habitat for Blackbucks. According to the guidelines of Ministry 5,98,243 saplings should be planted in this 598.2427 Hectares of non forest land as per 1000 saplings per hectare. However, it is proposed to plant a total of 7,45,607 saplings in 298.2427 hectares at 2500 saplings per hectare. In the other 300 ha a plant density of 400 plants per ha along with grass plantation has been proposed for suitable habitat requirement of Blackbuck population. Thus total of 8,65,607 sapling will be planted on proposed CA land of 598.2427 ha</p>
	<p>c ) The CA scheme for the proposed 300 ha area reads a few points as degraded area and a few points as non-forest area. Therefore, the CA scheme shall be submitted for proposed non forest land.</p>	<p>The scheme prepared for compensatory afforestation is for Non forest land only, but the degraded area was written by mistake at one place in the scheme, which has been corrected and attached herewith</p>
	<p>d ) Further, the copy of undertaking from the user agency to bear the cost of CA shall be submitted. The Cost-Benefit ratio has not been derived in the Cost-Benefit analysis report and cost on the parameters such as Animal husbandry productivity, compensatory Afforestation, increase in productivity etc. have not been calculated as required under relevant guidelines, which needs submission.</p>	<p>The Copy of undertaking from the User Agency to bear the cost of CA is enclosed herewith. Revised Cost-Benefit analysis is enclosed herewith</p>

Signature Not Verified

Signed by: B.I. Chaudhari  
Deputy Secretary  
Date: 2023.11.02  
17:57:41 +05:30

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4	The Cost Benefit ratio has not been derived in the Cost-Benefit analysis report and cost on the parameters such as Animal husbandry productivity, Compensatory Afforestation, increase in productivity etc. have not been calculated as required under relevant guidelines, which needs submission	Revised Cost-Benefit analysis enclosed herewith
5	The State Govt. reported that dam like structure observed in the satellite imagery is an earthen bund constructed by the local villagers in the revenue area. Keeping this in vicw, the complete KML boundary of submerged area including 1111 Ha Non-forest land G.ffL) involved in the instant project needs submission.	KML file is enclosed herewith.

Yours Faithfully,

**( B.L.Chaudhari)**

Deputy Secretary

Forest & Environment Department

**Encl.** As above.

**copy to:-**

1. Regional Officer, IRO-Gandhinagar, A-407 & A-409, Aranya Bhavan, CH-3 Circle, Sectr-10 A, Gandhinagar-382010
2. Nodal officer (FCA), Pr. Chief Conservator of Forest's Office, Gujarat State, 'Aranya Bhavan' Sector-10/A, Gandhinagar
3. Select File

Signature Not Verified

Signed by: B.L. Chaudhari  
Deputy Secretary  
Date: 2023.11.02  
17:57:41 +05:30

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Approved By: B.L. Chaudhari (DS, F Section, FED)

*Open the document in Adobe Acrobat DC to verify the E-sign*





Equity  
Efficiency  
Sustainability  
**WRD**

ક્ષાર અંકુશ વિભાગ,

**Salinity Control Division.**

એસ-૨ એનેક્ષી બિલ્ડીંગ, જીલા સેવા સદન-૨,  
S-2 Annexy Building, Jilla Seva Sadan-II,

ભાવનગર - ૩૬૪૦૦૧.

**Bhavnagar-364001**

ફોન: (કચેરી)-૦૨૭૮-૨૪૩૯૮૯૬ (અંગત)-૦૨૭૮-૨૫૧૫૭૦૦ (ફેક્સ) ૦૨૭૮- ૨૪૩૯૮૯૬

Phone: (Ooff)-0278-2439896 (PPersonal)0278-2515700 (Faxfax)0278-2439896

**D.P.GAJERA**  
**Executive Engineer**

નં. પીબી-૧/મેથળા બંધારા/FCA/૯૬૬

તા. ૩ -૧૦-૨૦૨૩

પ્રતિ,

નાયબ વન સંરક્ષકશ્રી

ભાવનગર વન વિભાગ

ભાવનગર

વિષય: પ્રપોઝલ ફોર ટ્રાન્સફર ઓફ ફોરેસ્ટ લેડ અંડર એફ.સી.એ (૧૯૮૦) મેથળા બંધારા તા:તળાજા

જી.:ભાવનગર

સંદર્ભ: આપના કચેરીના પત્ર નં બ/જમન/ટે-૧૧/૩૯૮૬/૨૦૨૩-૨૪/તા ૨૮-૮-૨૦૨૩

સવિનય સાથે ઉપરોક્ત વિષયનાં અનુસંધાને જણાવવાનું કે આપની કચેરી દ્વારા સંદર્ભિત પત્રથી પ્રપોઝલ ફોર ટ્રાન્સફર ઓફ ફોરેસ્ટ લેડ અંડર એફ.સી.એ (૧૯૮૦) મેથળા બંધારા તા:તળાજા જી.:ભાવનગર બાબતે ભારત સરકારશ્રીના એમ.ઓ.ઇ.એફ મંત્રાલય નવી દીલ્હી ના તા ૧૬-૮-૨૦૨૩ ના પત્રથી ઉપસ્થિત થયેલ મુદ્દાઓ પૈકિ અત્રેના વિભાગને લગત મુદ્દાઓની પુર્તતા આ સાથે જરુરી આધાર-પુરાવા સાથે ૬ નકલમા રજુ કરવામા આવે છે તો જરુરી પુર્તતા સક્ષમકક્ષાએ મોકલી આપવા વિનંતી છે.

ઉપરોક્ત હકિકત વિદિત થયે સદરહું દરખાસ્તને આગળની કાર્યવાહી માટે મોકલી આપવા માટે અત્રેથી ભલામણ સહ વિનંતી છે.

બિડાણ : (૧) ઉપર મુજબ ૬ નકલમા

નાયબ વન સંરક્ષકશ્રીની કચેરી  
ભાવનગર વન વિભાગ  
ઇન્વર્ડ નંબર... ૨૦૦૨  
તારીખ... ૦-૧૦-૨૩  
ટેબલ નંબર... ૧૧

કાર્યપાલક ઈજનેર

ક્ષાર અંકુશ વિભાગ

ભાવનગર

નકલ સવિનય રવાના: અધિક્ષક ઈજનેરશ્રી ભાવનગર સિંચાઈ યોજના વર્તુળ ભાવનગર સાદર જાણ માટે  
નકલ રવાના: પ્રતિ, નાયબ કાર્યપાલક ઈજનેરશ્રી, ક્ષાર અંકુશ પેટા વિભાગ તળાજા તરફ જાણ તથા  
ઘટીત કાર્યવાહી થવા અર્થે.

DHAVNAGAR IRRIGATION PROJECT CIRCLE BHAVNAGAR  
SALINITY CONTROL DN BHAVNAGAR

Ministry of Environment, Forest and Climate change(Forest Conservation Division) Indira Paryavaran Bhavan, Jor Bag Road, Aliganj,  
New Delhi-110003 File No 8-06-2021-FC

Subject:- 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)

shortcomings	compliances
<p>1. The satellite imagery of the proposed Non Forest Land for Compensatory Afforestation revealed that some part of the CA land is falling in the river and the presence of water ponds within the boundary of the proposed area has also been observed. This needs clarification and revision of CA areas accordingly if required</p>	<p>As per satellite imagery of proposed non forest land for Compensatory Afforestation some part of CA falling in the river and presence of water ponds within boundary of proposed area has been observed, in view of this it is clarified that, river seen in satellite image is "seasonal in nature" also there is provision of 3900 meter long earthen dam in compensatory afforestation scheme with cost of Rs.20,44,576/- for storage of water and to avoid damage to plantation due to water login in this area. In addition water ponds in this area will be useful for storage of water which can be utilized for irrigation of plantation.</p>
<p>2. The revenue record/documentary evidence indicating that the area identified for Compensatory Afforestation is Non-forest land has not been submitted, which is required to be done.</p>	<p>This non-forest land has been transferred to the Forest Department by the Collector's order dated 19/03/2020. Which is attached herewith. Village Form No-7 with certified from revenue officer are converted in English and counter signed by User Agency is also enclosed herewith.</p>
<p>3.0 In the CA Scheme, the following shortcomings have been observed:</p> <p>a. The CA Scheme is submitted in two parts. The reasons/justification for the same needs submission.</p> <p>b. The number of plants proposed to be raised on the CA land is not uniform, as per the CA scheme in one patch comprising 300 ha area only 480 seedlings per ha. have been proposed whereas in another patch comprising 298.247 ha area, 2500 seedlings per ha. have been proposed. The huge variation in the number of seedlings per hectare i.e. 480 and 2500 needs to be examined by the State Govt. and a justification in this regard shall be submitted. As per the guidelines issued by the Ministry a minimum of 1000 plants (tree species) per ha are required to be planted for Compensatory Afforestation.</p>	<p>Applicable to forest department.</p> <p>Applicable to forest department.</p>

<p>c. The CA scheme for the proposed 300 ha area reads at few points as degraded area and a few points as non-forest area. Therefore, the CA scheme shall be submitted for proposed non forest land.</p> <p>d. Further, the copy of undertaking from the user agency to bear the cost of CA shall be submitted. The Cost Benefit ratio has not been derived in the Cost-Benefit analysis report and cost on the parameters such as Animal husbandry productivity, Compensatory Afforestation, increase in productivity etc. have not been calculated as required under relevant guidelines, which needs submission.</p>	<p>Applicable to forest department.</p> <p>copy of undertaking from the user agency to bear the cost of CA is submitted. The Cost Benefit ratio has now been derived in the Cost-Benefit analysis report and cost on the parameters such as Animal husbandry productivity, Compensatory Afforestation, increase in productivity etc. have now been calculated as required under relevant guidelines submitted.</p>
<p>4 The Cost Benefit ratio has not been derived in the Cost-Benefit analysis report and cost on the parameters such as Animal husbandry productivity, Compensatory Afforestation, increase in productivity etc. have not been calculated as required under relevant guidelines, which needs submission.</p>	<p>The Cost Benefit ratio from the user agency calculated as required under relevant guidelines is submitted now.</p>
<p>5 The State Govt. reported that dam like structure observed in the satellite imagery is an earthen bund constructed by the local villagers in the revenue area. Keeping this in view, the complete KML boundary of submergence area including 1111 Ha Non-forest land (NFL) involved in the instant project needs submission.</p>	<p>The complete KML boundary of submergence area including 1111 Ha Non-forest land (NFL) involved in the instant project uploaded and submitted herewith. (5 HA for dam line &amp; 1106 Ha for submergences.). There are 2 higher land spot @ 82 ha land and 2 temple spot @ 4 ha land in submergence area which is excluded from total 1795 Ha KML AREA.(1795-82-4-598.2427=1111 Ha submerged land as per shown in kml which is enclosed h/w in cd.</p>

Dt:- 30/9/23  
Place:- Bhavnagar  
Peeethod

Deputy Executive Engineer  
Salinity Control Sub Dn  
Talaja

*[Signature]*  
Executive Engineer  
Salinity Control Dn  
Bhavnagar

*[Signature]*  
(Sadik S. Mujawar)  
Deputy Conservator of Forests  
Bhavnagar Forest Division  
Bhavnagar

05 OCT 2023

**Collector's Letter Converted into English From Original Letter:**

Latter No. Land-4/Transfer/7882/2020

Dt.19/03/2020

Subject:-Compensation in lieu of submergence of forest department's land under Methala Bandhara Yojana Matter of transfer of land under Administrative Order-3 for the purpose of compensatory afforestation From the land of village Monpur of Vallabhipur taluka of Government land Revenue S.No.515 p 1. 598-24-27 sq.m land.

Executive Engineer, Salinity Control Division, Bhavnagar.

- Reading taken:-
- (1) Executive Engineer, Salinity Control Division, Bhavnagar Letter No.CB-Methala Bandhara/Land Transfer/469, Dt. 25/03/2019.
  - (2) Letter from Deputy collector, Shihor No. Land/1/Vashi/393/2019, Dt. 28/05/2019.
  - (3) Letter from Deputy Conservator of Forests, Bhavnagar Forest Department, Bhavnagar No. B/Jaman/Te-11/2286-87/2019-20, dated 20/06/2019.
  - (4) Letter from District land records office Bhavnagar. No.DSO-5/S.S./240/2018-19 Dt. 02/05/2019
  - (5) Executive Engineer, Roads and Buildings Department (State), Bhavnagar's letter No.CB/633, Dt. 22/05/2019
  - (6) Executive Engineer, Panchayat Roads and Buildings Department, Bhavnagar's letter No.DP/CB/Non-agriculture/406/2019, Dt. 24/06/2019,
  - (7) Here office's letter No.Jamin-4/Tabdil/7882/2019, Dt. 5/6/2019
  - (8) Govt. Revenue Department, Gandhinagar Letter No.: Jaman/5419/1283/A, Dt. 20/02/2020.

**--: Order :-**

598-24-27 sq.m of land under Methala Bandhara Yojana under Forest Department from the land of Govt. Fallen S.No.515 P.1 of Vallabhipur Taluka Moje: Monpur was read by the Executive Engineer, Salinity Control Division, Bhavnagar in the sink

Requested for transfer/reclassification of land under Administrative Order-3 for the purpose of compensatory afforestation in lieu of lost land.

The present requisition work is open to the land requisitioned by the letter of the Deputy collector, Shihor's reading (2). Power lines do not pass through this land. Also there is no railway line, port or aerodrome in the vicinity. No court litigation is pending regarding this land. Sarpanchshri, Monpur gram Panchayat has expressed opposition to transfer the land in question to the forest department. But as the land in question is about 5 km away from Monpur rural area, it cannot be used for any public or development work. Also not reserved for any other public purpose. However, the total land area of S.No.515 p 1 of Moje Monpur is 1400-74-69 sq.m. So after transferring 598-24-27 square meters of land to the forest department as per demand, 802-50-42 square meters of land remains. The land which can be used for future public development of Gram Panchayat. Further, since the land in question belongs to "Sarkarshree" Sadar, the objection petition of Gram Panchayat can not be entertained. Considering the matter, a positive opinion has been submitted to transfer the demanded land compensation under Administrative Order-3 for the purpose of afforestation.

Deputy Conservator of Forests, Bhavnagar's letter No.B/Jaman/T-11/2286-87/19-20 dated 20/06/2019 regarding the submergence of reserve forest land of Moje.Methala and Pratapara village of Talaja taluka in the work of Methala Bandara Yojana. It is proposed to give 598-24-27 sq.m land of S.No.515 p 1 of Moje: Monpur of Vallabhipur taluka for afforestation. On inquiry regarding this land, the proposed land belongs to the reserve forest of Mewasa village of Kaliyar National Park, Velavadar sub. And Ghansia is land that can be developed as land. A positive opinion has been given to allot this land if the land is suitable for the purpose of wildlife conservation.

District land records office Bhavnagar's letter No. DSO-5/S.S./240/2018-19 dated 02/05/2019 from the records of the office here, as the comment/fasal sheet of Monpur village is not available. Since only by checking the boundary map, the land in question in the map does not appear to have been given to any other Assamese. So if the land is granted according to the demand map, the action is not the same. The opinion has been presented.



Further Reading taken of the letters (5) and (6) by the concerned officers by verifying the laws and regulations pertaining to their accounts of the Methala Bandhara Yojana positive views have been expressed for land transfer/allocation for the purpose of compensatory afforestation in lieu of submerged land.

Executive Engineer, Salinity Control Division, Methala Bandhara Yojana of Bhavnagar, requesting for compensation of land for the purpose of afforestation in lieu of submerged land of Forest Department, taking into consideration the positive report submitted by the competent authorities regarding the above details, the office read the letter of (7) Vallabhipur. 598-24-27 Sq.m. of land of Govt. Fallen S. No. 515 p.1 of Taluka Vallabhipur Moje: Monpur for the purpose of compensatory afforestation in lieu of submerged land under Methala Bandhara Yojana under Gujarat Land Revenue Rules-1972. Under order-3, there is a clear opinion to transfer the name of "Department of Forests and Environment - Deputy Conservator of Forests, Bhavnagar Forest Department, Bhavnagar" under the name of the State Government, to get the appropriate approval order from the Government, to send a proposal to the Revenue Department of the Government, Gandhinagar.

As per the said proposal of the office here, Government of Revenue Department, Gandhinagar through the letter (8) has transferred 598-24-27 sq.m. of land of Govt. In the name of Deputy Conservator of Forests, Bhavnagar Forest Department, Bhavnagar" in the name of Department of Forests and Environment, permission is granted to order as per the conditions and instructions mentioned in Revenue Department's Circular No: Jaman-3907-1993-A, dated 18/01/2008.

598-24-27 sq.m of land under Methala Bandhara Yojana under Forest Department from the land of Govt. Fallen S.No.515 P.1 of Vallabhipur Taluka Moje: Monpur for the purpose of compensatory afforestation for the purpose of Forest and Environment of the Government of Gujarat. Division – It is hereby ordered to be transferred/classified in the name of Deputy Conservator of Forests, Bhavnagar Forest Division, Bhavnagar.

<u>Details of land</u>	<u>Details of transfer</u>	<u>Four directions</u>
598-24-27 Sq.m. of land of Govt. Fallen S. No. 515 p.1 of Taluka Vallabhipur Moje: Monpur.	“ Deputy Conservator of Forests, Bhavnagar Forest Department, Bhavnagar in the name of Department of Forests and Environment”	East : Ganeshgadh Village Boundary. West : Land of Res.No.515 p. North : Owned land and Mewasa border. South : Land of Res.No.515

-:: Conditions :-

- (1) The land in question shall be "Shri Sarkar".
- (2) The land in question shall be used only for the purpose for which it was granted.
- (3) The land in question cannot be transferred or repurposed in any way.
- (4) The land must be used within two years.
- (5) After getting the measurement of this land from D.I.L.R., Bhavnagar, the construction will have to be done after getting the construction maps approved. Also, the Mamlatdar, Vallabhipur will have to proceed with the possession handover along with the Circle Officer after the measurement sheet is presented.
- (6) The land in question shall be constructed in such a manner as to not violate the Ribbon-Development Rules after obtaining the opinion of the concerned Executive Engineer regarding the ribbon development rules regarding the road affecting the road.

(7) If there is a power line, gas line passing through the land in question or a water body or any other applicable margin or restrictions, the construction shall be done by leaving a distance as per rules.

(8) If any public roads pass through the allotted land, they shall be kept open. Also, construction should be done in such a way that natural monsoon water does not stop.

(9) If any of the above conditions are violated, the order to grant the land shall be cancelled the possession of the land will be taken over along with.

According to this order to be recorded in the village office, Mamlatdar Shri, Vallabhipur should implement.

Vallabhipur taluka Moje: Monpur govt. fallen  
598-24-27 sq.m. land from the land of Sr.No. 515 p 1.

SD/-  
Dispatched  
(D.F. Gondalia)  
Chitnish to Collector  
Bhavnagar

SD/-  
(Gaurang Makwana)  
Collector  
Bhavnagar District  
Bhavnagar

**To:**

Executive Engineer,  
Salinity Control Division,  
Bahumali Building, Bhavnagar.

**Copy to:**

- (1) Deputy collector, Shihor.
- (2) D.I.L.R.Shri., Bhavnagar

--This land was measured at government expense in month-1 (one) and the record was corrected with being.

- (3) Mamlatdarshri, Vallabhipur.

--According to this order, since the measurement sheet of the land has been presented by D.I.L.R., Bhavnagar, the possession of the land is to be handed over, according

to the order, it is good to register the certified map and correct village record and send it to the village office.

(4) Talati cum Ministershri, Monpur, Ta. Vallabhipur.

**Copy courtesy mail:-**

(1) Deputy Secretary Shri,

Revenue Department ('C' Branch),

Block No.11, New Sachivalay, Gandhinagar.

--- Please be informed.

(2) Deputy Secretary Shri,

Revenue Department (A-1, Branch),

Block No.11, New Sachivalay, Gandhinagar.

--- Please be informed.

(3) Deputy Secretary Shri,

Forest and Environment Department,

New Sachivalay, Gandhinagar.

-- Please be informed.

Dt:-30/9/23  
Place:- Bhavnagar

*P. K. K.*

Deputy Executive Engineer,

Salinity Control Sub Division,

Talaja.

**Counter Signed by:**

*[Signature]*

Executive Engineer,

Salinity Control Division,

Bhavnagar.

*[Signature]*  
(Sadiq S. Mujawar)  
Deputy Conservator of Forests  
Bhavnagar Forest Division  
Bhavnagar

05 OCT 2023



કલેક્ટર અને જિલ્લા મેજિસ્ટ્રેટની કચેરી,  
મહેસુલ શાખા જિલ્લા સેવા સદન-૧,  
પહેલોમાળ, મોતીબાગ, ભાવનગર : ૩૬૪૦૦૧  
ફોન : ૦૨૭૮-૨૪૨૬૪૮૭ ફેક્સ : ૨૪૨૭૯૪૧  
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નં.જમીન-૪/તબદીલ/૭૮૮૨/૨૦૨૦

તા.૧૬/૦૩/૨૦૨૦

વિષય:-મેથળા બંધારા યોજના કામે જંગલ ખાતાની ડુબમાં જતી જમીનના બદલામાં વળતર વનીકરણના હેતુ માટે વહીવટી હુકમ-૩ હેઠળ જમીન તબદીલ કરવા બાબત.  
વલ્લભીપુર તાલુકાના મોજે.મોણપુરના સરકારી પડતર સ.નં.૫૧૫ પૈ.૧ ની જમીનમાંથી હે.૫૯૮-૨૪-૨૭ ચો.મી જમીન.  
કાર્યપાલક ઇજનેરશ્રી, ક્ષાર અંકુશ વિભાગ, ભાવનગર.

- વંચાણે લીધા:- (૧) કાર્યપાલક ઇજનેરશ્રી, ક્ષાર અંકુશ વિભાગ, ભાવનગરના પત્ર નં.સીબી-મેથળા બંધારા/જમીન તબદીલ/૪૬૯, તા.૨૫/૦૩/૨૦૧૯.
- (૨) પ્રાંત અધિકારીશ્રી, શિહોરના પત્ર નં.જમીન/૧/વશી/૩૯૩/૨૦૧૯, તા.૨૮/૦૫/૨૦૧૯.
- (૩) નાયબ વન સંરક્ષકશ્રી, ભાવનગર વન વિભાગ, ભાવનગરના પત્ર નં.બ/જમન/ટે-૧૧/૨૨૮૬-૮૭/૨૦૧૯-૨૦, તા.૨૦/૦૬/૨૦૧૯,
- (૪) ડી.આઇ.એલ.આર.શ્રી, ભાવનગરના પત્ર નં.ડીએસઓ-૫/એસ.એસ./૨૪૦/૨૦૧૮-૧૯, તા.૦૨/૦૫/૨૦૧૯.
- (૫) કાર્યપાલક ઇજનેરશ્રી, માર્ગ અને મકાન વિભાગ (રાજ્ય), ભાવનગરના પત્ર નં.સીબી/૬૩૩, તા.૨૨/૦૫/૨૦૧૯.
- (૬) કાર્યપાલક ઇજનેરશ્રી, પંચાયત માર્ગ અને મકાન વિભાગ, ભાવનગરના પત્ર નં.ડીપી/સીબી/બીનખેતી/૪૦૬/૨૦૧૯, તા.૨૪/૦૬/૨૦૧૯.
- (૭) અત્રેની કચેરીના પત્ર નં.જમીન-૪/તબદીલ/૭૮૮૨/૨૦૧૯, તા.૫/૬/૨૦૧૯
- (૮) સરકારશ્રીના મહેસુલ વિભાગ, ગાંધીનગરના પત્ર ક્રમાંક : જમન/ ૫૪૧૯/ ૧૨૮૩/અ, તા.૨૦/૦૨/૨૦૨૦.

--- હુકમ ---

કાર્યપાલક ઇજનેરશ્રી, ક્ષાર અંકુશ વિભાગ, ભાવનગર દ્વારા વંચાણે લીધા-(૧) ના દરખાસ્ત પત્રથી વલ્લભીપુર તાલુકાના મોજે.મોણપુરના સરકારી પડતર સ.નં.૫૧૫ પૈ.૧ ની જમીનમાંથી હે.૫૯૮-૨૪-૨૭ ચો.મી જમીન મેથળા બંધારા યોજના કામે જંગલ ખાતાની ડુબમાં

જતી જમીનના બદલામાં વળતર વનીકરણના હેતુ માટે વહીવટી હુકમ-૩ હેઠળ જમીન તબદીલ/વર્ગકેર થવા માંગણી કરવામાં આવેલ.

પ્રસ્તુત માંગણી કામે, પ્રાંત અધિકારીશ્રી, શિહોરના વંચાણે લીધા-(૨) ના પત્રથી માંગણીવાળી જમીન સ્થળે ખુલ્લી છે. આ જમીનમાંથી વિદ્યુતલાઇન પસાર થતી નથી. તેમજ આજુબાજુમાંથી રેલ્વે લાઇન, બંદર કે એરોડ્રોમ આવેલ નથી. આ જમીન અંગે કોઇ કોઇ લીટીગેશન શરૂમાં નથી. સરપંચશ્રી, મોણપુર ગ્રામ પંચાયત દ્વારા સવાલવાળી જમીન જંગલ ખાતાને તબદીલ કરવા વિરોધ દર્શાવેલ છે. પરંતુ સવાલવાળી જમીન મોણપુર ગ્રામ્ય વિસ્તારથી આશરે ૫ કિ.મી દૂર આવેલ હોઇ, કોઇ સાર્વજનિક કે વિકાસ કામે ઉપયોગમાં આવી શકે તેમ નથી. તેમજ કોઇ અન્ય જાહેર હેતુ માટે અનામત રાખવામાં આવેલ નથી. તેમ છતાં મોજે.મોણપુરના સ.નં.૫૧૫ પૈ ૧ ની કુલ જમીન હે.૧૪૦૦-૭૪-૬૯ ચો.મી છે. જેથી માંગણી મુજબ હે.૫૯૮-૨૪-૨૭ ચો.મી જમીન વન વિભાગને તબદીલ કર્યા બાદ હે.૮૦૨-૫૦-૪૨ ચો.મી બાકી રહે છે. જે જમીન ગ્રામ પંચાયતના ભવિષ્યના સાર્વજનિક વિકાસ માટે ઉપયોગમાં લઇ શકાય તેમ છે. વધુમાં સવાલવાળી જમીન "સરકારશ્રી" સદરની હોઇ, ગ્રામ પંચાયતની વાંધા અરજી ગ્રાહ્ય રાખી શકાય તેમ નથી. જે બાબત ધ્યાને લેતાં માંગણીવાળી જમીન વળતર વનીકરણના હેતુ માટે વહીવટી હુકમ-૩ હેઠળ તબદીલ કરવા હકારાત્મક અભિપ્રાય રજૂ કરેલ છે.

નાયબ વન સંરક્ષકશ્રી, ભાવનગરના તા.૨૦/૦૬/૨૦૧૯ ના પત્ર નં.બ/જમન/ટે-૧૧/૨૨૮૬-૮૭/૧૯-૨૦ થી મેથળા બંધારા યોજનાના કામમાં તળાજા તાલુકાના મોજે.મેથળા તથા પ્રતાપરા ગામની અનામત જંગલની જમીન ડુબમાં જતાં વળતર વનીકરણથી વલ્લભીપુર તાલુકાના મોજે.મોણપુરના સ.નં.૫૧૫ પૈ ૧ ની જમીન હે.૫૯૮-૨૪-૨૭ ચો.મી જમીન આપવા સુચિત થયેલ છે. આ જમીન અંગે તપાસ કરાવતાં સુચિત જમીન કાળીયાર રાષ્ટ્રીય ઉદ્યાન, વેળાવદર તાબાના મેવાસા ગામના અનામત જંગલને લગત છે. અને ધાંસીયા ભૂમિ તરીકે વિકાસ કરી શકાય તેવી જમીન છે. વન્યજીવ સંરક્ષણ હેતુથી સદરહુ જમીન યોગ્ય હોય આ જમીન ફાળવવા હકારાત્મક અભિપ્રાય આપેલ છે.

ડી.આઇ.એલ.આર.શ્રી, ભાવનગરના તા.૦૨/૦૫/૨૦૧૯ ના પત્ર નં.ડીએસઓ-૫/એસ.એસ./૨૪૦/૨૦૧૮-૧૯ થી અત્રેની કચેરીના રેકર્ડથી ખરાઇ કરતાં મોણપુર ગામનું ટીપ્પણ/ફેસલ પત્રક ઉપલબ્ધ નહીં હોવાથી ફક્ત સીમતળના નકશાની ચકાસણી કરતાં નકશામાં સવાલવાળી જમીન અન્ય કોઇ આસામીને આપેલ હોવાનું જણાતુ નથી. જેથી માંગણીવાળા નકશા મુજબ જમીન ગ્રાન્ટ કરવામાં આવે તો હરકત સરખું નથી. તેમ અભિપ્રાય રજૂ કરેલ છે.

વધુમાં વંચાણે લીધા-(૫) અને (૬) ના પત્રથી સંબંધકર્તા અધિકારીશ્રીઓ દ્વારા તેઓના ખાતાને લગતાં કાયદા/નિયમોની ચકાસણી કરીને મેથળા બંધારા યોજના કામે જંગલ ખાતાની

ડુબમાં જતી જમીનના બદલામાં વળતર વનીકરણના હેતુ માટે જમીન તબદીલ/કાઠવવા માટે હકારાત્મક અભિપ્રાયો રજૂ કરેલ છે.

કાર્યપાલક ઇજનેરશ્રી, ક્ષાર અંકુશ વિભાગ, ભાવનગરની મેથળા બંધારા યોજના કામે જંગલ ખાતાની ડુબમાં જતી જમીનના બદલામાં વળતર વનીકરણના હેતુ માટે જમીન મળવાની માંગણી કામે ઉપરોક્ત વિગતેના સંબંધિત સક્ષમ અધિકારીશ્રીઓ તરફથી રજૂ થયેલ હકારાત્મક અહેવાલ ધ્યાને લઈ, અત્રેની કચેરીના વંચાણે લીધા-(૭) ના પત્રથી વલ્લભીપુર તાલુકાના મોજે.મોણપુરના સરકારી પડતર સ.નં.૫૧૫ પૈ.૧ ની જમીનમાંથી હે.૫૯૮-૨૪-૨૭ ચો.મી જમીન મેથળા બંધારા યોજના કામે જંગલ ખાતાની ડુબમાં જતી જમીનના બદલામાં વળતર વનીકરણના હેતુ માટે ગુજરાત જમીન મહેસૂલ નિયમો-૧૯૭૨ ના નિયમના વહીવટી હુકમ-૩ નીચે રાજ્ય સરકારશ્રીના "વન અને પર્યાવરણ વિભાગ - હસ્તે નાયબ વન સંરક્ષકશ્રી, ભાવનગર વન વિભાગ, ભાવનગર" ના નામે તબદીલ કરવા અત્રેનો સ્પષ્ટ અભિપ્રાય થતો હોય, આ અંગે સરકારશ્રીના યોગ્ય તે મંજૂરી હુકમ મેળવી આપવા, સરકારશ્રીના મહેસૂલ વિભાગ, ગાંધીનગરને દરખાસ્ત પાઠવવામાં આવેલ.

અત્રેની કચેરીની ઉક્ત દરખાસ્ત અન્વયે, સરકારશ્રીના મહેસૂલ વિભાગ, ગાંધીનગરના વંચાણે લીધા-(૮) ના પત્રથી વલ્લભીપુર તાલુકાના મોજે.મોણપુરના સરકારી પડતર સ.નં.૫૧૫ પૈ.૧ ની જમીનમાંથી હે.૫૯૮-૨૪-૨૭ ચો.મી જમીન ગુજરાત સરકારશ્રીના "વન અને પર્યાવરણ વિભાગ- હસ્તે નાયબ વન સંરક્ષકશ્રી, ભાવનગર વન વિભાગ, ભાવનગર" ના નામે મહેસૂલ વિભાગના પરિપત્ર ક્રમાંક : જમન-૩૯૦૭-૧૯૯૩-અ, તા.૧૮/૦૧/૨૦૦૮ માં જણાવેલ શરતો અને સૂચનાઓ અન્વયે હુકમ કરવા મંજૂરી આપેલ છે.

સબબ, વલ્લભીપુર તાલુકાના મોજે.મોણપુરના સરકારી પડતર સ.નં.૫૧૫ પૈ.૧ ની જમીનમાંથી હે.૫૯૮-૨૪-૨૭ ચો.મી જમીન મેથળા બંધારા યોજના કામે જંગલ ખાતાની ડુબમાં જતી જમીનના બદલામાં વળતર વનીકરણના હેતુ માટે ગુજરાત સરકારશ્રીના "વન અને પર્યાવરણ વિભાગ - હસ્તે નાયબ વન સંરક્ષકશ્રી, ભાવનગર વન વિભાગ, ભાવનગર" ના નામે તબદીલ/વર્ગફેર કરવા આથી હુકમ કરવામાં આવે છે .

જમીનની વિગત	તબદીલીની વિગત	ચતુઃદિશા
વલ્લભીપુર તાલુકાના મોજે.મોણપુરના સરકારી પડતર સ.નં.૫૧૫ પૈકી ૧ ની જમીનમાંથી હે.૫૯૮-૨૪-૨૭ ચો.મી. જમીન.	"વન અને પર્યાવરણ વિભાગ - હસ્તે નાયબ વન સંરક્ષકશ્રી, ભાવનગર વન વિભાગ, ભાવનગર"	પૂર્વ - ગણેશગઢ ગામનો સીમાડો. પશ્ચિમ - રે.સ.નં.૫૧૫ પૈ. ની જમીન. ઉત્તર - માલીકીની જમીન તથા મેવાસાનો સીમાડો. દક્ષિણ - રે.સ.નં.૫૧૫ ની જમીન.

:-: શરતો :-:

- (૧) સવાલવાળી જમીન "શ્રી સરકાર" તરીકે રહેશે.
- (૨) પ્રશ્નવાળી જમીન જે હેતુ માટે આપવામાં આવેલ છે. તે હેતુ માટે જ તેનો ઉપયોગ કરવાનો રહેશે.
- (૩) સવાલવાળી જમીન કોઈપણ પ્રકારે તબદીલ કે હેતુકેર કરી શકાશે નહીં.
- (૪) જમીનનો બે વર્ષમાં ઉપયોગ કરવાનો રહેશે.
- (૫) આ જમીનની માપણી ડી.આઈ.એલ.આરશ્રી, ભાવનગર પાસે કરાવીને, બાંધકામના નકશા મંજૂર કરાવીને બાંધકામ કરવાનું રહેશે. તેમજ મામલતદારશ્રી, વલ્લભીપુરમાં માપણીશીટ રજુ થયા બાદ સર્કલ ઓફિસરશ્રી સાથે રહી કબજા સોંપણીની કાર્યવાહી કરવાની રહેશે.
- (૬) સવાલવાળી જમીનને અસરકર્તા રોડ અંગે સંબંધિત કાર્યપાલક ઇજનેરશ્રીના રીબન ડેવલપમેન્ટ રૂલ્સ અંગે અભિપ્રાય મેળવી નિયમાનુસાર રીબન-ડેવલપમેન્ટ રૂલ્સનો ભંગ ન થાય તે મુજબ બાંધકામ કરવાનું રહેશે.
- (૭) સવાલવાળી જમીનમાંથી વીજલાઇન, ગેસલાઇન પસાર થતી હોય કે વીટરબોડી કે અન્ય કોઈ લાગુ પડતા માર્જીન કે નિયંત્રણો હોય તો તે મુજબ નિયમોનુસાર અંતર છોડી બાંધકામ કરવાનું રહેશે.
- (૮) ફાળવેલ જમીનમાંથી જો કોઈ જાહેર રસ્તાઓ પસાર થતા હોય, તો તે ખુલ્લા રાખવાના રહેશે. તેમજ ચોમાસાના કુદરતી પાણી અટકે નહીં તે રીતે બાંધકામ કરવાનું રહેશે.
- (૯) ઉપર્યુક્ત શરતો પૈકી કોઈપણ પ્રકારનો શરતભંગ થશે તો જમીન આપવાનો હુકમ રદ કરીને ઈમલા સહીત જમીનનો કબજો સંભાળવામાં આવશે.  
આ હુકમ મુજબ ગામ દફતરે નોંધ કરવા મામલતદારશ્રી, વલ્લભીપુરએ અમલવારી કરવી.

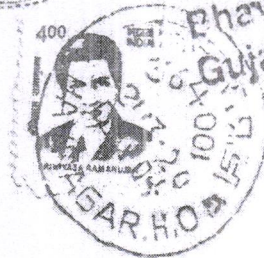
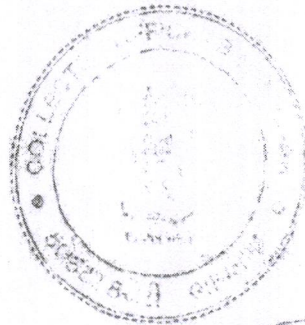
વલ્લભીપુર તાલુકાના મોજે.મોણપુરના સરકારી પડતર  
સ.નં.૫૧૫ પૈકી ૧ ની જમીનમાંથી હે.૫૯૮-૨૪-૨૭ ચો.મી જમીન.

રવાના કર્યું  
MVB  
(ડી.એફ.ગોડલીયા)  
ચીટનીશ કલેક્ટર

ભાવનગર

પ્રતિ,  
કાર્યપાલક ઇજનેરશ્રી,  
ક્ષાર અંકુશ વિભાગ,  
બહુમાળી ભવન, ભાવનગર.

Valtar vanikaran Monpur Order 7882



(ગીરાંગ મકવાણા)

કલેક્ટર

ભાવનગર જિલ્લો

ભાવનગર, ૨૩/૩/૨૦૨૧

Dispatch Clerk :  
Collector Office  
Bhavnagar  
Gujarat-364001.



નકલ રવાના:

- (૧) પ્રાંત અધિકારીશ્રી, શિહોર.  
(૨) ડી.આઇ.એલ.આર.શ્રી, ભાવનગર

---આ જમીનની માસ-૧(એક) માં સરકારી ખર્ચે માપણી કરાવી રેકર્ડ દુરસ્તી થવા સારું.

- (૩) મામલતદારશ્રી, વલ્લભીપુર.

---આ હુકમ મુજબ અમલવારી કરી, ડી.આઇ.એલ.આર.શ્રી, ભાવનગર તરફથી જમીનની માપણીશીટ રજુ થયેથી જમીનના સ્થળે કબજો સુપ્રત કરવો, હુકમ અન્વયે ગામ દફતરે નોંધ કરાવી પ્રમાણિત નકશા તથા દુરસ્ત ગામ રેકર્ડના આધારે અત્રેને મોકલી આપવા સારું.

- (૪) તલાટી કમ મંત્રીશ્રી, મોણપુર, તા.વલ્લભીપુર.

નકલ સવિનય રવાના:-

- (૧) નાયબ સચિવશ્રી,

મહેસુલ વિભાગ (ગ' શાખા),

બ્લોક નં.૧૧, નવા સચિવાલય, ગાંધીનગર.

--- જાણ થવા વિનંતી છે.

- (૨) નાયબ સચિવશ્રી,

મહેસુલ વિભાગ (અ-૧, શાખા),

બ્લોક નં.૧૧, નવા સચિવાલય,

ગાંધીનગર.

--- જાણ થવા વિનંતી છે.

- (૩) ઉપ સચિવશ્રી,

વન અને પર્યાવરણ વિભાગ,

નવા સચિવાલય,

ગાંધીનગર.

--- જાણ થવા વિનંતી છે.

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

Ex. Eng. S. C. Dn.  
Bhavnagar.

BRANCH

PB

Invoice No.

2304

Date

5/10/20

05 OCT 2023

Page 5 of 5

**Converted into English From Original Village Sample Number - 7:**

**Village Sample Number - 7**

Block/Survey Number: 515 p 1/ p 1

Village/Place : Monpur

Authority Type : Government land

Taluka : Vallbhipur

Farm name :

District : Bhavnagar

Other Details :

Land	Area(ha.)	Account Number/Area/shape	Note numbers and holders
Waste land	598-24-27		418,5680
.....	.....	.....	.....
Total Area	598-24-27	1471   598-24-27   0.00	Shri Sarkar(5680)
Shape	0.00		
Judi and Privilege	0.00		
Water share	0.00		
Other Details	Details of encumbrances and other rights		
	6413, ..... Bhavnagar's Collector Order No. Jamin-4/Tabdil/7882/2020 dated 19-03-2020 of Government of Gujarat for the purpose of compensatory afforestation.  Bhavnagar's Collector Order No. Jamin-4/Tabdil/7882/2020 dated 19-03-2020 for the purpose of compensatory afforestation of the Government of Gujarat<5680>  "Department of Forests and Environment - Deputy Conservator of Forests, Bhavnagar Forest Department, Bhavnagar"<6413>		

Dt:-30/11/23.  
Place:-Bhavnagar.

**Counter Signed by:**

*[Signature]*  
Deputy Executive Engineer,  
Salinity Control Sub Division,  
Talaja.

*[Signature]*  
Executive Engineer,  
Salinity Control Division,  
Bhavnagar.

Last Note Effects As on Date:02/06/2023 02:14:45

Courtesy: National Center of Instruction-Science, State of Gujarat.

*[Signature]*  
**(Sadik S. Mujawar)**  
Deputy Conservator of Forests  
Bhavnagar Forest Division  
Bhavnagar

05 OCT 2023

ગામ નમૂનો નંબર ૭

R-2

બ્લોક/ સરવે નંબર: ૫૧૫ પૈકી ૧/ 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	૫૯૮-૨૪-૨૭		૪૧૮,૫૬૮૦,
કુલ ક્ષેત્રફળ	૫૯૮-૨૪-૨૭	૧૪૭૧   ૫૯૮-૨૪-૨૭   ૦.૦૦	શ્રી સરકાર(૫૬૮૦)
આકાર રુ.	૦.૦૦		
જુડી તથા વિષેશધારો રુ	૦.૦૦		
પાણીભાગ રુ.	૦.૦૦		
ગણોતિયાની વિગતો	બીજા હકો અને બોજાની વિગતો		
	૬૪૧૩, 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<૦> 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> " વન અને પર્યાવરણ વિભાગ - હસ્તે નાયબ વન સંરક્ષકશ્રી, ભાવનગર વન વિભાગ, ભાવનગર" <૬૪૧૩ >		

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

05 OCT 2023



1140223091559786



Digitally signed by:  
 DS REVENUE DEPARTMENT  
 GOVERNMENT OF GUJARAT  
 Date: 01-09-2023 11:40:16 IST  
 MAMLATDAR OFFICE, VALLABHIPUR

#-નામંજુર &-તકરારી \*-૨૬

છેલ્લી નોંધની અસર આપ્યા તા.02/06/2023 02:14:45 ની સ્થિતિએ

સૌજન્ય : રાષ્ટ્રીય સૂચના-વિજ્ઞાન કેન્દ્ર, ગુજરાત રાજ્ય

વેચાણની નકલ/ Chargable Copy અંકે રૂ. ૫.૦૦/- (રૂપીયા પાંચ પુરા).

## Annexure-19

**Proposed Afforestation Model For Compensatory Afforestation is based on APCCF, Land, Gujarat State,  
Gandhinagar's letter no. JMN/31/B/4638-4703, Dt. 09-01-2013  
( Compensatory Afforestation For Saurashtra (Grass Land) )**

Detailed scheme of Compensatory Afforestation for Non Forest Land 300 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 :-**

District	Taluka	Range	Village	Survey No.	Area
Bhavnagar	Vallabhipur	Vallabhipur	Monpur	515 Pt	300.00
<b>Total</b>					300.00

**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 For Saurashtra (Grass Land)

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

(i)	The Compensatory Afforestation on Non Forest 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 300 ha. area. The total afforestation cost will be about Rs. 360870000 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 Areas. The prevailing wage rate is 441 per day.		
b	Spacement	3 m x 3 m (Actual Planting spacement on the earthen embankment)		
c	Species to be planted (No. of plants per ha.)	Pilu	175	65cm
		Unt Morad	50	65cm
		Desibaval	175	65cm
		Grass Zinzavo	11 Kg	Seeds
		Total	400	
Sr. No.	Details	Specifications		
d	Nursery Technique	Nine months old polypot raised plants will be planted at the onset of monsoon.		

05 OCT 2023

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

ANNEXURE – 11SALINITY CONTROL DIVISION – BHAVNAGARUNDERTAKING TO PAY THE COST OF COMPENSATORY  
AFFORSTATION

Proposed area are required for methala Bandhara Scheme by the Narmada, Water Resources, Water Supply & Kalpsar Deptt. Forest area of about 598-24-27 Hactors comes under submergence of above scheme. All condition imposed by Government of India required for Compensatory afforestation under forest conservation Act – 1980 will be implemented, on prior approval from competent authority of Gujarat state.

Date : 30-9-2023

Place : Bhavnagar

*P. Pathak*

Deputy Executive Engineer,  
Salinity Control Sub Division,  
Talaja

*Trayewar*

Executive Engineer,  
Salinity Control Division,  
Bhavnagar

*Jadil*

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

05 OCT 2023

## BENEFIT-COST RATIO

**Methala Bandhara across River Bagad near village Methala in Talaja Taluka of Bhavnagar District**

- (i) While considering proposal for diversion of forest land for non-forestry use, it is essential that ecological and environmental losses and eco-economic distress caused to the people who are displaced are weighted against economic and social gains.
- (ii) Whenever the forest land is involved in the development projects, the cost of ecosystem services and fragmentation of habitat of wildlife and economic distress caused to people dependent on forests and the cost of settlement of people dependent on forest should also be added as the cost of forest diversion in addition to the standard project cost which would have been incurred by the user agencies without involvement of forest land while conducting the cost benefit analysis of the project. Similarly, the benefits from the project accruing due to diversion of forest land and used in the project should also be accounted for in the benefits component in addition to the standard benefits of the project which would have been accrued without involvement of forest land while conducting the cost benefit analysis and determining the benefit and cost ratio (BC ratio).
- (iii) The cost of compensatory afforestation and its maintenance in future and soil & moisture conservation at present discounted value and future benefits from such Compensatory Afforestation accruing over next 50 years monetized and discounted to the present value should be included as cost and benefits respectively of compensatory afforestation while conducting the cost benefit analysis and determining the benefit and cost ratio (BC ratio).
- (iv) **Table-A** lists the details the types of projects involving forest land for which cost-benefit analysis will be required. **Table-B** lists the parameters according to which the cost aspect of forest land diverted for the development projects will be determined, while **Table-C** lists the parameters for assessing the benefits accruing to the project using of forest land.
- (v) A cost-benefit analysis as above should accompany the proposals sent to the Central Government for forest clearance under the Forest Conservation Act.

**Table-A: Cases under which a cost-benefit analysis for forest diversion are required**

S. No.	Nature of proposal	Applicable/ not applicable	Remarks
1	All categories of proposals involving forest land upto 20 hectares in plains and upto 5 hectare in hills.	Not applicable	These proposals may be considered on a case-to-case basis and value judgment.
2	Proposal for defence installation purposes and oil prospecting (prospecting only).	Not applicable	In view of national Priority accorded to these sectors, the proposals would be critically assessed to help ascertain that the utmost minimum forest land is diverted for non-forest use.
3	Habitation, establishment of industrial units, tourist lodges complex and other building construction.	Not applicable	These activities being detrimental to protection and conservation of forest, as a matter of policy, such proposals would be rarely entertained.
4	All other proposals involving forest land more than 20 hectares in plains and more than 5 hectares in hills including roads, transmission lines, minor, medium and major irrigation projects, hydro projects, mining activity, railway lines, location specific installations like micro-	Applicable	These are cases where a cost-benefit analysis is necessary to determine when diverting the forest land to non-forest use in the overall public interest.

wave stations, auto repeater centers, TV towers etc.		
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**Table-B: Estimation of cost of forest diversion**

S. No.	Parameters	Remarks										
1	Ecosystem services losses due to proposed forest diversion.	Economic value of loss of eco-system services due to diversion of forests land and in this project total forest land to be diverted is 598.2427 ha. Hence, following are the calculations are made on the basis of NPV Guidelines issued by Government of India, Ministry of Environment, Forest and Climate Change. (Forest Conservation Division). New Delhi vide no. File No.5-3/2011-FC(Vol-1) dated 6th January 2022. <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Particulars</th> <th>Area</th> <th>X</th> <th>NPV Rate</th> <th>Amount</th> </tr> </thead> <tbody> <tr> <td>Dam</td> <td>598.2427</td> <td></td> <td>670140</td> <td>400906363</td> </tr> </tbody> </table> <p><b>= Rs. 4009.06 Lakhs</b></p>	Particulars	Area	X	NPV Rate	Amount	Dam	598.2427		670140	400906363
Particulars	Area	X	NPV Rate	Amount								
Dam	598.2427		670140	400906363								
2	Loss of animal husbandry productivity, including loss of fodder.	Estimated loss of animal husbandry productivity due to diversion of @ 10% of NPV $10\% \times 670140 \times 598.2427 \text{ha} = \text{Rs. } 400.90 \text{ Lakhs}$										
3	Cost of human resettlement.	Loss of Human Settlement = Rs. 0 Lakhs										
4	Loss of public facilities and administrative infrastructure (Roads, building, schools, dispensaries, electric lines, railways, etc.) on forest land, which would require forest land if these facilities were diverted due to the project.	Loss of public facilities and administrative infrastructure (Roads, building, schools, dispensaries, electric lines, railways, etc.) on forest land. Hence, Rs. 0 Lakhs										
5	Possession value of forest land diverted.	Nil										
6	Cost of suffering to oustees.	Nil										
7	Habitat Fragmentation Cost.	While the relationship between fragmentation and forest goods and services is complex, for the sake of simplicity the cost due to fragmentation has been pegged at 50% of NPV applicable as a thumb rule. Hence, 50% of NPV = 2004.53 Lakhs										
8	Compensatory Afforestation and soil & moisture conservation cost.	The actual cost of compensatory afforestation scheme for an area of 598.2427 ha and soil & moisture conservation and its maintenance in future = Rs.7956.08 Lakhs										
9	Total cost Rs.	14370.57 Lacs.										

**Table-C-Existing guidelines for estimating benefits of forest-diversion in CBA**

Sr. No.	Parameters	Remarks
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1	Increase in productivity attribute to the specific project.	a) Net increase in agricultural produce for 50 years Rs. 764.63 Lakhs b) Animal husbandry produce 10% of NPV 4009.06 x 10% = Rs. 400.90 Lakhs
2	Benefits to economy due to the specific project.	It is assumed that there will be an overall benefit to the economy at agricultural worked out under parameter 1 (a).
3	No. of population benefited due to specific project.	Overall all 10 villages will be benefited in the 'command areas due to this project. Total population of these villages is 20000 persons'. Total number of families benefited will be @ 4000 family. It is assumed that there will be an overall benefit to the economy at agricultural worked out under parameter 1 (a).
4	Economic benefits due to of direct and indirect employment due to the project.	a) Employment generated during construction period. Generally, in construction project, ratio of labour component cost to material component cost is 30.70. The total cost of the project is 23367 Lakhs labour employment will be about 30% of Rs.7010.10 Lakhs. The employment potential generated assuming the labour wages of Rs. 441/day (average) in monitory terms the employment potential will be assumed that there will be an overall benefit to the economy at agricultural worked out under parameter 1 (a). b) After completion of the project it has been assessed from the statistics available for the irrigation project in operation that a labour potential of 73 mandays/Ha. year is generated perennially due to employment in the fields and in agro based industries in case of this project the irrigable command area is 6550 Ha. assumed that there will be an overall benefit to the economy at agricultural worked out under parameter 1 (a). c) Drinking water Benefits not assumed that there will be an overall benefit to the economy at agricultural worked out under parameter 1 (a).
5	Economic benefits due to Compensatory afforestation.	Rs.7956.08 Lakhs
6	Total cost Rs.	Rs.42121.61 Lakhs

### Cost-Benefit Analysis

#### Calculations of Benefit Cost Ratio

Total Cost (as per Table B calculations) = 14370.57 lacs

Total Benefit (as per Table-C calculations) = 42121.61 lacs

Benefit/Cost Ratio = 2.93

Dt:- 30/09/23.

Place:- Bhavnagar.

*S. S. Ghosh*

Deputy Executive Engineer  
Salinity Control Sub Division  
Talaja

*(Sadik S. Mujawar)*  
Deputy Conservator of Forests  
Bhavnagar Forest Division  
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Executive Engineer  
Salinity Control Division  
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05 OCT 2023