

**OFFICE OF THE PRINCIPAL CHIEF CONSERVATOR OF FORESTS  
(HEAD OF FOREST FORCE), MAHARASHTRA STATE, NAGPUR**

ADDITIONAL PRINCIPAL CHIEF CONSERVATOR OF FORESTS AND NODAL OFFICER, MAHARASHTRA STATE, NAGPUR,  
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No. Desk-17/Nodal/Dhule/ID-12942/2379 /2022-23  
Nagpur – 440 001, Date :- 13/12/2022

To,

The Assistant Inspector General of Forests (FC Division)  
Government of India,  
Ministry of Environment, Forest and Climate Change  
(Forest Conservation Division)  
Indira Paryavaran Bhavan,  
New Delhi 110003.

Sub:- Diversion of 73.94 ha forest land for construction of Kareghat Minor Irrigation Tank at Kareghat, Tal. Nawapur, District Nandurbar in the State of Maharashtra (Online No. FP/MH/IRRIG/61238/2020) - regarding.

Ref:- 1) Government of India, MoEF&CC,(FC Division) New Delhi vide letter No. File No.8-28/2022-FC, dated 3/11/2022.  
2) The Conservator of Forests (T), Dhule vide letter No. Desk-5/Nodal/C.R.No.195, dated 01/12/2022

Sir,

The Government of India, Ministry of Environment, Forest and Climate Change, New Delhi vide letter under reference No.1 has sought compliance on 14 points. Accordingly, the Conservator of Forests (T), Dhule vide letter under reference No. 2 has submitted the compliance of shortcoming in this regard to this office. The compliance report as desired by Government of India vide letter dt.03/11/2022 is submitted as under:-

Sr.No.	Points	Compliance
i	As per DSS analysis, according to the administrative boundary provided by the Survey of India and available on the DSS web-portal, part of area proposed for diversion is falling within the state of Gujarat. This needs clarification and further necessary action as per ground situation	The revised Survey of India Topo sheet map is enclosed herewith ( <b>Annexure No.I &amp; II</b> ).  There is no encroachment in Gujarat State (Forest). All Kareghat Dam and Nalla diversion is within Maharashtra State Boundary.
ii	The State Govt. has recommended the proposal subject to a condition that the CF Dhule and DCF Nandurbar	The proposed area at present is Kareghat Conservation Reserve which is not a 'Protected Area' as per the definition under WLPS, 1972. The Site Inspection Report is enclosed herewith alongwith geo-

	shall ensure that the proposed area is outside the confines of Kareghat Conservation Reserve and submit SIR in this regard before Stage-1 approval. However, no such document has been submitted and the recommendation of the State Govt. is therefore not complete in this regard.	<p>tagged photos (<b>Annexure No.III</b>).</p> <p>Three site visits two by DCF &amp; one by the CCF (T), Dhule has been done. Proposed area 73.94 ha. of Kareghat is not part of Conservation reserve.</p>
iii	The DFO in his Site Inspection Report has mentioned that the forest land to be diverted is included in proposed Kareghat Conservation Reserve. The comments/ recommendation of CWLW in this regard shall be submitted.	<p>The PCCF (WL), Maharashtra State vide letter No. Desk-23(2)/WL/Survey/C.R.No.136(Nodal)/2403, dated 17/12/2021 has given recommendation as under:-</p> <p>The proposed area in Dhule circle, Nandurbar Division an area of 92.92 sq.km. from the Kareghat Conservation, at present the area is not a 'Protected Area' as per the definition under WLPS, 1972. Hence, Wildlife Clearance not required. The copy of the same is enclosed herewith as (<b>Annexure No. IV</b>)</p>
iv	The detail of the alternatives examined and the justification/ reason for selecting the proposed alternative shall be submitted.	<p>The proposed site is considered downstream of proposed site the forest land will require more. If the project site is considered upstream of proposed site dam length will increase resulting requirement of more forest land and less water storage. As the area required for the proposed site is barest minimum the proposed site for the Minor Irrigation Tank at Kareghat, Tal. Nandurbar, Dist. Nandurbar is most suitable from Technical, Economical and Forest Point of view.</p> <p>There is no suitable alternative non forest land is available.</p>
v	As per online Part-II the proposed forest land is slightly susceptible to erosion E-3. Therefore, constructing a Dam in the area prone to erosion needs clarification	As there is very less erosion hence forth no any requirement for erosion. The revised Part-II is enclosed herewith as ( <b>Annexure No.V</b> )
vi	The user agency has reported that the proposed Compt. No. 41A, 42A & B within 73.94 ha forest land for diversion falls in the Scheduled Tribal Area. This needs clarification.	The project will benefit 3 villages namely Khokarpada, Kareghat, Lakkadkot in Nandurbar District. The Grampanchat Kareghat Tal. Navapur Dist. Nandurbar has NoC to complete the proposed project. The copy of the same is enclosed herewith as ( <b>Annexure No.VI</b> ). Also Tahsildar, Navapur has given certificate under PESA ( <b>Annexure No.VII</b> )
vii	The copy of the approved CAT plan as per provisions contained	The project is minor irrigation tank. It's submergence is very less. Hence, CAT Plan is not necessary to the

	in Handbook of guidelines dated 28.03.2019 is required to be submitted.	project.
viii	The Cost Benefit analysis is required to be submitted on the prescribed format keeping in view the revised NPV rates issued vide MoEF&CC letter dated 06.01.2022.	Revised cost Benefit Analysis is enclosed herewith as <b>(Annexure No.VIII)</b>
ix	The State Govt. vide letter dated 12.09.2022 has informed that the total Non-forest land involved in the project is 77.54 ha, whereas the user agency in online Part-I has mentioned that the requirement of non-forest land is NIL. This discrepancy needs clarification. The detail and KML file of the non-forest land required shall also be submitted	The non forest area 3.60 ha. involved in the project for canal only. The copy of the area statement is enclosed herewith as <b>(Annexure No.IX)</b>
x	As per DSS analysis, the calculated area (as per KML file) of forest land proposed for diversion is 78.110 ha instead of 73.94 ha as given in proposal. This needs clarification and submission of correct KML file accordingly.	The proposed area is 73.94 ha. only the revised KML file is enclosed herewith as <b>(Annexure No.X)</b>
xi	The State Govt. shall upload the DGPS map showing the component wise requirement of forest land and the latest Survey of India topo-sheet showing the proposed forest land for diversion on PARIVESH.	The revised DGPS map, latest Survey of India topo sheet showing proposed forest land for diversion is enclosed herewith as <b>(Annexure No.II)</b> .
xii	The State Govt. has not submitted the copy of revenue documents indicating that the area proposed for CA is Non-forest land and free from all encumbrances. Further in the online part-1 of the application form, a copy of technical sanction order has been uploaded against the ownership proof of CA land. The reason for	The 7/12 extract and copy of the mutation entry is enclosed herewith as <b>(Annexure No.XI &amp; XII)</b>

	the same shall be explained	
xiii	The State Govt. has reported that 87.00 ha area has been selected for Compensatory Afforestation whereas the KML file comprising 152.161 ha area has been uploaded on PARIVESH. Moreover, the site suitability certificate has been submitted for an area of 91.26 ha This needs clarification and correct detail of the area proposed for CA along with the site suitability certificates, maps, KML file and CA scheme is required to be submitted	Compensatory Afforestation area has been provided to Forest Department is 91.26 ha. but DCF, Dhule has given suitability certificate for 87.00 ha. remaining 4.26 ha. land for Compensatory afforestation is not suitable for plantation. The revised suitability certificates ( <b>Annexure No.XIII</b> ), Village maps CA of land ( <b>Annexure No.XIV</b> ), CA scheme ( <b>Annexure No.XV</b> ) and KML file are enclosed herewith as
xiv	Satellite imagery shows the presence of Roads, Settlements and Agriculture land within the proposed CA site which indicates that the area is not free from all encumbrances. The State Govt. shall ensure that the area free from all encumbrances is provided for the purpose of Compensatory Afforestation.	The proposed C.A area of non forest land. It is handed over to Forest Department, at present the proposed Compensatory Afforestation land is suitable for plantation and free from encroachment all encumbrances.  Roads are internal roads they are useful for internal movement of Forest Department

The above shortcomings compliance is submitted along with Annexure , Therefore, it is requested to process the compliance report for approval under section-2 (ii) of the Forest (Conservation) Act-1980, at the earliest.

**Encl:- As above**

Yours sincerely,

(Naresh Zurmure)

**Additional Principal Chief Conservator of Forests  
& Nodal Officer**

Copy submitted with enclosures to the Principal Secretary (Forest), Revenue & Forest Department, Mantralaya, Mumbai -32 for information.

Copy to the Conservator of Forests (T), Dhule for information.

Copy to the Deputy Conservator of Forests, Nandurbar Forest Division, Shahada for information.

Copy to the Executive Engineer, Nandurbar Medium Project Division Unit Nandurbar for information.



वन विभाग

प्रधान मुख्य वनसंरक्षक (वनबल प्रमुख) महाराष्ट्र राज्य, यांचे कार्यालय

O/o Principal Chief Conservator of Forests (HoFF), Maharashtra State

Phone No.- 0712-2560953

प्रधान मुख्य वनसंरक्षक (वन्यजीव) महाराष्ट्र राज्य,

E-mail - pccfwlmgp@mahaforest.gov.in

Principal Chief Conservator of Forest (Wildlife) Maharashtra State

Website - www.mahaforest.gov.in

"Van Bhavan", 3<sup>rd</sup> Floor, Ramgiri Road, Civil Lines, Nagpur 440 001.

क्रमांक :- कक्ष-२३(२)/वजी/सर्व्हे/प्र.क्र.१३६(नोडल)/०४०३/२०२१-२२ दिनांक १०/१२/२०२१

### कार्यालयीन टिपणी

विषय:- Proposal for diversion of 73.94 ha. forest land under Forest (Conservation) Act, 1980 for construction of Kareghat Minor Irrigation Tank is Irrigated at Kareghat, Tal. Nawapur, Dist. Nandurbar in the State of Maharashtra.

संदर्भ:- १) अपर प्रधान मुख्य वनसंरक्षक व केंद्रस्थ अधिकारी म.रा.नागपूर यांनी विषयांकीत प्रकरणी मुख्य वन्यजीव रक्षक, म.रा. यांचे अभिप्रायासाठी सादर केलेली नस्ती क्रमांक- 12942.  
२) वनसंरक्षक (प्रादेशिक), धुळे यांना उद्देशून लिहलेले आपले कार्यालयीन पत्र क्र.कक्ष-१७/नोसेल/पूणे/ID-१३०२१ (२३)/१६७५, दि. ०१/१२/२०२१.

संदर्भीय पत्रान्वये विषयांकित प्रकरणीचा प्रस्ताव मुख्य वन्यजीव रक्षक, महाराष्ट्र राज्य, यांचे अभिप्रायास्तव या कार्यालयास दिनांक ०७/१२/२०२१ रोजी टिपणीसह प्राप्त झाला. प्रस्तुत प्रस्तावाचे तांत्रिक संस्करण केले असता, खालील बाबी निदर्शनास येतात.

- प्रस्तुत प्रस्ताव लघु पाटबंधारे नाशिक विभाग, यांचे अधिनस्त असून, सदर प्रस्तावामध्ये ७३.९४ हे. राखीव वन प्रस्तावित आहे.
- सदर प्रस्तावामध्ये प्रस्तावित असलेल्या क्षेत्राचे स्थळ निरीक्षण उपवनसंरक्षक, नंदुरबार वनविभाग, शहादा यांनी केले आहे.
- उपवनसंरक्षक, नंदुरबार वनविभाग, शहादा यांनी केलेल्या स्थळ निरीक्षण अहवालामध्ये प्रस्तावित क्षेत्र कारेघाट संरक्षित क्षेत्रात येतो, असे आपले संदर्भ पत्र २ अन्वये वनसंरक्षक (प्रादेशिक), धुळे यांना कळविण्यात आलेले आहे.
- वरील बाबींचे अनुषंगाने प्रस्तावातील पृष्ठ क्र. ५२ वरील उपवनसंरक्षक नंदुरबार वनविभाग, शहादा यांचे स्थळ निरीक्षण अहवालामध्ये कारेघाट संवर्धन राखीव प्रस्तावित आहे, असे स्पष्ट नमूद केलेले आहे. त्यामूळे आपले संदर्भ पत्र २ मधील विधान आणि उपवनसंरक्षक नंदुरबार वनविभाग, शहादा यांचे स्थळ निरीक्षण अहवालानुसार विसंगती आहे.

- कारेघाट येथील सुमारे ९२.९२ चौ.कि.मी. क्षेत्र हे संवर्धन राखीव करण्यासाठी, प्रस्तावित आहे. परंतु सदर प्रस्ताव क्षेत्रीय स्तरावरून या कार्यालयास आज दिनांक ०८/१२/२०२१ पर्यंत प्राप्त झालेला नाही.
- प्रस्तावित कारेघाट संवर्धन राखीव क्षेत्राचा प्रस्ताव प्राप्त झालेनंतर, विहित मार्गाने शासनास सादर केल्यानंतर पुढील कार्यवाही शासन स्तरावरून होणार आहे. भविष्यात सदर क्षेत्र घोषित करण्यासाठी, निश्चित किती कालावधी लागेल, ही बाब सुध्दा अनिश्चित आहे.

वरील बाबी लक्षात घेता, सद्यस्थितीत कारेघाट संवर्धन राखीव क्षेत्र निर्मिती न झाल्यामुळे, लघु पाटबंधारे विभागाने सादर केलेल्या प्रस्तावानुसार, पुढील कार्यवाही करण्यास हरकत नाही. यासोबत आपणाकडून प्राप्त झालेली मुळ नस्ती परत पाठविण्यात येत आहे.

सहपत्र- वरील प्रमाणे (मुळ नस्ती)

(सुनील लिसये)  
 प्रधान मुख्य वनसंरक्षक (वन्यजीव)  
 महाराष्ट्र राज्य

प्रति,  
 अपर प्रधान मुख्य वनसंरक्षक तथा केंद्रस्थ अधिकारी,  
 महाराष्ट्र राज्य, नागपूर.

प्रतिलिपी- वनसंरक्षक (प्रादेशिक), धुळे यांना माहिती व योग्य त्या कार्यवाहीस अर्पित.

**SITE INSPECTION REPORT**

(Prescribed vide PCCF (HOFF) No. Desk-17-4/1445, Dated 5/11/2015)

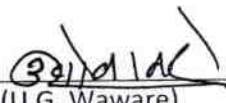
Sr. No	Items	Observations and Remarks																																				
1	Name of the project and Location ( Range , Round , Beat)	Kareghat M.I. Tank Tal. Nawapur, Dist. Nandurbar Nandurbar Forest Division Dy. Conservator of forest Nandurbar Division Shahada Range – Navapur Round - Khekda																																				
2	Name of the user Agency	Executive Engineer Nandurbar medium project divisional unit,, Nandurbar																																				
3	Date of site Inspection	21.05.2021																																				
4	Extent (ha) and legal status of forest land proposed for diversion	73.94 Ha. (Reserve Forest).																																				
5	a) Details of forest land proposed for diversion and activity-wise break-up of forest land.  b) Density and Eco-value class.	<table border="1"> <thead> <tr> <th>Sr. no.</th> <th>Tahsil</th> <th>Name of villege</th> <th>Compt. No.</th> <th>activity</th> <th>Area in Ha</th> </tr> <tr> <th>1</th> <th>2</th> <th>3</th> <th>4</th> <th>5</th> <th>6</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Nawapur</td> <td>Kareghat</td> <td>41, 42</td> <td>submergence</td> <td>69.94</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>Dam sheet</td> <td>3.64</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>canal</td> <td>0.36</td> </tr> <tr> <td colspan="5">Grand Total</td> <td>73.94</td> </tr> </tbody> </table> <p>Falls In improvement Working Circle as per current working plan but actually has overall density above 70% and falls in Eco class III comprising of tropical dry deciduous forest, as mentioned in the Hon'ble Supreme Court's order dated 28/03/2008 and order dated 09/05/2008 on page no. 5 &amp; 7 in IA No. 826 in 566 and related IA's regarding the rate of the Net Present Value (NPV) of Forest land.</p>	Sr. no.	Tahsil	Name of villege	Compt. No.	activity	Area in Ha	1	2	3	4	5	6	1	Nawapur	Kareghat	41, 42	submergence	69.94					Dam sheet	3.64					canal	0.36	Grand Total					73.94
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6	Whether the requirement of forest land as proposed by the User Agency in col. 2 of Part-I is unavoidable and barest minimum for the project. If no. recommended area item-wise with details of alternative examined.	The requirement of forest land is proposed by the user agency is unavoidable and barest minimum for the project.																																				
7	Whether the proposal involves any construction of building (Including residential) or not ? If yes, detailed there of.	No																																				
8	a) Whether forest area proposed for diversion is important from wildlife point of view or not.	Nandurbar forest division has proposed some area to be declared as Kareghat conservation reserve as per WPA 1972. So this project area will be part of above mentioned conservation reserve if proposal for the same attains finality.																																				

	<p>b) Details of any rare or endangered or unique species of flora and found in proposed forest land , if so, the details thereof.</p> <p>c) Arial distance from the nearest boundary of any protected Area (Km)</p> <p>d) Remarks about sensitivity of the forest area likely to be affected due to project:</p> <p>e) Whether wildlife mitigation plan is required ? If yes, reasons thereof.</p>	<p>No protected area is abutting to this project area.</p> <p>As this is MI project will conserve and will store water it will not affect the sensitivity of forest.</p> <p>Not required at this stage</p>
9	<p>Details of vegetation :</p> <p>a) Total number of trees to be felled :</p> <p>b) No. of trees to be felled of girth below 60 cm:</p> <p>c) No. of trees to be felled of girth above 60 cm:</p> <p>d) Effect of removal of trees on the general ecosystem in the area.</p>	<p>28294</p> <p>22091</p> <p>6203</p> <p>No Effect</p>
10	Background note on the proposal ( Short summery)	The Project note is enclosed in the proposal
11	Whether the proposal involves any violation of forest (Conservation ) Act 1980 ? if , yes a detailed report on violation including action take against the concerned officials to be attached.	No violation FCA 1980
12	Whether the proposal involves rehabilitation of displaced person if Yes, Whether rehabilitation plan has been approved by the state Government ?	No rehabilitation is required in this project.
13	Details on catchment and culturable command area under the projects ( If applicable)	Not applicable



III  
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14	Utility of the project	The project will benefit 4 villages from taluka Nawapur of dist. Nandurbar. Net irrigable command area is 1200 Ha. (With PDN) Total 5000 population will be benefited. Moreover it will serve as drinking water source to this water scarce area.
15	Whether land being diverted has any socio cultural religious values ? Whether any seared grove of very old growth trees/ forest exist in the areas proposed for diversion?	The land being diverted has no any socio-cultural / religious value.  No sacred grove or very old growth trees/ forest exist in the in the areas proposed for diversion.
16	Any other important information related to the project (Separate note may be attached, if required)	The project note is enclosed in the proposal
S17	Details of document and photographs enclosed.	Attached
18	Recommendations of the Inspecting officer (CCF/CF/DCF)	Recommended

Place:- Shahada Date:- 21/5/21	<p style="text-align: center;"> (U.G. Waware) Deputy Coservator Of Forest Nandurbar Forest Division , Shahada</p>
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## APPENDIX

(See Rule 6)

Form-A  
PART-III

(To be filled by the concerned Conservator of Forests)

14	Whether site where the forest land involved is located has been inspected by concerned Conservator of Forests (Yes/No) if Yes, the date of inspection and observation made in from inspection note to be enclosed	:	YES Date of inspection:-31/07/2021  <b>Observations:-</b> 1)Concerned gram sabha has recommended the project 2)The local people persuaded this project since last 40years.They conserved and protected the area which is approximately 972 ha due to which present density is gone beyond 70% 3)The present area will be the part of kareghat conservation reserve. The proposal for kareghat conservation reserve is submitted vide this office letter no desk-5/land/26/dtd 13/07/2021 to nodal officer and ccf Kolhapur. 4)This project will definitely useful for this water scarce area and will reduce the plight of local farmers. 5)inspection note is enclosed.
15	Whether the concerned Conservator of Forests agree with the information given in Part-B and the recommendations of Deputy Conservator of Forests	:	YES
16	Specific recommendation of concerned Conservator of Forests for acceptance or otherwise of the proposal with detailed reasons	:	Recommended for acceptance.

  
(D.W.Pagar)
Conservator of Forest (T)  
Dhule

Place - Dhule

Date - 05/08/2021

**FOREST LAND PROPOSAL FOR THE WORK OF CONSTG.  
M.I.TAN AT KAREGHAT TAL.NAWAPUR DIST. NANDURBAR**

**APPENDIX**

**(See Rule 6)**

**Form-A PART-II**

**(To be filled by the concerned Deputy Conservator of Forests)**

7	Location of the project/scheme :-	
i)	State/Union Territory	Maharashtra State
ii)	District	Nandurbar (Maharashtra)
iii)	Forest Division	Nandurbar Division, shahada (Maharashtra)
iv)	Area of Forest land proposed for diversion (in Ha.)	Ha. 73.94 Ha. Maharashtra State
v)	Legal status of the forest	Reserved Forest
vi)	Density of vegetation	More than 0.7
vii)	Species-wise (scientific names) and diameter class wise enumeration of trees (to be enclosed in case of irrigation hydel projects enumeration at RFL, FRI-2 meter & FRL-4 meter also to be enclosed)	Separate statement in this regard is attached with this proposal on Page No. 54
viii)	Brief note on vulnerability of the forest area to erosion	Erosion observed on site is very minor hence it is neglected
ix)	Approximate distance of proposed site for diversion from boundary of forest.	In Forest Land
x)	Whether forms part of national park, wildlife sanctuary, nature reserve, biosphere reserve etc. (If so, details of the area and comments of the Chief Wildlife Warden to be annexed)	No, it does not form part of National Park, wild life sanctuary, biosphere reserve, tiger reserve, elephant corridor etc.
xi)	Whether any rare endangered unique species of flora and fauna found in the area if so, details Thereof.	No, rare endangered / Unique species of flora and fauna is not found.
xii)	Whether any protected archeological heritage site/ defense establishment of any other important is located in the area. If so, details thereof with NOC from competent authority, if required.	No such case.

8	Whether the requirement of forest: land as proposed by the user agency in Col.2 of Part is unavoidable and barest minimum for the project. If no, recommended area item-wise with details of alternative examined.	It is being a M.I.Tank it's location has been decided considering various technical and economical aspects. It's location is connected with the proposed benefited area. It is therefore not Possible to locate this project outside the forest area, as it will not fulfill the object and economical, cheaper site available for this project outside the forest area.
9	Whether any work in violation of: the Act. has been carried out (Yes/ No), if Yes, details of the same including period of work done action taken on erring officials whether work in violation is still progress.	No such work has been carried out of the project and hence violation of the forest conservation Act. Has not been occurred
10	Details of compensatory afforestation scheme.	Attached
i)	Details of non forest area degraded forest area identified for compensatory afforestation. its distance from adjoining forest number of patches, size of each patch	Not Applicable

Sr. No	Village	Taluka	Gut No.	Area (Ha)	Distance from forest	patch No
1	Sutare	Sakri	117	77.24	continuous	one
			Total	77.27		

ii)	Map showing non-forest / degraded forest area identified for compensatory afforestation on adjoining forest boundaries.	Such map attached on page no.
iii)	detailed compensatory afforestation scheme including species to be planted, implementing agency, time schedule, Cost structure etc.	Attached on page no .11
iv)	Total financial outlay. for compensatory afforestation scheme.	Rs. 4.07 Cr.
v)	Certificates from competent authority regarding suitability of area identified for compensatory afforestation and from management point of view. (To be signed by the concerned Deputy Conservator of Forests).	Yes, Such certificates Attached on Page No. 19 & 22

11	Site inspection report of the DCF (to be enclosed) especially highlighting facts asked in col.7 (xi, xii), 8 and 9 above	Attached on page no .55 & 56
12	Division/District profile	Shahada Division Nandurbar Abstract
i)	Geographical area of the district	8284.82 Km <sup>2</sup>
ii)	Forest area of the division.	1514.017 Km <sup>2</sup>
iii)	total forest area diverted since 1980 with number of cases.	84 Cases, 1115.367 Ha
iv)	Total compensatory afforestation stipulated in the district division since 1980 on	1373.02 Ha
	a) Forest land including penal: compensatory afforestation	Not applicate
	b) Non Forest land	: 465.063
v)	Progress of compensatory afforestation as on (date)----- on	N/A
	a) Forest land	
	b) Non forest land	
13	Specific recommendation of the DCF for acceptance or otherwise of the proposal with reasons.	Accepted

Place :- Nandurbar

Date :-29/11/2022

*Bhawan*  
**Deputy Conservator of Forest**  
 Nandurbar Division Nandurbar



उपवनसंरक्षक, नंदुरबार वन विभाग, शहादा  
यांचे कार्यालय  
"वनभवन", दोडाईचा रोड शहादा- ४२५४०९.  
दुरध्वनी ०२५६५-२२३४८ फॅक्स-२२३४८५  
ई-मेल : [Dycf\\_shahada@yahoo.co.in](mailto:Dycf_shahada@yahoo.co.in)



Office of Deputy Conservator Of Forest  
Nandurbar Forest Division, Shahada  
"Vanbhavan" Doindaicha Road.  
Shahada- 425209  
Lndline- 02565-22348 Fax-223485  
email- [Dycf\\_shahada@yahoo.co.in](mailto:Dycf_shahada@yahoo.co.in)

पत्र

विषय:- वन जमीन प्रस्ताव एकुण क्षेत्र ७३.९४ हेक्टर बाबत लघु  
पाटबंधारे योजना, कारेघाट ता.नवापूर जि.नंदुरबार.

जावक क्रं. अ./जमीन/व.ज.प्र./ १०४७ / सन २०२१-२२  
शहादा- ४२५४०९ दिनांक:- २०/१२/२०२१

प्रति,

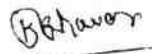
मा. वनसंरक्षक, (प्रा.)  
धुळे

संदर्भ:- १. आपले कडीलपत्र कक्ष-५/नोडल/प्र.क्र./१४८/२०२१-२२ दि.१३.१२.२०२१

उपरोक्त विषयांकित प्रकरणी संदर्भान्वये प्राप्त झालेल्या पत्रातील त्रुटी पुर्तता करून अहवाल सोबतप्रमाणे सादर करीत आहे.

माहितीस्तव सविनय सादर.

सोबत- ग्राम सभा ठराव.

  
-(के.वी.भवर)  
उपवनसंरक्षक,  
नंदुरबार वन विभाग, शहादा.

वन जमीन प्रस्ताव एकुण क्षेत्र ७३.९४ हेक्टर बाबत लघु पाटबंधारे योजना, कारेघाट  
ता.नवापूर जि.नंदुरबार.

मुद्दा क्रं.1 - सदरच्या लघु सिंचन प्रकल्पाची स्थानिक लोकांची गेल्या 40 वर्षांपासुन मागणी आहे. सदर क्षेत्राचा समावेश प्रस्तवित कारेघाट संवर्धन राखिव क्षेत्रात करण्यात आलेला आहे. तथापी सदरचे क्षेत्र हे अंतिमतः राखीव संवर्धन म्हणून घोषित करण्यात आलेले नाही. तसेच सदरचा सिंचन प्रकल्प पुर्णत्वास जाण्याकरिता अडथळे येऊ शकतात याचा पूर्व दृष्टीकांन लक्षात घेऊन स्थानिक ग्रामस्थांनी 2 डिसेंबर, 2021 रोजी ग्रामसभा घेऊन ग्रामसभेत, सदरचा प्रकल्प महत्वाचा असल्याने सदर प्रकल्पासाठी लागणारे एकुण क्षेत्र 73.94 हे. कारेघाट संवर्धन राखीव क्षेत्राच्या एकुण क्षेत्रातुन वगळण्याचा एकमताने ठराव या कार्यालयास सादर केला. त्याबाबतचा ग्रामसभा ठराव यासोबत सादर केला आहे. सदरच्या लघु सिंचन प्रकल्पाची मागणी सुमारे 40 वर्षांपासुन असल्याने प्रकल्प होणे गरजेचे आहे. सबब प्रस्तावास शासनाच्या पुर्व परवानगीसाठी शिफारस करण्यात येत आहे.

मुद्दा क्रं.2- सदर प्रस्ताव नंदुरबार वनविभागातील नवापूर परीक्षेत्रातील हा कारेघाट विटात येत असुन कक्ष क्रं-41 मध्ये आहे. दि. 16.12.2021 रोजी पुनश्चः मौका तपासणी केली सदर मौका तपासणीस निम्न स्वाक्षरीकर्ता यांचेमह मद्दा-वनसंरक्षक, (प्रा.व वन्यजिव) नंदुरबार, वनक्षेत्रपाल, नवापूर, वनपाल, खेकडा व वनसंरक्षक, कारेघाट हे उपस्थित होते, सदर मौका तपासणी कारतांना सदर गांवाचे सरपंच व इतर गांवकरी उपस्थित होते. सदर प्रस्तावात जवळपास 28294 वृक्ष तोड होणार आहे, त्यामध्ये जास्त प्रमाण हे पळसाच्या झाडाचे आहे. 30 से.मी. गोलाईच्या आतील 11333 वृक्ष आहेत, 31 ते 45 से.मी. गोलाईचे 7774 वृक्ष आहेत. सदर प्रस्तावमुळे जवळपासच्या कारेघाट, लवकडकोट, खोकरवाडा, हिराफळी या गांवाचा पाण्याचा व सिंचनाचा प्रश्न मिटनार आहे. जवळपास 1300 हेक्टरचे क्षेत्र हे सिंचनाखाली येईल.

कारेघाट नियतक्षेत्राचे एकुण क्षेत्र 940.894 हेक्टर असुन सदर क्षेत्र हे कारेघाट संवर्धन राखिव क्षेत्राचा भाग म्हणुन हे प्रस्तावित आहे, त्यातील ल.पा.तलाव कारेघाट ता.नवापूर जि.नंदुरबार साठी 73.94 हेक्टर क्षेत्र वगळण्यात येईल, परंतु या क्षेत्राची अधिसुचना निघालेली नसल्याने सदर प्रस्तावास परवानगी देण्यास काही हरकत नाही.

(के.वी.भवर)

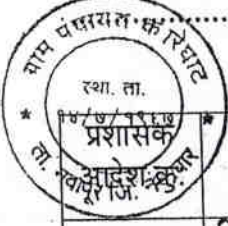
उपवनसंरक्षक,

नंदुरबार वन विभाग, शहादा.





## ग्रामपंचायत - कारेघाट

ग्रामपंचायत कार्यालय, कारेघाट ता. नवापूर, जिल्हा. नंदुरबार ( महाराष्ट्र ) पिन कोड ४२५४१८



### ग्रामपंचायत प्रशासक आदेश क्र १६

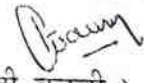
ग्राम पंचायत कारेघाट रथा. ता. प्रशासक आदेश क्र. १६ नवापूर जि. नंदुरबार	विषय व आदेश तपशील	शेरे व तारखेसह आदेशाची अंमलबजावणी
	<p><b>विषय :</b> प्रस्तावित लघू पाटबंधारे प्रकल्प पुढील कारेघाट कार्यान्वीत करणेबाबत.</p> <p><b>आदेश तपशील :</b> ल.पा. तलाय कारेघाट ता.नवापूर वरिष्ठ कार्यालयास धरणाचे बुडीत क्षेत्रात ७३.९४ हेक्टर वनजमीन सादर. जात आहे. तसेच कारेघाट वनक्षेत्र राखीव संवर्धन म्हणून आपल्या विभागामार्फत घोषित करणार आहेत. याबाबत कारेघाट ग्रामसभेने या अगोदर ठराव संमत केला होता. कारेघाट राखीव संवर्धनातून ल.पा. तलाय कारेघाट ता.नवापूर वनक्षेत्र ७३.९४ हेक्टर हे कारेघाट गावाजवळ असून कोपऱ्यात येते. आम्हाला पाण्याची अत्यंत गरज आहे. तरी प्रस्तावित राखीव संवर्धातून ७३.९४ हेक्टर वनजमीन ल.पा. योजना कारेघाटसाठी द्यावी व उर्वरीत क्षेत्राचा राखीव संवर्धनाचा प्रस्ताव सादर करावा. तरी ल.पा. योजना कारेघाट ता.नवापूर धरणाचे कामास ७३.९४ हेक्टर वनजमीन उपलब्ध करून द्यावी. जेणेकरून धरणाचे काम त्वरीत मार्गी लागेल. तसा प्रस्ताव पाठविण्यास शिफारस करावी.</p> <p>दिनांक : ०२/१२/२०२१</p> <p style="text-align: right;">             ग्रामसेवक            ग्रामपंचायत कारेघाट            ता. नवापूर जि. नंदुरबार         </p> <p style="text-align: right;">             ग्रामपंचायत कारेघाट            ता. नवापूर जि. नंदुरबार         </p>	<p>पुढील कार्यवाही साठी वरिष्ठ कार्यालयास सादर</p>
<p><b>आदेश,</b></p> <p>ज्याअर्थी, कोविड २०१९ चा प्रादुर्भाव मुळे ग्रामपंचायत निवडणुका होणार नसल्याने वाचले ०१ प्रमाणे प्रशासक म्हणून या कार्यालय साठी मला नियुक्त केले आहे.</p> <p>ल.पा. तलाय कारेघाट ता.नवापूर वरिष्ठ कार्यालयास धरणाचे बुडीत क्षेत्रात ७३.९४ हेक्टर वनजमीन सादर. जात आहे. तसेच कारेघाट वनक्षेत्र राखीव संवर्धन म्हणून आपल्या विभागामार्फत घोषित करणार आहेत. याबाबत कारेघाट ग्रामसभेने या अगोदर ठराव संमत केला होता. कारेघाट राखीव संवर्धनातून ल.पा. तलाय कारेघाट ता.नवापूर वनक्षेत्र</p>		

  
 ग्रामपंचायत कारेघाट  
 नंदुरबार जि. नंदुरबार



७३.९४ हेक्टर हे कारेघाट गावाजवळ असून कोपण्यात येत. आम्हाला पाण्याची अत्यंत गरज आहे. तरी प्रस्तावित राखीव संवर्धातून ७३.९४ हेक्टर वनजमीन ल.पा. योजना कारेघाटसाठी द्यावी व उर्वरीत क्षेत्राचा राखीव संवर्धनाचा प्रस्ताव सादर करावा. तरी ल.पा. योजना कारेघाट ता.नवापूर धरणाचे कामास ७३.९४ हेक्टर वनजमीन उपलब्ध करून द्यावी. जेणेकरून धरणाचे काम त्वरीत मार्गी लागेल. तसा प्रस्ताव पाठविण्यास शिफारस करण्यात येत आहे.

दिनांक : ०२/१२/२०२१



( पी. जी. वळवी )

प्रशासक, ग्रामपंचायत कारेघाट  
ता. नवापूर जि. नंदुरबार

## पेसा अंतर्गत दाखला

दाखला देण्यात येतो की, मौजे कारेघट ता.नवापुर जि.नंदुरबार हे गाव आदिवासी उपयोजने क्षेत्रात येत असून सदर गाव लगदचे गावे १) खोकरवाडा २) हिराफळी ३) लक्कडकोट असून सदर गावे पुर्णता आदिवासी वस्ती असून सदर गावांची लोकसंख्या खालील प्रमाणे

- १) कारेघट -: १०१६
- २) खोकरवाडा -: ६४२
- ३) हिराफळी -: ५७३
- ४) लक्कडकोट -: १२८६

सदरचा दाखला अर्जदारांने सादर केलेल्या विनंती अर्जावरून लघुपाटबंधारे प्रकल्प कारेघट योजनेचे लाभ मिळणे कामी दाखला देण्यात येत आहे.

स्थळ : तहसिल कार्यालय नवापुर  
ता.नवापुर जि.नंदुरबार

दिनांक : २५/११/२०२२  
रजि नं. २५/२०२२



तहसिलदार, नवापुर

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## M.I.Tank @ Kareghat Tal :-Nawapur, Dist :- Nandurbar

## BENEFIT COST RATIO

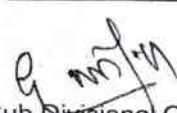
112

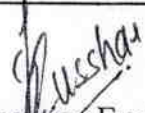
Sr No	Description	With NPV, GST& Royalty	Without NPV But with GST & Royalty
		Rs. In Lakh	Rs. In Lakh
A	<b>Total Cost Of Project</b>	<b>5764.35</b>	<b>5108.50</b>
B	<b>Annual Cost</b>		
i	Simple Interest @ 10 %	576.43	510.85
ii	Depreciation charges 1.67%	96.26	85.31
iii	Administrative Charges		
	Rs.80/Ha. For I.P.758.75 Ha.(As per G.R. No. 13107/dated 27.08.2013)	0.61	0.61
	<b>Total Annual cost</b>	<b>673.31</b>	<b>596.77</b>


C	Annual Benefits		
i	Benefits Under Irrigated Condition ( from Table - 1)	1046.60	1046.60
ii	Benefits Under Un Irrigated Condition ( from Table - 2)	205.29	205.29
	<b>Net Benefits</b>	<b>841.31</b>	<b>841.31</b>
iii	Add benefits from drinking water supply		
	0.500mm <sup>3</sup> Rs. @ 0.18 / 10 m <sup>3</sup>	0.0013	0.0013
iv	Benefits of fisheries - Average area between MDDL & FTL = 42.50 ha		
	Rate = Rs 1800 per ha. upto 20 ha		
		0.77	0.77
	<b>Total annual Benefit</b>	<b>842.08</b>	<b>842.08</b>

B.C.Ratio	Benefit	842.075	842.075
		cost	673.306

B.C.Ratio		1.25	1.41
-----------	--	------	------

  
Sub Divisional Officer  
Sub Divisional Unit No-3  
Nandurbar

  
Executive Engineer,  
Medium Project Divisional Unit  
Nandurbar

  
Superintending Engineer  
Dhule Irrigation Project Circle,  
Dhule

9

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**Tapi Irrigation Development Corporation, Jalgaon.**  
**Dhule Irrigation Project Circle, Dhule**  
**Nandurbar Medium Project Divisional Unit, Nandurbar**

**INDEX-MAP**


**FOREST LAND PROPOSAL FOR THE WORK OF**  
**M.I.TANK AT KAREGHAT TAL. NAWAPUR DIST. NANDURBAR**


**A] DETAILS OF FOREST AND NON FOREST LAND ACQUISITION**

COMPONANT	FOREST LAND	NON FOREST LAND	TOTAL LAND
<b>MAHARASHTRA STATE</b>			
1] SUBMERGENCE	69.94 Ha.	-	69.94 Ha.
2] DAM SEAT TAIL CHA	3.64 Ha.	-	3.64 Ha.
3] CANAL	0.36 Ha.	3.60 Ha.	3.96 Ha.
<b>TOTAL:-</b>	73.94 Ha.	3.60 Ha.	77.54 Ha.

**B] RESERVED FOREST LAND REQUIRED**

RANGE	COMPONANT	COMPT NO.	FOREST LAND REQUIRED (Ha)
<b>MAHARASHTRA STATE</b>			
NAWAPUR	1] SUBMERGENCE	41 A	54.71
NAWAPUR	2] SUBMERGENCE	42 APB	15.23
NAWAPUR	3] DAM SEAT TAIL CHA	41 APB	3.64
NAWAPUR	4] CANAL	41 APB	0.35
<b>TOTAL:-</b>			<b>73.94 Ha</b>

  
**Asst. Engineer (Gr II)**  
**Sub Divisional Unit No.4,**  
**Nawapur**

  
**Executive Engineer,**  
**Nandurbar Medium Project Divisional**  
**Unit, Nandurbar**

## Area Statement


Area Required for Construction of Minor Irrigation Tank. At Kareghat Tal. :- Nawapur Dist.:- Nandurbar


### I- RESERVED FOREST LAND

Forest (Status)	Working Circle	Total area of reserved forest			Forest area required for project		Purpose component of Project	Ramark
		Compt. No	Range	Area in Ha.	Comp. No	Area in Ha.		
Reserved	Nawapur	41 A	Nawapur	100.00	41 A	54.71	Submergence	
		42 APB	Nawapur	106.00	42 APB	15.23	Submergence	
		41 APB	Nawapur	106.00	41 APB	3.64	Dam Componemt	
		41 APB	Nawapur	106.00	41 APB	0.36	Canal	
					Total :-	73.94		
<b>TOTAL FOREST LAND REQUIRED 73.94 Ha.</b>								

### II- NON- FOREST LAND

Sr. No	Name of Village	Taluka	Required area in Ha.	Purpose	Remarks
1	Kareghat	Nawapur	1.00	Canal	Land acquisition procedure of private land acquired will be done separately through the Collector , Nandurbar after receiving final approval of forest land acquired.
2	Khokarwad	Nawapur	1.00	Canal	
3	Uakkadwad	Nawapur	1.60	Canal	
		Total :-	3.60	Canal	
		Grand Total :-	77.54 Ha.		

  
 Asst. Engineer (Gr.II)  
 Sub-Divisional Unit No. 4,

  
 Executive Engineer  
 Nandurbar Medium Project Divisional Unit,  
 Nandurbar

Amgaur - 18

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**Government of Maharashtra**

No.FLD-2022/CR-01/F-10

Revenue and Forest Department,  
Mantralaya, Mumbai - 400 032.

Dated: 12.09.2022

111

To,

The Secretary,  
Ministry of Environment, Forests & Climate Change,  
Government of India,  
New Delhi.

10/10/22

**Subject: Forest Land-Nandurbar**

Diversion of 73.94 ha. forest land for Construction of Kareghat Minor Irrigation Tank is Irrigation at Kareghat, Tal. Nawapur, Dist. Nandurbar in the State of Maharashtra

The Additional Principal Chief Conservator of Forests, Maharashtra State, Nagpur has submitted proposal for diversion of 73.94 ha. forest land for Construction of Kareghat Minor Irrigation Tank is Irrigation at Kareghat, Tal. Nawapur, Dist. Nandurbar in the State of Maharashtra

The details of forest land proposed for diversion are as under:-

Sr No.	Item of work / purpose	Village	Taluka	District	Compt no.	Area (in ha.)	Legal Status of Forest Land
1	Submergence	Kareghat	Nawapur	Nandurbar	41A	54.71	Reserved Forest
2	Submergence				42 APB	15.23	
3	Dam Component				41 APB	3.64	
4	Canal				41 APB	0.36	
Total Forest Land (in ha.)						73.94	

2. The proposal has been initiated by the Executive Engineer, Nandurbar Medium Project Divisional Unit, Nandurbar for approval under Forest (Conservation) Act, 1980. This Minor Irrigation Tank of Kareghat, Tal. Nawapur, Dist. Nandurbar Scheme envisages construction of an earthen dam across local nalla Tal. Nawapur Dist. Nandurbar. The catchment area up to the dam site is 4.66 sq.Mile i.e. 12.08 Sq. Km and total approx. 5000 population dependable 100% tribal area. The total Irrigation area is 757 ha. and the maximum height of Tank 22.91 m. Thus project will benefit 3 villages namely Khokarwad, Kareghat, Lakkadkot in Nandurbar District. The total non-forest land involved in the project is 77.54 ha.

3.69

**3. The Deputy Conservator of Forests, Nandurbar has certified that:-**

- 3.1 No suitable alternate land is available and the forest land required is barest minimum.
- 3.2 The area belongs to Eco-value class-III having density is 0.7 (Tropical Dry Deciduous Forest)
- 3.3 There are 30166 trees involved in the project out of which 28294 trees required to be felled. The various species and trees is involved in implementation of the project the girth wise break up is as under:-

Particular	Tree Girth in Cm.							Total cutting and felling of trees	Total	Remarks
	15-30 cm	31-45 cm	46-60 cm	61-90 cm	91-105 cm	106-150 cm	Above 150 cm			
Dam Seat	127	156	119	153	81	47	0	683	683	The Deputy Conservator of Forest Nandurbar Division Shahada has certified that 907 trees involved to be felled in Dam Seat and approach tail channel & link canal.
Approach and Tail Channel & link Canal	47	49	52	32	19	25	0	224	224	
FRL & FRL-2	284	189	93	131	195	66	0	0	958	---
FRL-2 & FRL-4	281	143	130	170	154	36	0	0	914	---
FRL-4 to MDDL	11159	7569	2813	2904	1950	992	0	27387	27387	The Conservator of Forests, Nandurbar Division Shahada has certified that 27387 trees involved to be felled in FRL-4 to MDDL.
<b>Total</b>	<b>11333</b>	<b>7774</b>	<b>2984</b>	<b>3089</b>	<b>2050</b>	<b>1064</b>	<b>0</b>	<b>28294</b>	<b>30166</b>	

As per the Government of India, MoEF letter dated 30/01/2009 has mentioned that 'No tree felling in the area between FRL-4 m below shall be carried out' for the Minor Irrigation proposals. In this regard the actual tree felling for the said proposal is 28924 required to be felled.

- 3.4 The area involved in the project does not form part of any existing National Park, Wildlife Sanctuary, Nature Reserve etc.
- 3.5 Proposed project is not likely to affect any monumental site of cultural, historical, religious, archeological or recreational importance.
- 3.6 There is no violation of Forest (Conservation) Act 1980.
- 3.7 Proposed project area for the project is beyond 10 kms from the boundary of the Protected Area (Sanctuary and National Park).
- 3.8 The non-forest area covered under the project is not under the provision of Maharashtra Private Forest (Acquisition) Act 1975 by virtue of application of Section 35 of Indian Forest Act 1927 and are not recognized as deemed reserved forest as well as not included in the area identified as "forest" as per dictionary meaning of forest as intimated to the expert committee appointed under interim judgment of the Hon'ble Supreme Court dated 12/12/1996.
- 3.9 Proposed compensatory afforestation over 87.00 ha non forest land (i) Area 77.00 ha. in Gut No.117 at Village Sutare, Tahsil Sakari, Dist. Dhule (ii) Area 10.00 ha. in Gut No.83/2 at Village Satarpada, Taluka Sakari, Dist. Dhule is contiguous; suitable for afforestation and management purpose also it is free from encroachment an encumbrance.
- 3.10 The cost benefit analysis ratio is 1.35.
- 3.11 The proposed site is considered downstream of proposed site the forest land will require more. If the project site is considered upstream of proposed site dam length will increase resulting requirement of more forest land and less water storage. As the area required for the proposed site is barest minimum the proposed site for the Minor Irrigation Tank at Kareghat, Tal. Nawapur, Dist. Nandurbar is most suitable from Technical, Economical and Forest point of view.

91.26

77.00

14.02

4. The User Agency has submitted undertakings:-

- 4.1 to defray the cost of compensatory afforestation.
- 4.2 to defray the cost of Net Present Value of the forest land proposed under diversion.
- 4.3 to submit compliance under FRA-2006.

5. The Collector, Dhule has given certified that:-

- 5.1 The all other alternative for the purpose have been explored and the demand for the forest land is barest minimum demand.
- 5.2 The User Agency has certified that the aforesaid Environmental Clearance is not required as the command area 412.00 ha. of the project is less than 2000 ha.



5.3 Details of Command area:-

a) Total Catchment area of dam	:-	949 ha. GCA, 4.66 sq.Mile i.e. 12.08 Sq.Km
b) Height of Tank	:-	22.91 M
c) Full Reservoir Level	:-	148.70M
d) High Flood level	:-	151.20 M
e) MDDL (Sill R.L)	:-	139.55 M
f) Gross Command Area	:-	412 Ha.
g) Curable Command Area	:-	949 Ha.
h) Irrigable Command Area	:-	757 Ha.
i) Total No. of family benefited (Population)	:-	5974

6. Remarks of Principal Chief Conservator of Forests (Wildlife), Maharashtra State:-

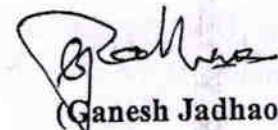
"The proposed project in Dhule Circle Nadurbar Division an area of 92.92 Km from the Kareghat Conservation the proposal is yet to be received from CF (T), Dhule to CWLW. At present the area is not a 'Protected Area' as per the definition under WLPS, 1972. Hence wildlife clearance would not be required"

7. The Principal Chief Conservator of Forests (HoFF), Maharashtra State, Nagpur has recommended the proposal subject to the conditions, given in his specific recommendations, under Section-2 (ii) of the Forest (Conservation) Act, 1980. His specific recommendations are enclosed in the proposal.

8. In the circumstances explained in the aforesaid paragraphs and enclosures, the State Government recommends that the said forest land may be allowed to be diverted subject the conditions proposed by the Principal Chief Conservator of Forests (HoFF), Maharashtra State, Nagpur as well as following additional condition:-

"Conservator of Forest, Dhule and Deputy Conservator of Forest, Nandurbar shall ensure that the proposed area is outside the confines of Kareghat Conservator Reserve and submit site inspection report in this regard, before Stage-I approval."

The matter may kindly be placed before the Government of India for its approval under Section-2 (ii) of the Forest (Conservation) Act, 1980, be obtained and communicated to this Government.



(Ganesh Jadhao)  
Under Secretary to the  
Government of Maharashtra

Under Secretary  
Revenue and Forests Department  
Hutatma Rajguru Chowk  
Madam Cama Road, Mantralaya  
Mumbai 400 032

Encl: A) Set of case papers





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**FOREST LAND PROPOSAL FOR THE WORK OF CONSTG. M.I.TANK  
AT. KAREGHAT TAL.NAWAPUR DIST. NANDURBAR**

**COMPENSATORY AFFORESTATION SCHEME.**

Statement showing the Plantation Programme of carrying out Afforestation period for  
10 years under Forest Conservation

1	Expenditure head	:-	Demand No.7 Major head 2406- Forestry & Wildlife Minor head 101-Forest conservation & development Scheme-101 (9) Compensatory afforestation State plan-2406-135-2
2	Name of Implementing agency	:-	Dy.Conservator of Forest, Dhule Division, Dhule
3	Sanction No.	:-	
4	Area replaced	:-	91.26 Ha.
5	Plantation area	:-	87.26 Ha.
6	Amount to be recovered from The project authority	:-	Rs.4,07,13,687.45
7	Works to be carried for 10 Years.	:-	P.P.O./ P.Y.O. to 10 <sup>th</sup> Year Plantation works.

The User agency has given land for Compensatory Afforestation is 91.26 Ha.  
Plantation estimate is submitted 87.00Ha. Out of 91.26 Ha.

Remaining 4.26Ha. land for Compensatory Afforestation is not suitable for  
plantation. In this regard Compensatory Afforestation scheme is enclosed.  
Compensatory Afforestation area 87.00 Ha.

  
Dy.Conservator of Forest,  
Dhule Division,  
Dhule

CHECK LIST ITEM NO.--12

Suitability certificate from Dy. C.F.Dhule, that the non forest land is suitable for raising tree species.

This is to certify that, the non forest lands listed below are selected as alternative non forest land in connection with **KAREGHAT MINOR IRRIGATION PROJECT**, Tahsil Nawapur, District Nandurbar is found suitable for compensatory Afforestation and this area is free from encroachment and is also found free from any rights and encumbrancement there on from the agency and from any other dues.

Sr. No	District	Tashil	Village	Gut No	Total Area in Ha.	Area transferred in ha.
1	Dhule	Sakri	Sutare	117	77.24	77.24
2	Dhule	Sakri	Sattar Pada	83	74.82	14.02
Total						91.26

Place : Dhule

Date :-

11 2 APR 2004

  
(M.N.Gavali)  
Deputy Conservator of Forest  
West Dhule Division,  
Dhule

## Model Structure for Compensatory Afforestation Model No.4

Division-Dhule  
Range- Kondaibari  
Round- Dhaner

Village-Sutare  
Gat No. 117  
Total Area- 77.00 Ha

Sr. No	Particulars of works	Daily Wages Rate 406.46							
		Per Hectare				Total 77.00 ha.			
		Mandays	Wages	M/S	Total	Mandays	Wages	M/S	Total
<b>A. Pre Monsoon Works PPO/PYO</b>									
1	(a) Survey and demarcation	1.00	406.46	91.00	497.46	77.00	31297.42	7007.00	38304.42
	(b) Preparation of treatment map (100 m x 50 m grid)	1.00	406.46	91.00	497.46	77.00	31297.42	7007.00	38304.42
	(c) Digging trial pits of size 0.30x0.30x0.60 in corner of Grid.	0.40	162.58	0.00	162.58	30.80	12518.97	0.00	12518.97
	(d) Fixing 60 cm x 0.05 cm x 12 cm cement pillars upto 30cm deep in corner of Grid, painting with Grid No. etc complete (3 pillars, Rs.75/- for each pillars)	0.00	0.00	225.00	225.00	0.00	0.00	17325.00	17325.00
	(e) Clearing of bushes and preparation of site (As per requirement)	10.00	4064.60	91.00	4155.60	770.00	312974.20	7007.00	319981.20
2	Soil and moisture conservation works including collection of rubbles from areas upto 30 m etc	31.00	12600.26	0.00	12600.26	2387.00	970220.02	0.00	970220.02
3	providing and fixing chain link fencing, 102 Rmt per ha (With one gate + two wockets gates for one site) (Rs. 1494/- per Rmt of basic rate + 20% for transportation of ave. lead plus 20% for tribal/remote area (by tender process.) (Rs. 1494 +149+149=1791/- per Rmt (1.60 rmt height with G.I. Chain link size 50mm x 50m, 8 gauge thick and fixed 75 mm above ground level complete as per SSR item No. 1744 for (2017-18)	0.00	0.00	182865.60	182865.60	0.00	0.00	14080651.20	14080651.20
4	Aligment of pits at 3m x 3m spacement. 1111 pits per 100 pits 0.26 M.D. M/S 8.18 per 100 pits	2.89	1174.67	91.00	1265.67	222.53	90449.54	7007.00	97456.54
5	Digging of pits of size 0.45 x 0.45x 0.45 m (1111 pits per ha) 6.60 M.D per 100 pits	73.33	29805.71	0.00	29805.71	5646.41	2295039.81	0.00	2295039.81
6	Construction of 5.00 Rmt wide Inspection path 1 M.D. per 100 Rmt	1.00	406.46	0.00	406.46	77.00	31297.42	0.00	31297.42
7	Enumeration of all Valuable plant species at plantation site and grid wise counting and providing color band and recording the same in Register (0.75 M.D.) per 100 plants	0.75	304.85	25.00	329.85	57.75	23473.07	1925.00	25398.07
8	Providing and fixing (4 feet x 3 feet) information board each per site	0.00	0.00	5000.00	5000.00	0.00	0.00	385000.00	385000.00

9	Part Nursery cost of raising 1333 seedlings per ha (including 20% casualty replacement) in polygons of size 12.50 x 25.00 cm (Wages Rs.11.90 and M & S Rs. 3.60 per plant)	46.70	18981.68	4798.80	200.48	3595.90	1461589.51	369507.60	1831097.11
	<b>Total</b>	<b>168.07</b>	<b>68313.73</b>	<b>193278.40</b>	<b>261592.13</b>	<b>12941.39</b>	<b>5260157.38</b>	<b>14882436.80</b>	<b>20142594.18</b>
	Contingency 3%								604277.83
	Labour Welfare 4%								805703.77
	<b>Total</b>								<b>1409981.59</b>
	<b>Grand Total</b>								<b>21552576</b>

Rs. 21552576/- (Two Crore Fifteen Lakh Fifty Two Thousand Five Hundred Seventy Six Only)

Technical Sanction No.

/2021-22/Dt-

-2021



Range Forest Officer  
Kondaibari (T)

Division-Dhule  
Range- Kondaibari  
Round- Dhaner

Model Rate Structure for Compensatory Afforestation Model No.4

Daily Wages Rate 406.46

Village-Sutare  
Gat No. 117  
Total Area- 77.00 Ha

Sr. No	Particulars of works	Per Hectare				Total 77.00 ha.			
		Mandays	Wages	M/S	Total	Mandays	Wages	M/S	Total
<b>1st year Operation</b>									
1	Part Nursery cost for maintainance of 1333 seedlings per ha Rs. 2.64 per seedling (Wages Rs 2.69, M & S Rs. 0.81)	14.80	6015.61	1079.73	7095.34	1139.60	463201.82	83139.21	546341.03
2	Refilling of pits with good quality soil & single super phosphate Rs. 0.96 per pit (1.66 M.D per 100 Pits)	18.44	7495.12	1944.25	9439.37	1419.88	577124.42	149707.25	726831.67
3	Transportation of 1333 seedlings from Nursery to plantation site including loading & unloading (0.14 M.D. per 100 seedlings & M.S. Rs. 1.82 per Seedings)	1.87	760.08	2426.00	3186.08	143.99	58526.18	186802.00	245328.18
4	Planting of 1111 seedlings 1.0 M.D per 100 seedlings)	11.11	4515.77	0.00	4515.77	855.47	347714.34	0.00	347714.34
5	3 seedlings (1 Rmt circulat) and 2 soil working (4.00 M.D. per 100 seedlings) fertilizer application Rs. 0.82 per seedlings	44.44	18063.08	911.02	18974.10	3421.88	1390857.34	70148.54	1461005.88
6	Causality replacement (20%222 seedling per ha)(2 M.D per 100 seedlings)	4.44	1804.68	0.00	1804.68	341.88	138960.54	0.00	138960.54
7	part nursery cost for raising seedling for casuality replacement in SYO. (222 seedlings per ha)(Wages Rs. 11.90 and material supply Rs. 3.62 total Rs. 12.55 per seedling)	7.78	3162.26	803.64	3965.90	599.06	243493.93	61880.28	305374.21
8	watch and ward (9 months) 1 watcher per 10 ha.	27.38	11128.87	0.00	11128.87	2108.26	856923.36	0.00	856923.36
9	Soil working for naturally grower plants and singling (1.15 M.D. per 100 plants)	1.15	467.43	10.00	477.43	88.55	35992.03	770.00	36762.03
10	fire tracing	2.00	812.92	0.00	812.92	154.00	62594.84	0.00	62594.84
	<b>Total</b>	<b>133.41</b>	<b>54225.83</b>	<b>7174.64</b>	<b>61400.47</b>	<b>10272.57</b>	<b>4175388.80</b>	<b>552447.28</b>	<b>4727836.08</b>
	Contingency 3%								141835.08
	Labour Welfare ( medi & water) 4%								189113.44
	<b>Total</b>								<b>330948.53</b>
	<b>Grand Total</b>								<b>5058785</b>

Rs. 5058785/- ( Five Lakh Fifty Eight Thousand Seven Hundred Eighty Five Only)

Technical Sanction No. /2021-22/Dt- -2021

Range Forest Officer  
Kondaibari (T)

81  
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Model Rate Structure for Compensatory Afforestation [ del No.4

Division-Dhule  
Range- Kondaibari  
Round- Dhaner

Daily Wages Rate 406.46



Village-Sutare  
Gat No. 117  
Total Area- 77.00 Ha

Sr. No	Particulars of works	Per Hectare				Total 77.00 ha.			
		Mandays	Wages	M/S	Total	Mandays	Wages	M/S	Total
<b>Second year Operation</b>									
1	Part nursery cost for seedlings for causality replacement (222 seedlings per ha).labour rate @ Rs.3.77 and M.S. Rs. 1.82 per seedlings.	2.46	999.89	404.04	1403.93	189.42	76991.65	31111.08	108102.73
2	Transportation of 222 seedlings for casualty replacement from Nursery to plantation site (including loading & unloading) wages 0.14 M.D per 100 Seeding & M.S. Rs. 1.82 per Seedlings	0.31	126.00	404.04	530.04	23.87	9702.20	31111.08	40813.28
3	Planting for Casualty replacement 222 seedlings (2.00 M.D. per 100 Seedlings)	4.44	1804.68	0.00	1804.68	341.88	138960.54	0.00	138960.54
4	2 weedings and 1 soil working, with fertilizer application 2.5 M.D. per 100 seedlings at M.S. Rs. 0.82 per seedling.	27.77	11287.39	911.02	12198.41	2138.29	869129.35	70148.54	939277.89
	Watch and ward 12 months -1 watcher per 10.00 ha	36.50	14835.79	0.00	14835.79	2810.50	1142355.83	0.00	1142355.83
5	Fire Tracing	2.00	812.92	0.00	812.92	154.00	62594.84	0.00	62594.84
	<b>Total</b>	<b>73.48</b>	<b>29866.68</b>	<b>1719.10</b>	<b>31585.78</b>	<b>5657.96</b>	<b>2299734.42</b>	<b>132370.70</b>	<b>2432105.12</b>
	Contingency 3%								72963.15
	Labour Welfare 4%								97284.20
	<b>Total</b>								<b>170247.36</b>
	<b>Grand Total</b>								<b>2602352.48</b>

Rs. 2602352/- ( Twenty Six Lakh Two Thousand Three Hundred Fifty Two Only)

Technical Sanction No. /2021-22/Dt- -2021

  
Range Forest Officer  
Kondaibari (T)

Division-Dhule  
Range- Kondaibari  
Round- Dhaner

Model Rate Structure for Compensatory Afforestation Model No.4

Daily Wages Rate 406.46

Village-Sutare  
Gat No. 117  
Total Area- 77.00 Ha

Sr. No	Particulars of works	Per Hectare				Total 77.00 ha.			
		Mandays	Wages	M/S	Total	Mandays	Wages	M/S	Total
<b>Third year Operation</b>									
1	1 weeding and 1 soil working (1.50 M.D. per 100 seedlings) applying fertilizer @ Rs. 0.82 per plant.	16.67	6775.69	911.02	7686.71	1283.59	521727.99	70148.54	591876.53
2	Watch and ward 12 months -1 watcher per 10.00 ha	36.50	14835.79	0.00	14835.79	2810.50	1142355.83	0.00	1142355.83
3	Counting of survival percentage Grid wise and species wise and to Note the same on register in May and October.	2.00	812.92	25.00	837.92	154.00	62594.84	1925.00	64519.84
4	Fire Tracing	2.00	812.92	0.00	812.92	154.00	62594.84	0.00	62594.84
	<b>Total</b>	<b>57.17</b>	<b>23237.32</b>	<b>936.02</b>	<b>24173.34</b>	<b>4402.09</b>	<b>1789273.50</b>	<b>72073.54</b>	<b>1861347.04</b>
	Contingency 3%								55840.41
	Labour Welfare 4%								74453.88
	<b>Total</b>								<b>130294.29</b>
	<b>Grand Total</b>								<b>1991641.33</b>

Rs. 1991641/- (Nineteen Lakh Ninety One Thousand Six Hundred Fourty One Only)

Technical Sanction No.

/2021-22/Dt- -2021

  
Range Forest Officer  
Kondaibari (T)

85

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Division-Dhule  
Range- Kondaibari  
Round- Dhaner

Model Rate Structure for Compensatory Afforestation Model No.4

Daily Wages Rate 406.46

Village-Sutare  
Gat No. 117  
Total Area- 77.00 Ha

Sr. No	Particulars of works	Per Hectare				Total 77.00 ha.			
		Mandays	Wages	M/S	Total	Mandays	Wages	M/S	Total
<b>Fourth year Operation</b>									
1	Watch and ward 12 months -1 watcher per 10.00 ha	36.50	14835.79	0.00	14835.79	2810.50	1142355.83	0.00	1142355.83
2	Counting of survival percentage Grid wise and species wise and to Note the same on register in May and October.	2.00	812.92	25.00	837.92	154.00	62594.84	1925.00	64519.84
3	Fire Tracing	2.00	812.92	0.00	812.92	154.00	62594.84	0.00	62594.84
	<b>Total</b>	<b>40.50</b>	<b>16461.63</b>	<b>25.00</b>	<b>16486.63</b>	<b>3118.50</b>	<b>1267545.51</b>	<b>1925.00</b>	<b>1269470.51</b>
	Contingency 3%								38084.12
	Labour Welfare 4%								50778.82
	<b>Total</b>								<b>88862.94</b>
	<b>Grand Total</b>								<b>1358333.45</b>

Rs. 1358333/- (Thirteen Lakh Fifty Eight Thousand Three Hundred Thirty Three Only)

Technical Sanction No.

/2021-22/Dt-

-2021

  
Range Forest Officer  
Kondaibari (T)

Division-Dhule  
Range- Kondaibari  
Round- Dhaner

Model Rate Structure for Compensatory Afforestation Model No.4


Daily Wages Rate 406.46

Village-Sutare  
Gat No. 117  
Total Area- 77.00 Ha

Sr. No	Particulars of works	Per Hectare				Total 77.00 ha.			
		Mandays	Wages	M/S	Total	Mandays	Wages	M/S	Total
<b>Fifth year Operation</b>									
1	Watch and ward 12 months -1 watcher per 10.00 ha	36.50	14835.79	0.00	14835.79	2810.50	1142355.83	0.00	1142355.83
2	Counting of survival percentage Grid wise and species wise and to Note the same on register in May and October.	2.00	812.92	25.00	837.92	154.00	62594.84	1925.00	64519.84
3	Fire Tracing	2.00	812.92	0.00	812.92	154.00	62594.84	0.00	62594.84
	<b>Total</b>	<b>40.50</b>	<b>16461.63</b>	<b>25.00</b>	<b>16486.63</b>	<b>3118.50</b>	<b>1267545.51</b>	<b>1925.00</b>	<b>1269470.51</b>
	Contingency 3%								38084.12
	Labour Welfare 4%								50778.82
	<b>Total</b>								<b>88862.94</b>
	<b>Grand Total</b>								<b>1358333.45</b>

Rs. 1358333/- (Thirteen Lakh Fifty Eight Thousand Three Hundred Thirty Three Only)

Technical Sanction No. /2021-22/Dt- -2021

  
Range Forest Officer  
Kondaibari (T)

Division-Dhule  
Range- Kondaibari  
Round- Dhaner

Model Rate Structure for Compensatory Afforestation Model No.4

Daily Wages Rate 406.46

Village-Sutare  
Gat No. 117  
Total Area- 77.00 Ha

Sr. No	Particulars of works	Per Hectare				Total 77.00 ha.			
		Mandays	Wages	M/S	Total	Mandays	Wages	M/S	Total
<b>Sixth year Operation</b>									
1	Watch and ward 12 months -1 watcher per 10.00 ha	36.50	14835.79	0.00	14835.79	2810.50	1142355.83	0.00	1142355.83
2	Counting of survival percentage Grid wise and species wise and to Note the same on register in May and October.	2.00	812.92	25.00	837.92	154.00	62594.84	1925.00	64519.84
3	Fire Tracing	2.00	812.92	0.00	812.92	154.00	62594.84	0.00	62594.84
	<b>Total</b>	<b>40.50</b>	<b>16461.63</b>	<b>25.00</b>	<b>16486.63</b>	<b>3118.50</b>	<b>1267545.51</b>	<b>1925.00</b>	<b>1269470.51</b>
	Contingency 3%								38084.12
	Labour Welfare 4%								50778.82
	<b>Total</b>								<b>88862.94</b>
	<b>Grand Total</b>								<b>1358333.45</b>

Rs. 1358333/- (Thirteen Lakh Fifty Eight Thousand Three Hundred Thirty Three Only)

Technical Sanction No. /2021-22/Dt- -2021

  
Range Forest Officer  
Kondaibari (T)

Division-Dhule  
Range- Kondaibari  
Round- Dhaner

Model Rate Structure for Compensatory Afforestation Model No.4

Daily Wages Rate 406.46

Village-Sutare  
Gat No. 117  
Total Area- 77.00 Ha


Sr. No	Particulars of works	Per Hectare				Total 77.00 ha.			
		Mandays	Wages	M/S	Total	Mandays	Wages	M/S	Total
<b>Seventh year Operation</b>									
1	Watch and ward 12 months -1 watcher per 10.00 ha	36.50	14835.79	0.00	14835.79	2810.50	1142355.83	0.00	1142355.83
2	Counting of survival percentage Grid wise and species wise and to Note the same on register in May and October.	2.00	812.92	25.00	837.92	154.00	62594.84	1925.00	64519.84
3	Fire Tracing	2.00	812.92	0.00	812.92	154.00	62594.84	0.00	62594.84
	<b>Total</b>	<b>40.50</b>	<b>16461.63</b>	<b>25.00</b>	<b>16486.63</b>	<b>3118.50</b>	<b>1267545.51</b>	<b>1925.00</b>	<b>1269470.51</b>
	Contingency 3%								38084.12
	Labour Welfare 4%								50778.82
	<b>Total</b>								<b>88862.94</b>
	<b>Grand Total</b>								<b>1358333.45</b>

Rs. 1358333/- (Thirteen Lakh Fifty Eight Thousand Three Hundred Thirty Three Only)

Technical Sanction No.

/2021-22/Dt-

-2021

  
Range Forest Officer  
Kondaibari (T)

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Division-Dhule  
Range- Kondaibari  
Round- Dhaner

Model Rate Structure for Compensatory Afforestation Model No.4

Daily Wages Rate 406.46

Village-Sutare  
Gat No. 117  
Total Area- 77.00 Ha

Sr. No	Particulars of works	Per Hectare				Total 77.00 ha.			
		Mandays	Wages	M/S	Total	Mandays	Wages	M/S	Total
<b>Eighth year Operation</b>									
1	Watch and ward 12 months -1 watcher per 10.00 ha	36.50	14835.79	0.00	14835.79	2810.50	1142355.83	0.00	1142355.83
2	Counting of survival percentage Grid wise and species wise and to Note the same on register in May and October.	2.00	812.92	25.00	837.92	154.00	62594.84	1925.00	64519.84
3	Fire Tracing	2.00	812.92	0.00	812.92	154.00	62594.84	0.00	62594.84
	<b>Total</b>	<b>40.50</b>	<b>16461.63</b>	<b>25.00</b>	<b>16486.63</b>	<b>3118.50</b>	<b>1267545.51</b>	<b>1925.00</b>	<b>1269470.51</b>
	Contingency 3%								38084.12
	Labour Welfare 4%								50778.82
	<b>Total</b>								<b>88862.94</b>
	<b>Grand Total</b>								<b>1358333.45</b>

Rs. 1358333/- (Thirteen Lakh Fifty Eight Thousand Three Hundred Thirty Three Only)

Technical Sanction No.

/2021-22/Dt- -2021

  
Range Forest Officer  
Kondaibari (T)

Division-Dhule  
Range- Kondaibari  
Round- Dhaner

Model Rate Structure for Compensatory Afforestation Model No.4

Daily Wages Rate 406.46

Village-Sutare  
Gat No. 117  
Total Area- 77.00 Ha

Sr. No	Particulars of works	Per Hectare				Total 77.00 ha.			
		Mandays	Wages	M/S	Total	Mandays	Wages	M/S	Total
<b>Ninth year Operation</b>									
1	Watch and ward 12 months -1 watcher per 10.00 ha	36.50	14835.79	0.00	14835.79	2810.50	1142355.83	0.00	1142355.83
2	Counting of survival percentage Grid wise and species wise and to Note the same on register in May and October.	2.00	812.92	25.00	837.92	154.00	62594.84	1925.00	64519.84
3	Fire Tracing	2.00	812.92	0.00	812.92	154.00	62594.84	0.00	62594.84
	<b>Total</b>	<b>40.50</b>	<b>16461.63</b>	<b>25.00</b>	<b>16486.63</b>	<b>3118.50</b>	<b>1267545.51</b>	<b>1925.00</b>	<b>1269470.51</b>
	Contingency 3%								38084.12
	Labour Welfare 4%								50778.82
	<b>Total</b>								<b>88862.94</b>
	<b>Grand Total</b>								<b>1358333.45</b>

Rs. 1358333/- (Thirteen Lakh Fifty Eight Thousand Three Hundred Thirty Three Only)

Technical Sanction No. /2021-22/Dt- -2021

  
Range Forest Officer  
Kondaibari (T)



Division-Dhule  
Range- Kondaibari  
Round- Dhaner

Model Rate Structure for Compensatory Afforestation Model No.4

Village-Sutare  
Gat No. 117  
Total Area- 77.00 Ha

Daily Wages Rate 406.46

Sr. No	Particulars of works	Per Hectare				Total 77.00 ha.			
		Mandays	Wages	M/S	Total	Mandays	Wages	M/S	Total
<b>Tenth year Operation</b>									
1	Watch and ward 12 months -1 watcher per 10.00 ha	36.50	14835.79	0.00	14835.79	2810.50	1142355.83	0.00	1142355.83
2	Counting of survival percentage Grid wise and species wise and to Note the same on register in May and October.	2.00	812.92	25.00	837.92	154.00	62594.84	1925.00	64519.84
3	Fire Tracing	2.00	812.92	0.00	812.92	154.00	62594.84	0.00	62594.84
	<b>Total</b>	<b>40.50</b>	<b>16461.63</b>	<b>25.00</b>	<b>16486.63</b>	<b>3118.50</b>	<b>1267545.51</b>	<b>1925.00</b>	<b>1269470.51</b>
	Contingency 3%								38084.12
	Labour Welfare 4%								50778.82
	<b>Total</b>								<b>88862.94</b>
	<b>Grand Total</b>								<b>1358333.45</b>

Rs. 1358333/- (Thirteen Lakh Fifty Eight Thousand Three Hundred Thirty Three Only)

Technical Sanction No.

/2021-22/Dt- -2021

  
Range Forest Officer  
Kondaibari (T)

ABSTACT

77.00 Hector

Gat No. 117

Total Hector 77.00

Sr. No	Perticulers of Work	Mandays	Wages	M/S	Total	Mandays	Wages	M/S	Total	
1	Pre manson work ppo/ pyo	168.07	68313.73	193278.4	261592.13	12941.39	5260157.38	14882436	20142593.38	
2	1st year Operation	133.41	54225.83	7174.68	61400.51	10272.57	4175388.8	552447.28	4727836.08	
3	2nd year Operation	73.48	29866.68	1719.1	31585.78	5657.96	2299734.42	132370.7	2432105.12	
4	3rd year Operation	57.17	23237.32	936.02	24173.34	4402.9	1789273.5	72073.54	1861347.04	
5	4th year Operation	40.5	16461.63	25	16486.63	3118.5	1267545.51	1925	1269470.51	
6	5th year Operation	40.5	16461.63	25	16486.63	3118.5	1267545.51	1925	1269470.51	
7	6th year Operation	40.5	16461.63	25	16486.63	3118.5	1267545.51	1925	1269470.51	
8	7th year Operation	40.5	16461.63	25	16486.63	3118.5	1267545.51	1925	1269470.51	
9	8th year Operation	40.5	16461.63	25	16486.63	3118.5	1267545.51	1925	1269470.51	
10	9th year Operation	40.5	16461.63	25	16486.63	3118.5	1267545.51	1925	1269470.51	
11	10th year Operation	40.5	16461.63	25	16486.63	3118.5	1267545.51	1925	1269470.51	
Total					494158.17	Total				38050175.19

Contengencies 3%	14824.75
Labour Welfare 4%	19766.33
<b>Total</b>	<b>34591.07</b>

<b>Grand Total</b>	<b>528749.24</b>
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Contengencies 3%	1141505.26
Labour Welfare 4%	1522007.01
<b>Total</b>	<b>2663512.26</b>

<b>Grand Total</b>	<b>40713687.45</b>
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 Range Forest Officer  
 Kondaibari (T)

Division-Dhule  
Range- Kondaibari  
Round- Dhaner

Village- Satarpada  
Gat No. 83/2  
Total Area- 10.00 Ha


Daily Wages Rate 406.46

Sr. No	Particulars of works	Per Hectare				Total 10.00 ha.			
		Mandays	Wages	M/S	Total	Mandays	Wages	M/S	Total
<b>A. Pre Monsoon Works PPO/PYO</b>									
1	(a) Survey and demarcation	1.00	406.46	91.00	497.46	10.00	4064.60	910.00	4974.60
	(b) Preparation of treatment map (100 m x 50 m grid)	1.00	406.46	91.00	497.46	10.00	4064.60	910.00	4974.60
	(c) Digging trial pits of size 0.30x0.30x0.60 in corner of Grid.	0.40	162.58	0.00	162.58	4.00	1625.84	0.00	1625.84
	(d) Fixing 60 cm x 0.05 cm x 12 cm cement pillars upto 30cm deep in corner of Grid, painting with Grid No. etc complete (3 pillars, Rs.75/- for each pillars)	0.00	0.00	225.00	225.00	0.00	0.00	2250.00	2250.00
	(e) Clearing of bushes and preparation of site (As per requirement)	10.00	4064.60	91.00	4155.60	100.00	40646.00	910.00	41556.00
2	Soil and moisture conservation works including collection of rubbles from areas upto 30 m etc	31.00	12600.26	0.00	12600.26	310.00	126002.60	0.00	126002.60
3	providing and fixing chain link fencing, 102 Rmt per ha (With one gate + two wockets gates for one site) (Rs. 1494/- per Rmt of basic rate + 20% for transportation of ave. lead plus 20% for tribal/remote area (by tender process.) (Rs. 1494 +149+149=1791/- per Rmt (1.60 rmt height with G.I. Chain link size 50mm x 50mm, 8 gauge thick and fixed 75 mm above ground level complete as per SSR item No. 1744 for (2017-18)	0.00	0.00	182865.60	182865.60	0.00	0.00	1828656.00	1828656.00
4	Aligment of pits at 3m x 3m spacement. 1111 pits per 100 pits 0.26 M.D. M/S 8.18 per 100 pits	2.89	1174.67	91.00	1265.67	28.90	11746.69	910.00	12656.69
5	Digging of pits of size 0.45 x 0.45x 0.45 m (1111 pits per ha) 6.60 M.D per 100 pits	73.33	29805.71	0.00	29805.71	733.30	298057.12	0.00	298057.12
6	Construction of 5.00 Rmt wide Inspection path 1 M.D. per 100 Rmt	1.00	406.46	0.00	406.46	10.00	4064.60	0.00	4064.60
7	Enumeration of all Valuable plant species at plantation site and grid wise counting and providing color band and recording the same in Register (0.75 M.D.) per 100 plants	0.75	304.85	25.00	329.85	7.50	3048.45	250.00	3298.45
8	Providing and fixing (4 feet x 3 feet) information boiard each per site	0.00	0.00	5000.00	5000.00	0.00	0.00	50000.00	50000.00

9	Part Nursery cost of raising 1333 seedlings per ha (including 20% casualty replacement) in polygons of size 12.50 x 25.00 cm (Wages Rs.11.90 and M & S Rs. 3.60 per plant)	46.70	18981.68	4798.80	237804.82	467.00	189816.82	47988.00	237804.82
	<b>Total</b>	<b>168.07</b>	<b>68313.73</b>	<b>193278.40</b>	<b>261592.13</b>	<b>1680.70</b>	<b>683137.32</b>	<b>1932784.00</b>	<b>2615921.32</b>
	Contingency 3%								78477.64
	Labour Welfare 4%								104636.85
	<b>Total</b>								<b>183114.49</b>
	<b>Grand Total</b>								<b>2799036</b>

Rs. 2799036/- (Twenty Seven Lakh Ninety Nine Thousand Thirty Six Only)

Technical Sanction No. /2021-22/Dt- -2021

  
Range Forest Officer  
Kondaibari (T)

## Model Rate Structure for Compensatory Afforestation (Tel No.4)

Division-Dhule  
Range- Kondaibari  
Round- Dhaner


Daily Wages Rate 406.46

Village- Satarpada  
Gat No. 83/2  
Total Area- 10.00 Ha

Sr. No	Particulars of works	Per Hectare				Total 10.00 ha.			
		Mandays	Wages	M/S	Total	Mandays	Wages	M/S	Total
<b>1st year Operation</b>									
1	Part Nursery cost for maintainance of 1333 seedlings per ha Rs. 2.64 per seedling (Wages Rs 2.69, M & S Rs. 0.81)	14.80	6015.61	1079.73	7095.34	148.00	60156.08	10797.30	70953.38
2	Refilling of pits with good quality soil & single super phosphate Rs. 0.96 per pit (1.66 M.D per 100 Pits)	18.44	7495.12	1944.25	9439.37	184.40	74951.22	19442.50	94393.72
3	Transportation of 1333 seedlings from Nursery to plantation site including loading & unloading (0.14 M.D. per 100 seedlings & M.S. Rs. 1.82 per Seedings)	1.87	760.08	2426.00	3186.08	18.70	7600.80	24260.00	31860.80
4	Planting of 1111 seedlings 1.0 M.D per 100 seedlings)	11.11	4515.77	0.00	4515.77	111.10	45157.71	0.00	45157.71
5	3 seedlings (1 Rmt circulat) and 2 soil working (4.00 M.D. per 100 seedlings) fertilizer application Rs. 0.82 per seedlings	44.44	18063.08	911.02	18974.10	444.40	180630.82	9110.20	189741.02
6	Causality replacement (20%222 seedling per ha)(2 M.D per 100 seedlings)	4.44	1804.68	0.00	1804.68	44.40	18046.82	0.00	18046.82
7	part nursery cost for raising seedling for casuality replacement in SYO. (222 seedlings per ha)(Wages Rs. 11.90 and material supply Rs. 3.62 total Rs. 12.55 per seedling)	7.78	3162.26	803.64	3965.90	77.80	31622.59	8036.40	39658.99
8	watch and ward (9 months) 1 watcher per 10 ha.	27.38	11128.87	0.00	11128.87	273.80	111288.75	0.00	111288.75
9	Soil working for naturally grower plants and singling (1.15 M.D. per 100 plants)	1.15	467.43	10.00	477.43	11.50	4674.29	100.00	4774.29
10	fire tracing	2.00	812.92	0.00	812.92	20.00	8129.20	0.00	8129.20
	<b>Total</b>	<b>133.41</b>	<b>54225.83</b>	<b>7174.64</b>	<b>61400.47</b>	<b>1334.10</b>	<b>542258.29</b>	<b>71746.40</b>	<b>614004.69</b>
	Contingency 3%								18420.14
	Labour Welfare ( medi & water) 4%								24560.19
	<b>Total</b>								<b>42980.33</b>
	<b>Grand Total</b>								<b>656985</b>

Rs. 656985/- (Six Lakh Fifty Six Thousand Nine Hundred Eighty Five Only)

Technical Sanction No. /2021-22/Dt- -2021

  
Range Forest Officer  
Kondaibari (T)

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Model Rate Structure for Compensatory Afforestation Form No.4

Division-Dhule  
Range- Kondaibari  
Round- Dhaner


Daily Wages Rate 406.46

Village- Satarpada  
Gat No. 83/2  
Total Area- 10.00 Ha

Sr. No	Particulars of works	Per Hectare				Total 10.00 ha.			
		Mandays	Wages	M/S	Total	Mandays	Wages	M/S	Total
<b>Second year Operation</b>									
1	Part nursery cost for seedlings for causality replacement (222 seedlings per ha).labour rate @ Rs.3.77 and M.S. Rs. 1.82 per seedlings.	2.46	999.89	404.04	1403.93	24.60	9998.92	4040.40	14039.32
2	Transportation of 222 seedlings for casualty replacement from Nursery to plantation site (including loading & unloading) wages 0.14 M.D per 100 Seeding & M.S. Rs. 1.82 per Seedlings	0.31	126.00	404.04	530.04	3.10	1260.03	4040.40	5300.43
3	Planting for Casualty replacement 222 seedlings (2.00 M.D. per 100 Seedlings)	4.44	1804.68	0.00	1804.68	44.40	18046.82	0.00	18046.82
4	2 weedings and 1 soil working, with fertilizer application 2.5 M.D. per 100 seedlings at M.S. Rs. 0.82 per seedling.	27.77	11287.39	911.02	12198.41	277.70	112873.94	9110.20	121984.14
	Watch and ward 12 months -1 watcher per 10.00 ha	36.50	14835.79	0.00	14835.79	365.00	148357.90	0.00	148357.90
5	Fire Tracing	2.00	812.92	0.00	812.92	20.00	8129.20	0.00	8129.20
	<b>Total</b>	<b>73.48</b>	<b>29866.68</b>	<b>1719.10</b>	<b>31585.78</b>	<b>734.80</b>	<b>298666.81</b>	<b>17191.00</b>	<b>315857.81</b>
	Contingency 3%								9475.73
	Labour Welfare 4%								12634.31
	<b>Total</b>								<b>22110.05</b>
	<b>Grand Total</b>								<b>337967.85</b>

Rs. 337968/- ( Three Lakh Thirty Seven Thousand Nine Hundred Sixty Eight Only)

Technical Sanction No. /2021-22/Dt- -2021

  
Range Forest Officer  
Kondaibari (T)

Division-Dhule  
Range- Kondaibari  
Round- Dhaner

Model Rate Structure for Compensatory Afforestation Model No.4

Daily Wages Rate 406.46

Village- Satarpada  
Gat No. 83/2  
Total Area- 10.00 Ha


Sr. No	Particulars of works	Per Hectare				Total 10.00 ha.			
		Mandays	Wages	M/S	Total	Mandays	Wages	M/S	Total
<b>Third year Operation</b>									
1	1 weeding and 1 soil working (1.50 M.D. per 100 seedlings) applying fertilizer @ Rs. 0.82 per plant.	16.67	6775.69	911.02	7686.71	166.70	67756.88	9110.20	76867.08
2	Watch and ward 12 months -1 watcher per 10.00 ha	36.50	14835.79	0.00	14835.79	365.00	148357.90	0.00	148357.90
3	Counting of survival percentage Grid wise and species wise and to Note the same on register in May and October.	2.00	812.92	25.00	837.92	20.00	8129.20	250.00	8379.20
4	Fire Tracing	2.00	812.92	0.00	812.92	20.00	8129.20	0.00	8129.20
	<b>Total</b>	<b>57.17</b>	<b>23237.32</b>	<b>936.02</b>	<b>24173.34</b>	<b>571.70</b>	<b>232373.18</b>	<b>9360.20</b>	<b>241733.38</b>
	Contingency 3%								7252.00
	Labour Welfare 4%								9669.34
	<b>Total</b>								<b>16921.34</b>
	<b>Grand Total</b>								<b>258654.72</b>

Rs. 258655/- (Two Lakh Fifty Eight Thousand Six Hundred Fifty Five Only)

Technical Sanction No.

/2021-22/Dt-

-2021

  
Range Forest Officer  
Kondaibari (T)

Model Rate Structure for Compensatory Afforestation Model No.4

Division-Dhule  
Range- Kondaibari  
Round- Dhaner


Daily Wages Rate 406.46

Village- Satarpada  
Gat No. 83/2  
Total Area- 10.00 Ha

Sr. No	Particulars of works	Per Hectare				Total 10.00 ha.			
		Mandays	Wages	M/S	Total	Mandays	Wages	M/S	Total
<b>Fourth year Operation</b>									
1	Watch and ward 12 months -1 watcher per 10.00 ha	36.50	14835.79	0.00	14835.79	365.00	148357.90	0.00	148357.90
2	Counting of survival percentage Grid wise and species wise and to Note the same on register in May and October.	2.00	812.92	25.00	837.92	20.00	8129.20	250.00	8379.20
3	Fire Tracing	2.00	812.92	0.00	812.92	20.00	8129.20	0.00	8129.20
	<b>Total</b>	<b>40.50</b>	<b>16461.63</b>	<b>25.00</b>	<b>16486.63</b>	<b>405.00</b>	<b>164616.30</b>	<b>250.00</b>	<b>164866.30</b>
	Contingency 3%								4945.99
	Labour Welfare 4%								6594.65
	<b>Total</b>								<b>11540.64</b>
	<b>Grand Total</b>								<b>176406.94</b>

Rs. 176407/- ( One Lakh Seventy Six Thousand Four Hundred Seven Only)

Technical Sanction No. /2021-22/Dt- -2021

  
Range Forest Officer  
Kondaibari (T)



Division-Dhule  
Range- Kondaibari  
Round- Dhaner

Model Rate Structure for Compensatory Afforestation Model No.4


Daily Wages Rate 406.46

Village- Satarpada  
Gat No. 83/2  
Total Area- 10.00 Ha

Sr. No	Particulars of works	Per Hectare				Total 10.00 ha.			
		Mandays	Wages	M/S	Total	Mandays	Wages	M/S	Total
<b>Fifth year Operation</b>									
1	Watch and ward 12 months -1 watcher per 10.00 ha	36.50	14835.79	0.00	14835.79	365.00	148357.90	0.00	148357.90
2	Counting of survival percentage Grid wise and species wise and to Note the same on register in May and October.	2.00	812.92	25.00	837.92	20.00	8129.20	250.00	8379.20
3	Fire Tracing	2.00	812.92	0.00	812.92	20.00	8129.20	0.00	8129.20
	<b>Total</b>	<b>40.50</b>	<b>16461.63</b>	<b>25.00</b>	<b>16486.63</b>	<b>405.00</b>	<b>164616.30</b>	<b>250.00</b>	<b>164866.30</b>
	Contingency 3%								4945.99
	Labour Welfare 4%								6594.65
	<b>Total</b>								<b>11540.64</b>
	<b>Grand Total</b>								<b>176406.94</b>

Rs. 176407/- ( One Lakh Seventy Six Thousand Four Hundred Seven Only)

Technical Sanction No. /2021-22/Dt- -2021

  
Range Forest Officer  
Kondaibari (T)

Division-Dhule  
Range- Kondaibari  
Round- Dhaner

Model Rate Structure for Compensatory Afforestation Form No.4


Daily Wages Rate 406.46

Village- Satarpada  
Gat No. 83/2  
Total Area- 10.00 Ha

Sr. No	Particulars of works	Per Hectare				Total 10.00 ha.			
		Mandays	Wages	M/S	Total	Mandays	Wages	M/S	Total
<b>Sixth year Operation</b>									
1	Watch and ward 12 months -1 watcher per 10.00 ha	36.50	14835.79	0.00	14835.79	365.00	148357.90	0.00	148357.90
2	Counting of survival percentage Grid wise and species wise and to Note the same on register in May and October.	2.00	812.92	25.00	837.92	20.00	8129.20	250.00	8379.20
3	Fire Tracing	2.00	812.92	0.00	812.92	20.00	8129.20	0.00	8129.20
	<b>Total</b>	<b>40.50</b>	<b>16461.63</b>	<b>25.00</b>	<b>16486.63</b>	<b>405.00</b>	<b>164616.30</b>	<b>250.00</b>	<b>164866.30</b>
	Contingency 3%								4945.99
	Labour Welfare 4%								6594.65
	<b>Total</b>								<b>11540.64</b>
	<b>Grand Total</b>								<b>176406.94</b>

Rs. 176407/- ( One Lakh Seventy Six Thousand Four Hundred Seven Only)

Technical Sanction No. /2021-22/Dt- -2021

  
Range Forest Officer  
Kondaibari (T)

Model Rate Structure for Compensatory Afforestation Model No.4

Division-Dhule  
Range- Kondaibari  
Round- Dhaner

Village- Satarpada  
Gat No. 83/2  
Total Area- 10.00 Ha

Daily Wages Rate 406.46

Sr. No	Particulars of works	Per Hectare				Total 10.00 ha.			
		Mandays	Wages	M/S	Total	Mandays	Wages	M/S	Total
<b>Seventh year Operation</b>									
1	Watch and ward 12 months -1 watcher per 10.00 ha	36.50	14835.79	0.00	14835.79	365.00	148357.90	0.00	148357.90
2	Counting of survival percentage Grid wise and species wise and to Note the same on register in May and October.	2.00	812.92	25.00	837.92	20.00	8129.20	250.00	8379.20
3	Fire Tracing	2.00	812.92	0.00	812.92	20.00	8129.20	0.00	8129.20
	<b>Total</b>	<b>40.50</b>	<b>16461.63</b>	<b>25.00</b>	<b>16486.63</b>	<b>405.00</b>	<b>164616.30</b>	<b>250.00</b>	<b>164866.30</b>
	Contingency 3%								4945.99
	Labour Welfare 4%								6594.65
	<b>Total</b>								<b>11540.64</b>
	<b>Grand Total</b>								<b>176406.94</b>

Rs. 176407/- ( One Lakh Seventy Six Thousand Four Hundred Seven Only)

Technical Sanction No. /2021-22/Dt- -2021

  
Range Forest Officer  
Kondaibari (T)

Model Rate Structure for Compensatory Afforestation Model No.4

Division-Dhule  
Range- Kondaibari  
Round- Dhaner


Daily Wages Rate 406.46

Village- Satarpada  
Gat No. 83/2  
Total Area- 10.00 Ha

Sr. No	Particulars of works	Per Hectare				Total 10.00 ha.			
		Mandays	Wages	M/S	Total	Mandays	Wages	M/S	Total
<b>Eighth year Operation</b>									
1	Watch and ward 12 months -1 watcher per 10.00 ha	36.50	14835.79	0.00	14835.79	365.00	148357.90	0.00	148357.90
2	Counting of survival percentage Grid wise and species wise and to Note the same on register in May and October.	2.00	812.92	25.00	837.92	20.00	8129.20	250.00	8379.20
3	Fire Tracing	2.00	812.92	0.00	812.92	20.00	8129.20	0.00	8129.20
	<b>Total</b>	<b>40.50</b>	<b>16461.63</b>	<b>25.00</b>	<b>16486.63</b>	<b>405.00</b>	<b>164616.30</b>	<b>250.00</b>	<b>164866.30</b>
	Contingency 3%								4945.99
	Labour Welfare 4%								6594.65
	<b>Total</b>								<b>11540.64</b>
	<b>Grand Total</b>								<b>176406.94</b>

Rs. 176407/- ( One Lakh Seventy Six Thousand Four Hundred Seven Only)

Technical Sanction No. /2021-22/Dt- -2021

  
Range Forest Officer  
Kondaibari (T)

Division-Dhule  
Range- Kondaibari  
Round- Dhaner

Model Rate Structure for Compensatory Afforestation Model No.4

Daily Wages Rate 406.46

Village- Satarpada  
Gat No. 83/2  
Total Area- 10.00 Ha

Sr. No	Particulars of works	Per Hectare				Total 10.00 ha.			
		Mandays	Wages	M/S	Total	Mandays	Wages	M/S	Total
<b>Ninth year Operation</b>									
1	Watch and ward 12 months -1 watcher per 10.00 ha	36.50	14835.79	0.00	14835.79	365.00	148357.90	0.00	148357.90
2	Counting of survival percentage Grid wise and species wise and to Note the same on register in May and October.	2.00	812.92	25.00	837.92	20.00	8129.20	250.00	8379.20
3	Fire Tracing	2.00	812.92	0.00	812.92	20.00	8129.20	0.00	8129.20
	<b>Total</b>	<b>40.50</b>	<b>16461.63</b>	<b>25.00</b>	<b>16486.63</b>	<b>405.00</b>	<b>164616.30</b>	<b>250.00</b>	<b>164866.30</b>
	Contingency 3%								4945.99
	Labour Welfare 4%								6594.65
	<b>Total</b>								<b>11540.64</b>
	<b>Grand Total</b>								<b>176406.94</b>

Rs. 176407/- ( One Lakh Seventy Six Thousand Four Hundred Seven Only)  
Technical Sanction No. /2021-22/Dt- -2021

  
Range Forest Officer  
Kondaibari (T)

Division-Dhule  
Range- Kondaibari  
Round- Dhaner

Model Rate Structure for Compensatory Afforestation Model No.4

Village- Satarpada  
Gat No. 83/2  
Total Area- 10.00 Ha

Daily Wages Rate 406.46

Sr. No	Particulars of works	Per Hectare				Total 10.00 ha.			
		Mandays	Wages	M/S	Total	Mandays	Wages	M/S	Total
<b>Tenth year Operation</b>									
1	Watch and ward 12 months -1 watcher per 10.00 ha	36.50	14835.79	0.00	14835.79	365.00	148357.90	0.00	148357.90
2	Counting of survival percentage Grid wise and species wise and to Note the same on register in May and October.	2.00	812.92	25.00	837.92	20.00	8129.20	250.00	8379.20
3	Fire Tracing	2.00	812.92	0.00	812.92	20.00	8129.20	0.00	8129.20
	<b>Total</b>	<b>40.50</b>	<b>16461.63</b>	<b>25.00</b>	<b>16486.63</b>	<b>405.00</b>	<b>164616.30</b>	<b>250.00</b>	<b>164866.30</b>
	Contingency 3%								4945.99
	Labour Welfare 4%								6594.65
	<b>Total</b>								<b>11540.64</b>
	<b>Grand Total</b>								<b>176406.94</b>

Rs. 176407/- ( One Lakh Seventy Six Thousand Four Hundred Seven Only)

Technical Sanction No. /2021-22/Dt- -2021

  
Range Forest Officer  
Kondaibari (T)

ABSTACT

10.00 Hector

Gat No. 83/2

Total Hector 10.00

Sr. No	Perticulers of Work	Mandays	Wages	M/S	Total	Mandays	Wages	M/S	Total		
1	Pre manson work ppo/ pyo	168.07	68313.73	193278.4	261592.13	1680.7	683137.32	1932784	2615921.32		
2	1st year Operation	133.41	54225.83	7174.68	61400.51	1334.1	542258.29	71746.4	614004.69		
3	2nd year Operation	73.48	29866.68	1719.1	31585.78	734.8	298666.81	17191	315857.81		
4	3rd year Operation	57.17	23237.32	936.02	24173.34	570.7	232373.18	9360.2	241733.38		
5	4th year Operation	40.5	16461.63	25	16486.63	405	164616.3	250	164866.3		
6	5th year Operation	40.5	16461.63	25	16486.63	405	164616.3	250	164866.3		
7	6th year Operation	40.5	16461.63	25	16486.63	405	164616.3	250	164866.3		
8	7th year Operation	40.5	16461.63	25	16486.63	405	164616.3	250	164866.3		
9	8th year Operation	40.5	16461.63	25	16486.63	405	164616.3	250	164866.3		
10	9th year Operation	40.5	16461.63	25	16486.63	405	164616.3	250	164866.3		
11	10th year Operation	40.5	16461.63	25	16486.63	405	164616.3	250	164866.3		
Total					494158.17	Total					4941581.3

Contengencies 3%	14824.7451
Labour Welfare 4%	19766.3268
<b>Total</b>	<b>34591.0719</b>

<b>Grand Total</b>	<b>528749.2419</b>
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Contengencies 3%	148247.439
Labour Welfare 4%	197663.252
<b>Total</b>	<b>345910.691</b>

<b>Grand Total</b>	<b>5287491.991</b>
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Range Forest Officer  
Kondaibari (T)