

File No : /5

VIDHARBHA IRRIGATION DEVELOPMENT CORPORATION,
NAGPUR



GOSIKHURD NATIONAL PROJECT

Forest Proposal

Asolamendha Renovation Project

Compliances of EDS

Dated 20.05.2024

GOSIKHURD PROJECT CIRCLE, NAGPUR

ASOLAMENDHA RENOVATION PROJECT DIVISION NO.1 MUL



**Vidarbha Irrigation Development Corporation
Nagpur**

**Office :- Executive Engineer,
Asolamendha Project Renovation Division No.1 Mul
Email ID- eeaprdn1@gmail.com Tel.:-07174-220554**



Outward No.. **745** / TS / Forest Proposal/ 2024
To,

Date:- **24/05/2024**

Divisional Forest Officer
Forest Division Chandrapur.

Subject:- Diversion of 315.74 ha forest land under Forest (Conservation), Act 1980 for Renovation of Asolamendha Irrigation Project in Division Bramhapuri, Central Chanda and Chandrapur Forest Divisions of Saoli, Mul and Pombhurna talukas of Chandrapur District in the State of Maharashtra-regarding.

Ref :- MOEF New Delhi Forest Proposal EDS dated 20/05/2024 on Parivesh Portal.

*_*_*_*_*_*

According to the above reference, it was proposed to raise the height of Asolamendha Dam by 2.70 m, thereby increasing the capacity of the dam from 67 TMC to 120 TMC and increasing the irrigation potential from 9919 Ha to 54879 Ha. Out of 54879 Ha Irrigation Potential, about 54096 ha of Irrigation Potential has been created till date. If the work of Dam raising is not done at the earliest, it will not be possible to give proposed irrigation benefits to the farmers as design discharge will not be possible to be released in the main Canal. Therefore it is of utmost importance to divert 315.74 ha (242.47 ha for submergence and 72.27 for canal network) forest land at the earliest which will lead to starting Dam Raising Work.

The Forest proposal was returned for correction on 10.10.2023 by Central Government's letter no. (File No. 8-33/20222-FC) for Compliances. However, after complying with the said errors, the forest proposal was resubmitted on 26.12.2023. According to the proposal submitted to the Secretary Minister Environment, Forests and Climate Change New Delhi, the Forest proposal was taken up in the FAC meeting on 17.01.2024 in which three issues were raised during discussion. Compliance of the said points were submitted to the Hon. Secretary Minister Environment, Forests and Climate Change New Delhi, on dated 18.03.2024 the forest proposal was taken up for the second time in the FAC meeting on 30.04.2024 and again five issues were raised during discussion. The Compliance of MoEFCC EDS dated 20.05.2024 is being submitted with detailed indexed compliance report submitted herewith .

for your information and Further action.

Enclose:- 1) Compliance Report (Point. I to V) .
(Page No. 1 to 24)

(J.B. )
Executive Engineer
Asolamendha Project Renovation
Division No.1 Mul

Copy to: 1) Superintending Engineer Gosikhurd Project Circle Nagpur for kind Information.
2) Subdivisional Engineer, Asolamendha Project Subdivision Saoli for information & Necessary action.

**Forest Proposal for Diversion of 315.74 ha of Forest Land for Asolamendha
Project, Dist. Chandrapur, Maharashtra State**

Compliance Report of EDS dated 30/04/2024

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Compliances of EDS issued by MOEF vide letter 8-33/2022--FC dated 30/04/2024

Sr. No.	Points for Attention of field officers.	Compliances
I	<p>The Asolamendha Irrigation Project in the Chandrapur District was constructed in British Era and the dam construction completed in the year 1914. The State government therefore has to ensure the safety and stability of the existing dam structure and its capacity to hold such a huge volume, in view of the fact that the dam has been constructed in the year 1914 and the irrigation potential of the instant project is proposed to increase from 9919 ha to 54879 ha due to increase in the height of the dam. A certificate in this regard shall be submitted by a competent authority of the state government.</p>	<p>The height of Dam is raised by 2.70 m and the design for the same has been done by the Central Design Organisation, Nashik which is the Premier design organisation under Water Resources Department, Govt of Maharashtra. All the major structures like, Dam, Spillways and other Irrigation structures are designed by CDO, Nashik. Cross section of the Dam has been revised in order to hold the increased volume of water safely.</p> <p>Asolamendha Earthen Dam, with increased height is designed by CDO, Nashik and is approved by Competent Authority, Chief Engineer, Gosikhurd Project, Water Resources Department, Nagpur vide letter No. 485 dated 15/02/2010.</p> <p>Copy of the approved drawing is submitted herewith (Pn 4). Letter of approval and Certificate by the Competent Authority in this regard is also attached herewith (Pn 5).</p>
II	<p>The non-forest land identified for the compensatory afforestation (CA) is situated in the periphery of Bembla Reservoir in Yavatmal District and a part of the area has been found to be under water as per DSS analysis. The Regional Office has also raised concerns regarding the protection of the said area. Keeping this in view, the Regional Office, Nagpur shall revisit the area proposed for Compensatory Afforestation, examine its suitability and furnish its clear recommendations in this regard.</p>	<p>The non forest land for the Compensatory Afforestation (CA) is situated in the periphery of Bembla Reservoir under Water Resources Department, GOM. As per the survey and demarcation done at the site, there is no area under submergence as the area proposed is well above the present submergence area. The Kml file showing that no CA land proposed is under submergence is attached herewith along with the hard copy (Pn 6 to 7). Final KML file is also uploaded on the Parivesh Portal. The map showing the Khasra details on DGPS map of the demarcated land and line of submergence is also attached herewith (Pn 8). Toposheet showing the CA land is attached herewith (Pn 9).</p>

		<p>In order to mitigate the concerns raised by Regional office, regarding protection of CA land, it is brought to your kind notice that fencing on all sides has been proposed in the 10 year CA Scheme prepared by DFO, Yavatmal. Out of total outlay of Rs 27.3 Cr for 10 year CA plan, about 7.99 Cr is allocated for Chain link fencing of CA area for length of about 33 Km on outer side and water side. This would provide heavy protection to the CA land. The copy of the CA Scheme is attached herewith (Pn 10 to 17).. User Agency has given undertaking to deposit the required amount with Forest Department.</p> <p>Regional office Nagpur will furnish clear recommendations after the visit independently.</p>
<p>III</p>	<p>The State shall submit the complete details, background, area already utilized for Compensatory Afforestation and legal status of 2635 ha area under Bembala project which was approved for alternative afforestation.</p>	<p>As per the order of Govt. of Maharashtra dated 12/09/2018 (Pn 18 to 21), it can be seen that the storage of Bembla reservoir has been reduced from 302 Mm³ to 183.94 Mm³ and accordingly the water utilisation has been reduced from 352.8 Mm³ to 256.76 Mm³. Due to this Irrigable command area is also reduced from 40170 ha to 38850 ha. In the revised planning, this reduction in the storage capacity of reservoir has led to the surplus land of 2635 ha. Out of this surplus land, 316 ha of land has been demarcated for Compensatory Afforestation for Asolamendha Project.</p> <p>As regards the legal status of land, revenue records show that entire land is in the name of Executive Engineer, Bembla Project Dam under Water Resources Department, GOM. The land acquisition procedure is already completed and 7/12 forms for land proposed for CA land are mutated in the name of Executive Engineer, Bembla Project Dam. The revenue documents (English translation) for the same are already</p>

		submitted along with the proposal. As mentioned in the order dated 12/09/2018, the excess Bembla project land is proposed to be utilised for CA land for irrigation projects involving diversion of forest land. In future when entire land i.e 2615 ha, will be developed as CA land involving plantation/ bird sanctuary/ nesting grounds etc Ideal Environmental ecosystem for Sustainable Development will be formed.
IV	Asolamendha Renovation Project involves proposal for diversion of 315.74 ha forest area, out of which 267.33 ha forest area has been moved for clearance from the NBWL for corridor of animals including tiger. The Committee observed that the details of the remaining area which has not been included in the proposal along with detailed reasons for not including the same in the proposal seeking clearance of SCNBWL needs to be provided.	As per the Forest Department records, land under diversion does not involve major WII Tiger Corridor like Eastern Vidarbha Corridor. The area involved in the proposed diverted land fall under WII grid (Corridor formed due to Telemetric record of Tiger Movements). The land details in the WII grid/report along with map showing the WII Tiger Corridor, WII grid along with Asolamendha project area is attached herewith (Pn 22-24). It is clear from the Map that WII grid involves only submergence area and initial few Kms of the Main Canal. Rest of the area to be diverted is not included in WII grid, This is verified from report by the office of DFO/Wild life Warden and CCF, Chandrapur.
V	Further it was decided that the issue of notification issued by the Wildlife Division of the Ministry dated 18.03.24 with respect to issuance of FC before taking the matter before the SC-NBWL will be taken as policy matter in the next meeting.	It is requested to consider the project for Stage I clearance in the next meeting.


Junior Engineer


Sub Divisional Engineer
Asolamendha Project
Sub Dn, Saoli

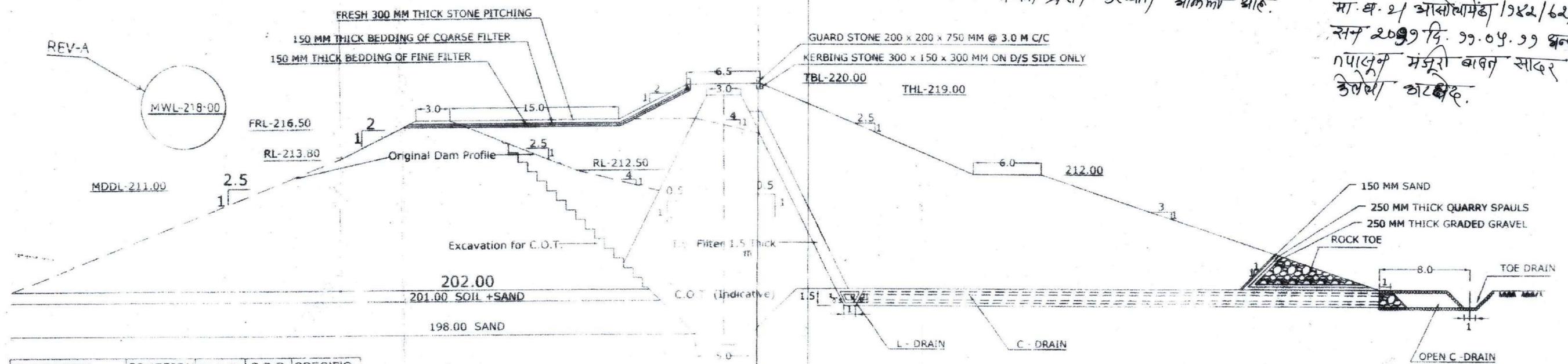

Executive Engineer
Asolamendha Project Renovation
Dn I, Mul

मुख्य अभियंता, गोशिकुर्द प्रकल्प, जलसंधारण विभाग, नागपूर यांचे फा क्र. ४८५/मु.अ.प्र.१/मा.व.१/आसोधामंडा २०१०/दि. १५/२/२०१० अन्वये मान्यता प्रदान करण्यात आले आहे.

अधिकृत अभियंता (मा.य.) संकल्पचिंतन नाशिक यांचे फा क्र. म.सं.स/मा.य./मा.व.१/आसोधामंडा/१४२/६२०/सन २०११ दि. ११.०५.११ अन्वये नपालूम मंजूरी बाबत साकर केंद्रावर ठरविले.

GENERAL NOTES

1. ALL DIMENSIONS ARE IN METRES EXCEPT WHERE OTHER WISE SPECIFIED.
2. DIMENSIONS ARE NOT TO BE SCALED OUT FROM THE DRAWING.
3. THE C.O.T. SHOWN ON THIS DRAWING IS INDICATIVE AND SHALL BE FINALISED AS PER ACTUAL SITE CONDITIONS.
4. THE HEIGHT OF ROCK TOE SHOULD BE MAXIMUM OF :
i). SUCH AS TO BE 1.0 M ABOVE TAIL WATER LEVEL OR 15 % OF HYDRAULIC HEAD
ii). SUCH AS TO BE 0.5 M ABOVE HORIZONTAL FILTER MAT, IF PROVIDED.
iii). MINIMUM HEIGHT WILL BE 1.0 M AND LIMITED TO 4.0 M.
5. SINCE LOCAL FAILURE CIRCLES ARE GENERALLY SHALLOW, IT IS VERY NECESSARY TO SEE THAT NEAR THE EDGES OF SECTIONS COMPACTION IS DONE VERY THOROUGHLY. IT IS ALSO PREFERABLE TO DO COMPACTION OF SLOPES BY MACHINERY.
6. DURING CONSTRUCTION, ALLOWANCE FOR SETTLEMENT MAY BE PROVIDED 1% OF THE HEIGHT OF DAM ABOVE STRIPPED LEVEL. THIS ALLOWANCE MAY BE PROVIDED FOR BY LOCALLY STEEPENING THE SLOPE ABOVE THE FIRST BERM (FROM THE TOP) ON BOTH SIDES.
7. THE CROSS SECTION AT R.D. 1830.00m IS TO BE ADOPTED THROUGHOUT.
8. DETAILS OF VARIOUS COMPONENTS LIKE PITCHING, ROCK TOE, TOE DRAINS ETC SHALL BE FINALISED AT FIELD LEVEL. DIMENSIONS OF COMPONENTS SHOWN ON THE DRAWING ARE INDICATIVE.
9. THE CASING AND HEARTING SOILS TO BE USED FOR CONSTRUCTION OF THIS SECTION MUST BE OBTAINED FROM THE QUARRIES HAVING SOIL PROPERTIES SATISFYING THE DESIGN VALUES. THE OLD AND NEW EARTH WORK SHALL BE SUITABLY JOINED BY STEPPING.
10. THE PERMEABILITY OF CASING MATERIAL IS 378×10^{-6} . THEREFORE PORE PRESSURE IS ASSUMED @100%.
11. THE SAND MAT SHOWN BELOW THE PITCHING MAY BE REPLACED BY GRAVEL/METAL IF IT SATISFIES THE FILTER CRITERIA.
12. THE FILTER MATERIAL SHOULD SATISFY THE FOLLOWING CRITERIA WITH THE BASE MATERIAL:
a) $D_{15}(F) > 4 \text{ AND } < 20$ b = BASE MATERIAL
b) $D_{85}(F) < 5$
c) $D_{50}(F) < 25$
d) 50%.
13. THE GRADATION CURVE OF THE FILTER MATERIAL SHOULD BE NEARLY PARALLEL TO THE GRADATION CURVE OF BASE MATERIAL.
14. MATERIAL BELOW 0.075 mm SHOULD NOT EXCEED 5%.
15. THE DAM SITE LIES IN THE EARTHQUAKE ZONE NO. III OF SEISMIC MAP AS GIVEN IN IS 1893 1984.
16. THE SECTION SHALL BE ISSUED FOR CONSTRUCTION ONLY AFTER THE APPROVAL OF THE COMPETENT AUTHORITY.



PROPERTIES	COHESION T/M2	TAN Ø	O.D.D. gm/cc	SPECIFIC GRAVITY
CASING	1.00	0.39	1.66	2.73
HEARTING	1.80	0.38	1.67	2.75
FOUNDATION - 1 (SOIL)	1.90	0.27	1.55	2.71
FOUNDATION - 2 (SAND) Assumed	0.10	0.60	1.70	2.70
FOUNDATION - 3 HARD ROCK	0.00	0.80	1.80	2.80

ASOLAMENDHA TANK- E.D.S. AT RD 1830.00 M

SCALE - 1 : 400

REVISION TABLE

REV NO	DATE	DESCRIPTION
A	5/1/2011	THE MWL HAS BEEN CHANGED FROM 217.50 m TO 218.00 m (REFER NOTE NO.17)

- 15) THIS DRAWING IS ISSUED IN RESPONSE TO THE PROPOSAL RECEIVED VIDE C.E.,GOSHIKHURD PROJECT'S LETTER NO.4446 DATED 9/12/2009 AND AS PER CONSENT TO THE DESIGN, DRAWING GIVEN BY C.E.,GOSHIKHURD PROJECT BY LETTER NO. 2010 DATED 8-1-2010
- 16) C.D.O. WILL NOT BE RESPONSIBLE FOR ANY FINANCIAL IMPLICATION OF THIS ON GOSHIKHURD PROJECT.
- 17) M.W.L HAS BEEN CHANGED FROM 217.50m TO 218.00m VIDE CHIEF ENGINEER, GOSIKHURD PROJECT, WATER RESOURCES DEPARTMENT, NAGPUR'S LETTER NO. 3764/TS 3(1) DATE 1/11/2010.

GOVERNMENT OF MAHARASHTRA
WATER RESOURCES DEPARTMENT
CENTRAL DESIGNS ORGANISATION,
NASHIK - 4

SCALE 1:400

GOSIKHURD PROJECT
ASOLAMENDHA TANK RENOVATION & HEIGHTRAISING
TAL : SAKRI DIST : CHANDRAPUR

TYPICAL CROSS SECTION OF EARTH DAM
AT R. D. 1830.0 M

DRAWN BY [M. G. KATKAR] A.E.II.	[R.B. PATIL] SUB DIVISIONAL ENGR	[M.S. BENDRE] SUPERINTENDING ENGR.
CHECKED BY [S. D. TULANGEKAR] SECT ENGR	[P.N. MARKHEDE] EXECUTIVE ENGINEER	CHIEF ENGINEER
DRG. NO. ED - II/163	DATE : 21-01-2010	CDO NO. 78

[R. N. KSHIRSAGAR] ASSTT ENGINEER GR I
[P. N. MARKHEDE] EXECUTIVE ENGINEER
[M. S. BENDRE] SUPTD ENGINEER

Approved
Chief Engineer
Gosikhurd Project (W.R.)
NAGPUR.



जाचक क्रमांक: ५५५ / मु.प्र.गोप्र/तां.३(१)/असोलामेंढा/मसंस/२०१०

मुख्य अभियंता, यांचे कार्यालय
गोसीखुर्द प्रकल्प, जलसंपदा विभाग,
नागपूर
दिनांक :- १५/२/२०१०
Email :- cegpid_ngp@sancharnet.in

प्रति,

अधीक्षक अभियंता
गोसीखुर्द प्रकल्प मंडळ
नागपूर.

विषय :- गोसीखुर्द प्रकल्प - असोलामेंढा नुतनीकरणाचे व धरणाची उंची वाढविण्याचे संकल्पन करणेबाबत.

संदर्भ :- १) अ.अ.(मा.ध.)म.सं.सं.नाशिक यांचे पत्र क्रं. म.सं.सं./माघ/माघ-२/३५/१३९/२०१०, दि.२८.१.२०१०.
२) अधीक्षक अभियंता, गो.प्र. मंडळ, नागपूर यांचे पत्र क्रं. ४२१/गोप्रमं/ तां.३(२)/ असोलामेंढा नुत.ध.उ.वा.प्र./१० दि.१.२.२०१०.

आसोलामेंढा नुतनीकरणाचे व धरणाची उंची वाढविण्याचे संकल्पन अहवाल व रेखाचित्र संदर्भिय पत्र क्रं.५ अन्वये प्राप्त झाले असून अधीक्षक अभियंता, गोसीखुर्द प्रकल्प मंडळ, नागपूर यांनी संदर्भिय पत्रान्वये संकल्पन तांत्रिकदृष्ट्या योग्य असल्याचे कळविले आहे. तरी विषयांकीत संकल्पन व रेखाचित्रास या कार्यालयाची मान्यता कळविण्यांत येत आहे.

मुळ प्रत मु.अ.यांना मान्य)

सहाय्यक मुख्य अभियंता
गोसीखुर्द प्रकल्प, जलसंपदा विभाग,
नागपूर.

प्रत : अधीक्षक अभियंता, (मा.ध.) मध्यवर्ती संकल्पचित्र संघटना, नाशिक यांना माहितीस्तव अग्रेषित.

सहपत्र- संकल्पन अहवाल.

प्रत : कार्यकारी अभियंता, गोसीखुर्द उजवा कालवा विभाग, ब्रम्हपूरी यांना माहिती व आवश्यक कार्यवाहीस्तव अग्रेषित.

Outward No. 485/CEGP/TS3(1)/Asolamendha/CDO/2010

Office of Chief Engineer,
Gosikhurd Project
Water Resource Department
Nagpur,
Date:- 12/09/2018
Email.cegpid_ngp@gmail.com

To,

Superintending Engineer,
Gosikhurd Project Circle
Nagpur.

Subject :- Gosikhurd Project- Regarding Design of Asolamendha renovation and raising the height of the dam.

Ref :- 1) SE CDO Nashik Letter No.CDO/MD-2/35/139/2010 Date.28.01.2010
2) SE GPC Nagpur Letter No. 421/GPC/TS 3(2)/Asolamendha Reno. Project/10 Dt. 01.02.2010

The Design and drawings of Asolamendha Renovation and Dam Height raising have been received under Reference Letter No. 1 and the Superintending Engineer, Gosikhurd Project Circle, Nagpur has informed that the Design is technically Feasible through Reference Letter No.2. However, Design and drawing in the subject matter is approved by this office.

Sd/-
Chief Engineer,
Gosikhurd Project,
Water Resource Department

Copy to:- Superintending Engineer, Central Design Organization, Nashik for your Information.

CERTIFICATE

This is to certify that, as required by EDS Dated 20-05-2024 issued by MOEF, New Delhi, the design of Earthen Dam of Asolamendha Project for increased Height and increased Volume is done by Central Design Organisation, Nashik (WRD, Government of Maharashtra). Considering Safety & Stability of existing Dam structure, the dam can hold increased volume of 120 Mm³ and is approved by Chief Engineer, Gosikhurd Project, Water Resources Department, Nagpur Vide Letter no. 485 dated 15-02-2010


Executive Engineer
Asolamendha Project Renovation
Division No. 1, Mul


Superintending Engineer
Gosikhurd Project Circle,
Nagpur


Chief Engineer
Gosikhurd Project, WRD
Nagpur



Image © 2024 Maxar Technologies
Image © 2024 Airbus

**CA land for Asolmanendha Forest Diversion at
Bembla Irrigation Project, Yavatmal**

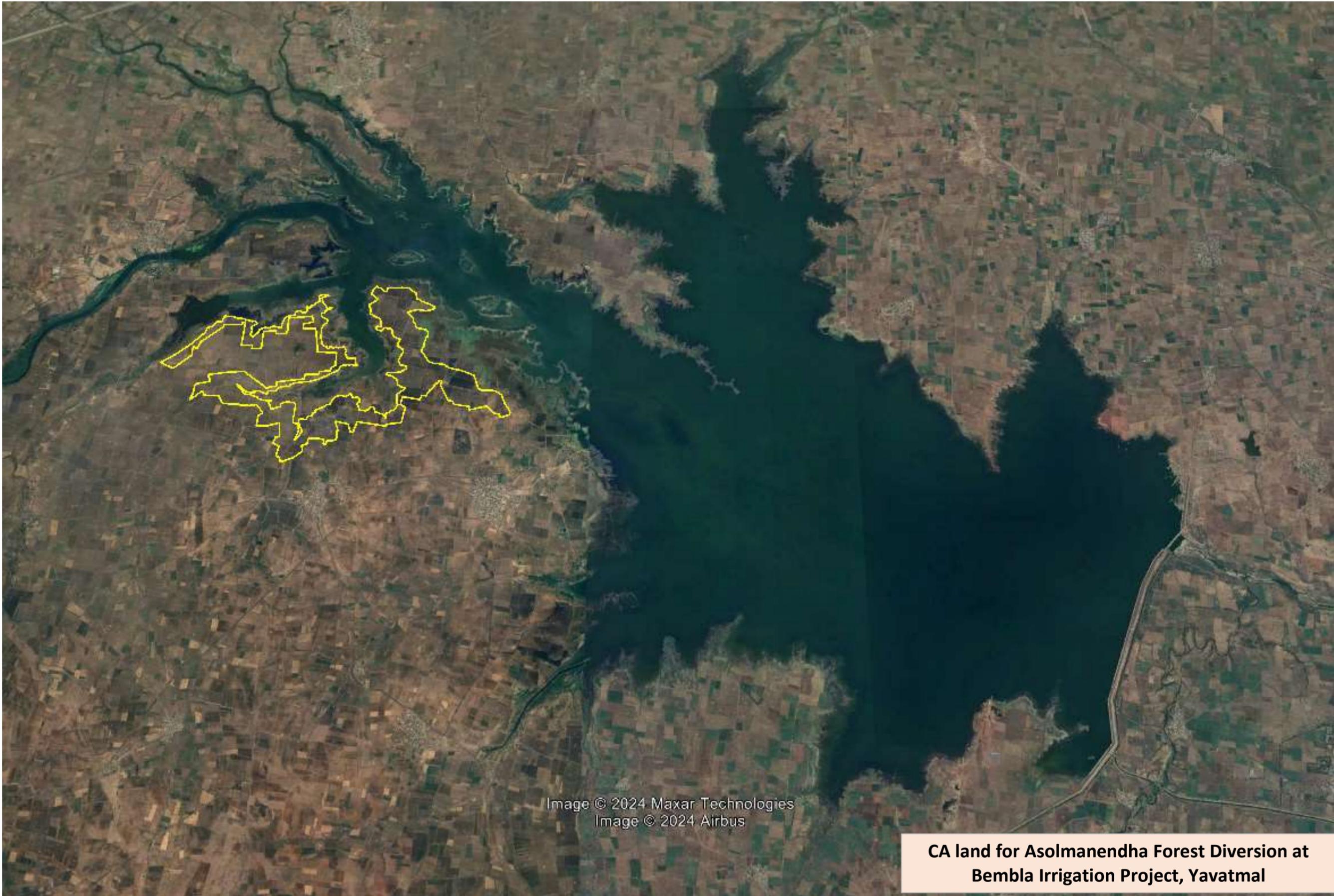


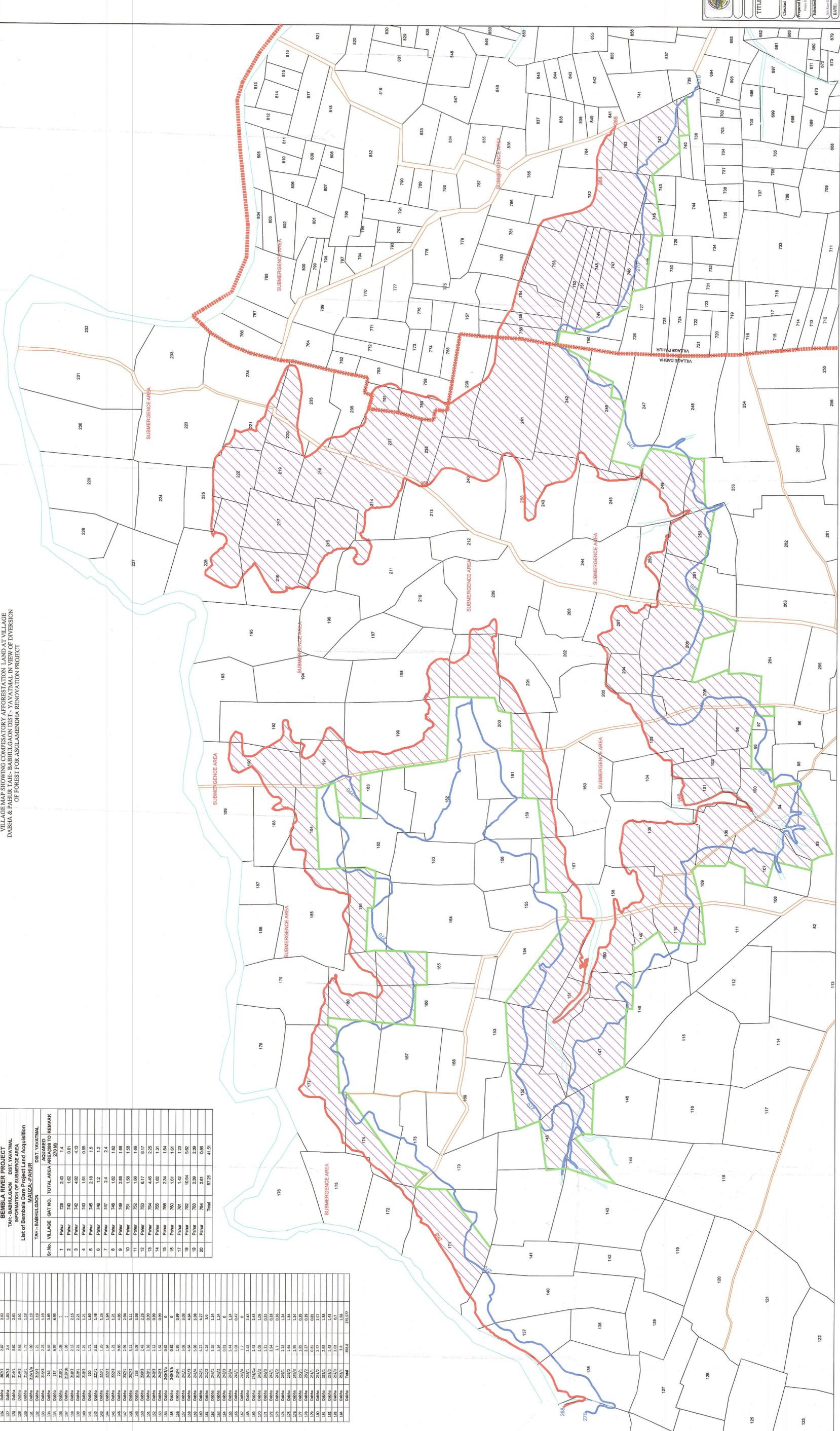
Image © 2024 Maxar Technologies
Image © 2024 Airbus

**CA land for Asolmanendha Forest Diversion at
Bembla Irrigation Project, Yavatmal**

VILLAGE MAP SHOWING COMPENSATORY AFFORESTATION LAND AT VILLAGE DABHA & PAHUR TAH:- BABHULGAON DIST:- YAVATMAL IN VIEW OF DIVERSION OF FOREST FOR ASOLAMENDHA RENOVATION PROJECT



SCALE 1:10000



BEMBLA RIVER PROJECT			
TAH:- BABHULGAON		DIST:- YAVATMAL	
List of Bembala Dam Project Land Acquisition			
Sl.No.	Village	GAT No.	Total Area (Acres)
1	Pahur	720	2.03
2	Pahur	742	4.92
3	Pahur	742	4.92
4	Pahur	742	4.92
5	Pahur	742	4.92
6	Pahur	742	4.92
7	Pahur	742	4.92
8	Pahur	742	4.92
9	Pahur	742	4.92
10	Pahur	742	4.92
11	Pahur	742	4.92
12	Pahur	742	4.92
13	Pahur	742	4.92
14	Pahur	742	4.92
15	Pahur	742	4.92
16	Pahur	742	4.92
17	Pahur	742	4.92
18	Pahur	742	4.92
19	Pahur	742	4.92
20	Pahur	742	4.92
Total			47.51

BEMBLA RIVER PROJECT			
TAH:- BABHULGAON		DIST:- YAVATMAL	
List of Bembala Dam Project Land Acquisition			
Sl.No.	Village	GAT No.	Total Area (Acres)
1	Pahur	720	2.03
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6	Pahur	742	4.92
7	Pahur	742	4.92
8	Pahur	742	4.92
9	Pahur	742	4.92
10	Pahur	742	4.92
11	Pahur	742	4.92
12	Pahur	742	4.92
13	Pahur	742	4.92
14	Pahur	742	4.92
15	Pahur	742	4.92
16	Pahur	742	4.92
17	Pahur	742	4.92
18	Pahur	742	4.92
19	Pahur	742	4.92
20	Pahur	742	4.92
Total			47.51

WATER RESOURCES DEPARTMENT
(Government of Maharashtra Undertaking)

COSINKHUND PROJECT CIRCLE, NAGPUR

ASOLAMENDHA PROJECT RENOVATION DIVISION NO-1 MUL

TITLE: BEMBLA RIVER PROJECT

VILLAGE MAP SHOWING COMPENSATORY AFFORESTATION LAND AT VILLAGE DABHA & PAHUR TAH:- BABHULGAON DIST:- YAVATMAL IN VIEW OF DIVERSION OF FOREST FOR ASOLAMENDHA RENOVATION PROJECT

Checked By: _____
Prepared By: _____
Submitted By: _____

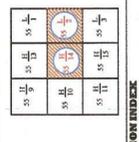
DATE: _____

SCALE: 1:10000

DRAWING NO: 1

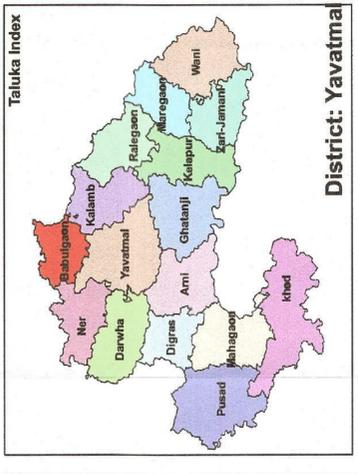
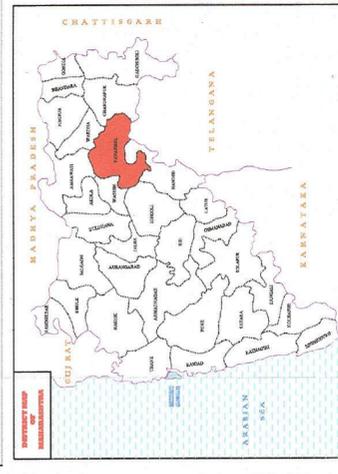
TOPOSHEET MAP SHOWING COMPENSATORY AFFORESTATION LAND AT VILLAGE DABHA & PAHUR TAH:- BABHULGAON DIST:- YAVATMAL IN VIEW OF DIVERSION OF FOREST FOR ASOLAMENDHA RENOVATION PROJECT

TOPOSHEET INDEX

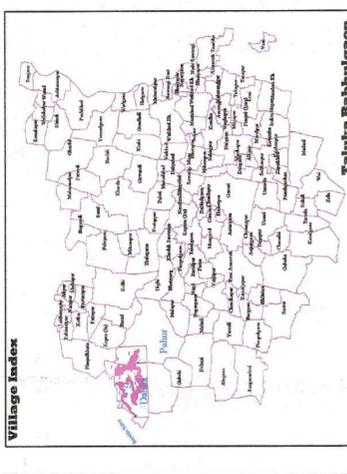


SCALE BAR 1:25,000

LOCATION INDEX



District: Yavatma



Taluka Babulgaon

INDEX

Nalla/ River	Contour
Tar Road	Tree forest
Line footpath	Temple
Railway	Village Site
CA Land	

WATER RESOURCES DEPARTMENT
(Government of Maharashtra Undertaking)

GOSIKHURD PROJECT CIRCLE, NAGPUR

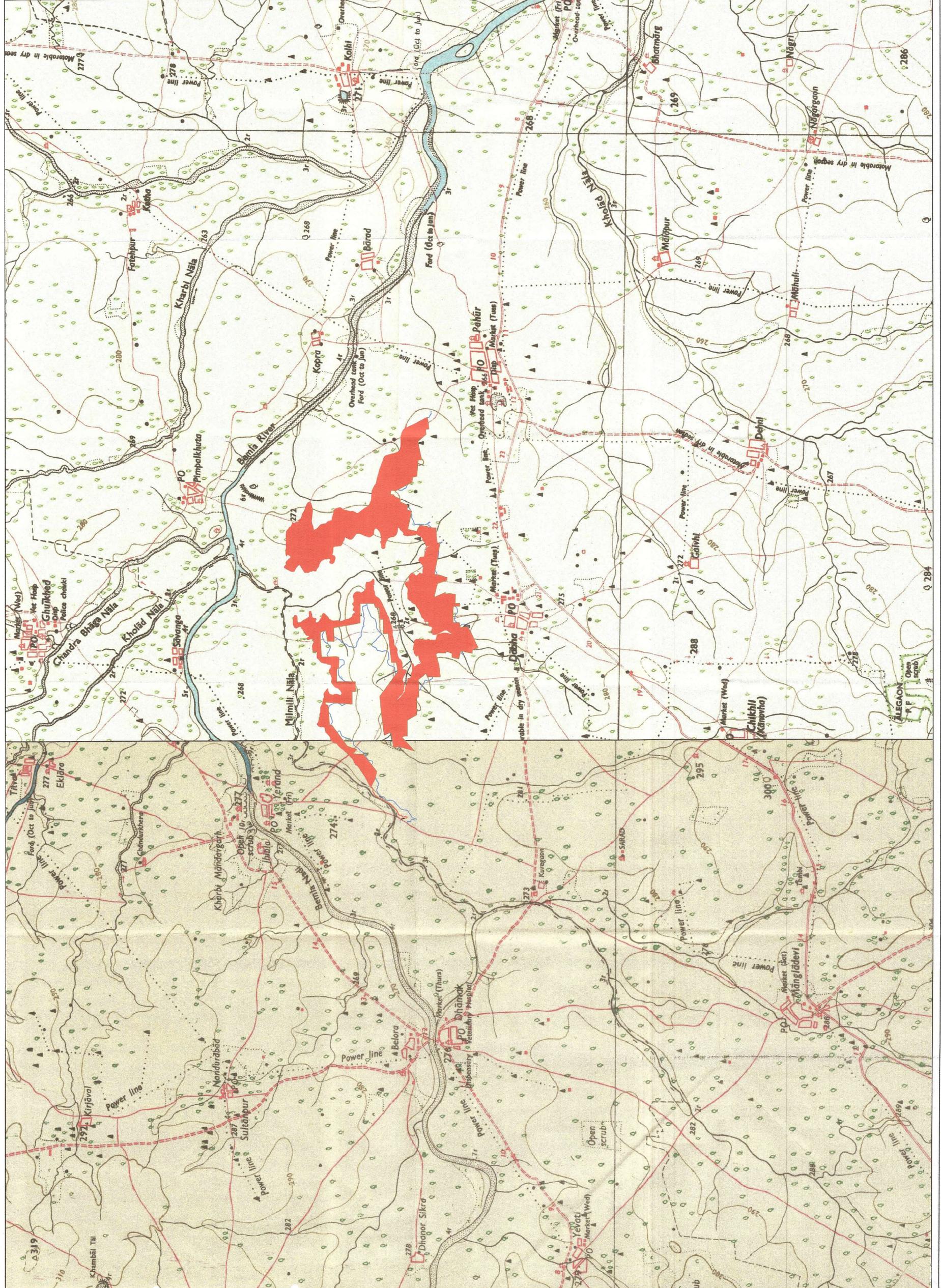
ASOLAMENDHA PROJECT RENOVATION DIVISION NO-1 MUIL

TITLE:
REMBLA RIVER PROJECT
TOPOSHEET MAP SHOWING COMPENSATORY AFFORESTATION LAND
AT VILLAGE DABHA & PAHUR TAH:- BABHULGAON DIST:- YAVATMAL IN
VIEW OF DIVERSION OF FOREST FOR ASOLAMENDHA RENOVATION PROJECT

Checked By: _____
Prepared By: _____
Submitted By: _____
DATE: _____

SCALE = 1:25,000

DRAWING NO-1





"वृक्षवल्ली जाम्बा लोचने वनचरते"



महाराष्ट्र शासन



उपवनसंरक्षक, यवतमाळ वनविभाग, यवतमाळ यांचे कार्यालय

"वनभवन" प्रशासकिय इमारत, पहिसा मजला, चर्च रोड, सिव्हील लाईन, यवतमाळ

दुरध्वनी क्रं.(०७२३२)२४२४५३

Email ID :: dycfyavatmai@mahaforest.gov.in ; dcfyml@gmail.com

ISO 9001:2015

क्रमांक/उवसं.(य)/कक्ष/सर्व्हे १२८६६ /२०२२-२३ यवतमाळ दिनांक:- २०.१०.२०२२

प्रति,

कार्यकारी अभियंता,

आसोलामेंढा प्रकल्प नुतनीकरण विभाग क्र. १,

मुल ता.मुल जि.चंद्रपुर ४४१ २२४

विषय:- वनसंवर्धन अधिनियम १९८० अंतर्गत आसोलामेंढा नुतनीकरण प्रकल्पाचे बुडीत क्षेत्र तथा कालव्याच्या कामाकरीता ३१५.७४ हे.आर. वनजमीन वळतीकरणाच्या प्रस्तावाकरीता पर्यायी वनीकरण क्षेत्र उपलब्ध करुन देणेबाबत.

संदर्भ :-१) आपले कार्यालयीन पत्र क्र./२२१२/आप्रनुवि-१/चिशा/वनप्रस्ताव/२०२१ दिनांक ३०/१२/२०२१.

२) या कार्यालयाचे पत्र क्र./उवसं(य)/सर्व्हे/१३७४ दिनांक १२/०३/२०२१.

३) या कार्यालयाचे पत्र क्र./उवसं(य)/सर्व्हे/ पत्र क्र. ५१ दिनांक ०६/०४/२०२२

४) सहाय्यक वनसंरक्षक (जंकास व कॅम्पा), यवतमाळ यांचेकडील पत्र क्र. १८७ दि.०४/०५/२०२२.

५) निम्न स्वाक्षरीकर्ते यांचा दिनांक १९/०५/२०२२ रोजीचा दौरा.

६) आपले कार्यालयीन पत्र क्र./८००/ता.शा./वनप्रस्ताव/ दिनांक १८/०५/२०२२.

७) मौजा दाभा व पहर शिवारा मधील शेतकरी व नागरिक वर्ग यांचा दिनांक २०/०५/२०२२ रोजीचा विनंती अर्ज.

८) आपले कार्यालयीन पत्र क्र./८६५/ता.शा./वनप्रस्ताव/२०२२ दिनांक ३०/०५/२०२२.

९)या कार्यालयाचे पत्र क्र./उवसं(य)/सर्व्हे/पत्र क्र.३१०/ दिनांक ०३/६/२०२२.

१०)आपले कार्यालयीन पत्र क्र./९४०/ता.शा./वनप्रस्ताव/२०२२ प्राप्त दि.२१/०६/२०२२.

११)या कार्यालयाचे पत्र क्र./उवसं(य)/कक्ष/सर्व्हे/४४८ दिनांक २९/०६/२०२२.

१२)सहाय्यक वनसंरक्षक (जंकास व कॅम्पा), यवतमाळ यांचे पत्र क्र./१२९९/२०२२ दि.१३/०९/२०२२.

१३)वनपरिक्षेत्र अधिकारी (प्रा.) यवतमाळ यांचे पत्र क्र./वनक्षेत्र/(य)/सर्व्हे/१३२७ दिनांक १२/०९/२०२२.

—०००—

उपरोक्त विषयाचे अनुषंगाने आसोलामेंढा नुतनीकरण प्रकल्पाचे बुडीत क्षेत्र तथा कालव्याच्या कामाकरीता वनजमीन वळतीकरणाच्या प्रस्तावात पर्यायी वनीकरण क्षेत्राबाबत बेंबळा प्रकल्पा अंतर्गत अतिरिक्त ठरलेल्या १९५४.४० हेक्टर आर पैकी ३१५.७४ हेक्टर जमीन वळतीकरणाच्या प्रस्तावात पर्यायी वनीकरण क्षेत्र उपलब्ध करुन देणेबाबत या कार्यालयास कळविण्यात आले होते.

त्याअनुषंगाने या कार्यालयाचे संदर्भीय पत्र क्र.१० अन्वये वनपरिक्षेत्र अधिकारी (प्रा.), यवतमाळ व सहाय्यक वनसंरक्षक (जंकास व कॅम्पा), यवतमाळ यांना नमुद मौजा दाभा व पहर गावांचे पर्यायी वनीकरण योग्य क्षेत्राचे प्रमाणपत्र (Suitability Certificate) यामधील गट नंबर नमुद करुन Model Rate Structure for Compensatory Afforestation नुसार १० वर्षांची वनीकरणाची योजना तयार करुन या कार्यालयास सादर करण्याबाबत कळविण्यात आले होते.

त्यानुसार वनपरिक्षेत्र अधिकारी (प्रा.), यवतमाळ व सहाय्यक वनसंरक्षक (जंकास व कॅम्पा), यवतमाळ यांनी त्यांचे संदर्भीय पत्र क्र. १२ व १३ नुसार खालील प्रमाणे अहवाल सादर केलेला आहे.

आसोलामेंढा नुतनीकरण प्रकल्पाचे बुडीत क्षेत्र तथा कालव्याच्या कामाकरीता ३१५.७४ हे. आर वनजमिन वळतीकरणाच्या प्रस्तावाकरीता नमुद मौजा दाभा व पहर गावांचे पर्यायी वनीकरण अंतर्गत १० वर्षांची वनीकरणाची योजना तयार करुन त्यामध्ये रोपवन अंतर्गत ३ कि.मी. चा रस्ता तयार करणे व ४ निरिक्षण मनोरे तयार करणे. सदर क्षेत्राला टी.सी.एम. करणे व सदर क्षेत्राचे हद्द कायम करणेकरीता लहान व मोठे पिलसंचा अंतर्भाव करण्यात येत आहे.

अ.क्र.	कामाचे नांव	कामाची संख्या	लागणारी रक्कम	शेरा
१	३ कि.मी. चा रस्ता तयार करणे.	३ किमी.	१२०००००.००	
२	४ निरीक्षण मनोरे तयार करणे.	४	३२०००००.००	
३	टी.सी.एम.करणे	३०००० र.मी.	१०८१३९००.००	
४	लहान पिलर्स	६००	१०८०००.००	
५	मोठे पिलर्स	३००	९७५००.००	
		एकुण	१५४१९४००.००	
१	पुर्व पावसाळी कामे (PPO/PYO)	--	१११५६०७५७.२२	
२	प्रथम वर्षीय कामे	--	५०६४८६८६.९४	
३	द्वितीय वर्षीय कामे	--	३५९२७५४७.९३	
४	तृतीय वर्षीय कामे	--	२०१३३१२८.००	
५	चतुर्थ वर्षीय कामे	--	५२९९७७८.३१	
६	पाचवे वर्षीय कामे	--	५६७००८१.७०	
७	सहावे वर्षीय कामे	--	५६७००८१.७०	
८	सातवे वर्षीय कामे	--	५६७००८१.७०	
९	आठवे वर्षीय कामे	--	५६७००८१.७०	
१०	नववे वर्षीय कामे	--	५६७००८१.७०	
११	दहावे वर्षीय कामे	--	५६७००८१.७०	
		एकुण	२५७५९०३८८.६०	
		एकंदर	२७३००९७८८.६०	

करीता याबाबत आपले स्तरावरून योग्य ती कार्यवाही करावी.

सहपत्र :- १० वर्षाची वनीकरणाची योजना

(आसंद रेड्डी वेल्लु, भा.व.से.)
उपवनसंरक्षक

यवतमाळ वनविभाग, यवतमाळ

प्रतिलिपी :- मा.वनसंरक्षक (प्रादे.), यवतमाळ यांना माहितीकरीता सविनय सादर.

प्रतिलिपी :- कार्यकारी अभियंता, बेंबळा प्रकल्प विभाग, यवतमाळ यांना अग्रेषित.

प्रतिलिपी :- सहाय्यक वनसंरक्षक (जंकास व कॅम्पा), यवतमाळ यांना माहितीस रवाना.

प्रतिलिपी:- वनपरिक्षेत्र अधिकारी (प्रा.) यवतमाळ यांना माहिती व योग्य कार्यवाहीस रवाना.

**COMPENSATORY AFFORESTATION SCHEME
FOR ASOLAMENDHA RENOVATION PROJECT**

Model No.5
BEMBLA PROJECT

Division: Yavatmal
Range: Yavatmal
Village: Dabha & Pahur

Total Area (Ha): 315.74
Spacement - 3.00m x 3.00m
Size of pits - 0.45 x 0.45 x 0.45m
No. of seeding - 1111 per ha.
Wages (Rs.): 413.69

Sr No	Particulars of works	Expenditure per ha.				Expenditure for 315.74 ha.			
		Man days	wages	Material Supply	Total (Rs.per Ha.)	Man days	Wages	Material Supply	Total (Rs. Per Ha.)
A. Pre Monsoon Works (PPO/PYO)									
1	a. Survey and demarcation	1.00	413.69	105.34	519.03	315.74	130618.48	33260.05	163878.53
	b. Preparation of treatment map (100m 50m grid)	1.00	413.69	105.34	519.03	315.74	130618.48	33260.05	163878.53
	c. Corner of Grid digging of trial pits size 0.30x0.30x0.60m	0.40	165.48	0.00	165.48	126.30	52249.05	0.00	52249.05
	d. 60cm x 5cm x12cm Cement pillar 30cm deep erecting and colour the pillar and write the grid no. on pillar (3pillars Rs.75/-per pillars)	0.00	0.00	260.46	260.46	0.00	0.00	82237.64	82237.64
	e. Clearing of bushes and preparation of site (As per requirement)	10.00	4136.90	105.34	4242.25	3157.40	1306184.80	33260.05	1339444.85
2	Soil and moisture conservation works including collection of rubbles from area upto 30m etc.	31.00	12824.39	0.00	12824.39	9787.94	4049172.89	0.00	4049172.89
3	Chainlink and Fencing 102 rmt per ha. (Including 1 gate for 1plantation) (Rs.1800/- per rmt as per tender) (Height 2.35m.,10 gauge wire, Net size 100 cm x 100cm distance 2 pole 2.5 m (102 x1800=183000))	0.00	0.00	253198.80	253198.80	0.00	0.00	79944989.11	79944989.11
4	Alignment of pits at 3.0 x3.0 m spacement 1111 pits per ha. And alignment of pits 0.45x0.45 x 0.45 total pits 1111 per 100 pits 0.26 M.D. and M.S.Rs.9.81 per 100 pits.	2.89	1195.56	57.61	1253.17	912.49	377487.99	18189.78	395677.77
5	Digging of pits of 0.45x0.45 x 0.45 m size 1111 pits per ha (6.60 M.D. per 100pits)	73.33	30335.89	0.00	30335.89	23153.21	9578251.44	0.00	9578251.44
6	Inspection path 5m width 1 M.D. per 100m per ha.	1.00	413.69	0.00	413.69	315.74	130618.48	0.00	130618.48
7	Counting of valuable natural plant species and colour tape and take entry in register (0.75 M.D. per 100 plantation.)	0.75	310.27	28.94	339.21	236.81	97965.93	9137.52	107103.45
8	Raise a plantation information board (4x3 ft)1No.	0.00	0.00	5787.96	5787.96	0.00	0.00	1827490.49	1827490.49
9	Part nursery cost 1111 plant for planting +10% casualty total raising 1222 plants (12.50x25cm bag size) Octomber to March per plnat 12.55(per plant wages Rs.8.93 and M.S. 3.62 per plant)	46.70	19319.32	5585.91	24905.23	14745.06	6099883.87	1763695.22	7863579.09
	Total	168.07	69528.88	265235.70	334764.59	53066.43	21953051.41	83745519.91	105698571.32
	Contingency 3%			7957.07	7957.07			2512365.60	2512365.6
	Labour Welfare 4%			10609.43	10609.42			3349820.80	3349820.3
	Grand Total	168.07	69528.88	283802.20	353331.08	53066.43	21953051.41	89607706.30	111560757.22

Sr No	Particulars of works	Expenditure per ha.				Expenditure for 315.74 ha.			
		Man days	wages	Material Supplu	Total (Rs.per Ha.)	Man days	Wages	Material Supply	Total (Rs. Per Ha.)
B. First Year Operation									
1	Part nursery cost for maintenance of 1333 seedling per ha. Rs. 2.64 per seedling (Wages Rs.2.69 & M.S.Rs0.81)	14.80	6122.61	1193.75	7316.36	4672.95	1933152.69	376914.63	2310067.32
2	Refiling of pits with good quality soil including application of single super phosphate.(1.66 MD per 100 pits)	18.44	7628.44	2176.84	9805.28	5822.25	2408606.60	687315.46	3095922.06
3	Transporting of 1333 seedlings from nursery to plantation site including loading & unloading (0.14 MD per 100 plants and M.S. Rs. 1.82 per seedling.)	1.87	773.6	2738.60	3512.2	590.43	244254.99	864685.56	1108940.55
4	Planting of 1111 seedlings (1 MD per 100 seedling)	11.11	4596.10	0.00	4596.10	3507.87	1451170.74	0.00	1451170.74
5	3 seedling (1 Rmt circular) and 2 soil working (4.0 MD per 100 seedling) fertilizer application Rs. 0.82 per seedling.	44.44	18384.38	983.09	19367.47	14031.49	5804687.10	310400.84	6115087.94
6	Watering 1111 seedling November and December 1 time each, January to March 2 time each per seedling 5 litre water , purchase of 1111 plastic can of 5 liters/matka @ 25/- each and 100 litre capacity 11 drums @400/- each for supplying .	59.25	24511.13	62004.71	644515.84	18707.59	7739142.91	19577367.14	27316510.05
7	Casualty replacement (20% 222 seedling per ha) (2 M.D. per 100 seedlings)	4.44	1836.78	0.00	1836.78	1401.98	579985.11	0.00	579985.11
8	Part nursery Cost forcasulty replacement in SYO (222 seedling per ha) (wages Rs. 1190 and M.S. 3.62 total Rs. 12.55 perseedling)	7.77	3214.37	912.87	4127.24	2453.30	1014905.68	288229.57	1303135.25
9	Watch and ward (9 months) (watcher per 10 ha)	27.38	11326.83	0.00	11326.83	8644.96	3576333.50	0.00	3576333.50
10	Soil working for natural grower plants and singling.(1.15 MD per 100 plants)	1.15	475.74	211.00	686.74	363.10	150210.84	66621.14	216831.98
11	Fire tracing.	2.00	827.38	0.00	827.38	631.48	261236.96	0.00	261236.96
	Total	192.65	79697.36	70220.86	707918.22	60827.40	25163687.10	22171534.34	47335221.44
	Contingency 3%								1420056.64
	Labour Welfare 4%								1893408.86
	Grand Total								50648686.94

Sr No	Particulars of works	Wages Rs. 413.69							
		Expenditure per ha.				Expenditure for 315.74 ha.			
		Man days	wages	Material Supplu	Total (Rs.per Ha.)	Man days	Wages	Material Supply	Total (Rs. Per Ha.)
C. Second Year Operation									
1	Part nursery cost for seedling for casualty replacement (222 seedlings per ha) Labour rate @ Rs.3.77 and MS Rs.1.82 per seedling.	2.46	1017.68	435.72	1453.40	776.72	321321.46	137574.23	458895.70
2	Transporting of 222 seedling for casualty replacement from nursery to plantation site including loading & unloading (0.14 MD per 100 plants and M.S.Rs. 1.82 per seedling.	0.31	128.24	479.29	607.53	97.88	40491.73	151331.02	191822.75
3	Planting for casualty replacement 222 seedlings (2.00MD per 100 seedlings.)	4.41	1824.37	0.00	1824.37	1392.41	576027.50	0.00	576027.50
4	2 weedings and 1 soil working with fertilizers application 2.5 MD per 100 seedlings and MS Rs.0.82 per seedling.	27.77	11488.17	1045.72	12533.89	8768.10	3627275.21	330175.63	3957450.84
5	Watering 1111 seedling November and December 1 time each, January to March 2 time each per seedling 5 litre water purchase of 1111 plastic can of 5 litre/matka @ 25/- each and 100 litre capacity 11 drums @400/- each for supplying water and water supply @0.05/- per litre and wages for watering 1 MD for 150 seedlings.	88.88	36768.77	41610.94	78379.71	28062.97	11609370.56	13138238.20	24747608.75
6	Watch and ward 12 months-1 watcher per 10 ha.	36.50	15099.69	0.00	15099.69	11524.51	4767574.54	0.00	4767574.54
7	Fire tracing	2.00	827.38	0.00	827.38	631.48	261236.96	0.00	261236.96
	Total	162.36	67154.30	43571.67	110725.97	51263.55	21207216.51	13757319.09	34964535.60
	Contingency 3%			1307.15	1307.15			412719.57	412719.57
	Labour Welfare 4%			1742.87	1742.87			550292.76	550292.76
	Grand Total	162.36	67154.30	46621.687	113775.99	51263.55	21207216.51	14720331.42	35927547.93

Sr No	Particulars of works	Expenditure per ha.				Expenditure for 315.74 ha.			
		Man days	wages	Material Supplu	Total (Rs.per Ha.)	Man days	Wages	Material Supply	Total (Rs. Per Ha.)
D. Third Year Operations									
1	1 weeding and 1 soil working (1.5 MD per 100 seedings) applying fertilizers @ Rs 0.82 per plant	16.67	6896.21	1049.45	7945.66	5263.39	2177410.07	331353.34	2508763.41
2	Watering 556 seedling November and December January and June 1 time each per and February to May 2 time each total 12 times per seedling 5 litre water supply @ 0.50/- per litre and watering 150 seedling per M.D.	44.48	18400.93	19214.55	37615.48	14044.12	5809910.02	6066802.02	11876712.03
3	Watch and ward 12 months 1 watcher per 10 ha.	36.50	15099.69	0.00	15099.69	11524.51	4767574.54	0.00	4767574.54
4	Counting of survival percentage grid wise and Specieswise and to Note the same on Register in May and Octomber.	2.00	827.38	28.81	856.19	631.48	261236.96	9096.47	270333.43
5	Fire tracing	2.00	827.38	0.00	827.38	631.48	261236.96	0.00	261236.96
	Total	101.65	42051.59	20292.81	62344.40	32094.97	13277368.55	6407251.83	19684620.38
	Contingency 3%			608.78	608.78			192217.55	192217.55
	Labour Welfare 4%			811.71	811.71			256290.07	256290.07
	Grand Total	101.65	42051.59	21713.31	63764.89	32094.97	13277368.55	6855759.46	20133128.00

Sr No	Particulars of works	Expenditure per ha.				Expenditure for 315.74 ha.			
		Man days	wages	Material Supplu	Total (Rs.per Ha.)	Man days	Wages	Material Supply	Total (Rs. Per Ha.)
E. Fourth Year Operations									
1	Watch and ward 12 months 1 watcher per 10 ha.	36.50	15099.69	0.00	15099.69	11524.51	4767574.54	0.00	4767574.54
2	Counting of survival percentage grid wise and Specieswise and to Note the same on Register in May and Octomber.	2.00	827.38	0.00	827.38	631.48	261236.96	0.00	261236.96
3	Fire tracing	2.00	827.38	28.8	856.18	631.48	261236.96	9093.31	270330.27
	Total	40.50	16754.45	28.80	16783.25	12787.47	5290048.46	9093.31	5299141.78
	Contingency 3%			0.86	0.86			272.80	272.80
	Labour Welfare 4%			1.15	1.15			363.73	363.73
	Grand Total	40.50	16754.45	30.82	16785.26	12787.47	5290048.46	9729.84	5299778.31

Wages Rs. 413.69

Sr No	Particulars of works	Expenditure per ha.				Expenditure for 315.74 ha.			
		Man days	wages	Material Supplu	Total (Rs.per Ha.)	Man days	Wages	Material Supply	Total (Rs. Per Ha.)
F. Fifth Year Operations									
1	Watch and ward 12 months 1 watcher per 10 ha.	36.50	15099.69	0.00	15099.69	11524.51	4767574.54	0.00	4767574.54
2	Counting of survival percentage grid wise and Specieswise and to Note the same on Register in May and October.	2.00	827.38	0.00	827.38	631.48	261236.96	0.00	261236.96
3	Fire tracing	2.00	827.38	28.8	856.18	631.48	261236.96	9093.31	270330.27
	Total	40.50	16754.45	28.80	16783.25	12787.47	5290048.46	9093.31	5299141.78
	Contingency 3%		0.00						158974.25
	Labour Welfare 4%		0.00						211965.67
	Grand Total	40.50							5670081.70

Sr No	Particulars of works	Expenditure per ha.				Expenditure for 315.74 ha.			
		Man days	wages	Material Supplu	Total (Rs.per Ha.)	Man days	Wages	Material Supply	Total (Rs. Per Ha.)
G. Sixth Year Operations									
1	Watch and ward 12 months 1 watcher per 10 ha.	36.50	15099.69	0.00	15099.69	11524.51	4767574.54	0.00	4767574.54
2	Counting of survival percentage grid wise and Specieswise and to Note the same on Register in May and October.	2.00	827.38	0.00	827.38	631.48	261236.96	0.00	261236.96
3	Fire tracing	2.00	827.38	28.8	856.18	631.48	261236.96	9093.31	270330.27
	Total	40.50	16754.45	28.80	16783.25	12787.47	5290048.46	9093.31	5299141.78
	Contingency 3%		0.00						158974.25
	Labour Welfare 4%		0.00						211965.67
	Grand Total	40.50							5670081.70

Sr No	Particulars of works	Expenditure per ha.				Expenditure for 315.74 ha.			
		Man days	wages	Material Supplu	Total (Rs.per Ha.)	Man days	Wages	Material Supply	Total (Rs. Per Ha.)
H. Seventh Year Operations									
1	Watch and ward 12 months 1 watcher per 10 ha.	36.50	15099.69	0.00	15099.69	11524.51	4767574.54	0.00	4767574.54
2	Counting of survival percentage grid wise and Specieswise and to Note the same on Register in May and October.	2.00	827.38	0.00	827.38	631.48	261236.96	0.00	261236.96
3	Fire tracing	2.00	827.38	28.8	856.18	631.48	261236.96	9093.31	270330.27
	Total	40.50	16754.45	28.80	16783.25	12787.47	5290048.46	9093.31	5299141.78
	Contingency 3%		0.00						158974.25
	Labour Welfare 4%		0.00						211965.67
	Grand Total	40.50							5670081.70

Sr No	Particulars of works	Expenditure per ha.				Expenditure for 315.74 ha.			
		Man days	wages	Material Supplu	Total (Rs.per Ha.)	Man days	Wages	Material Supply	Total (Rs. Per Ha.)
I. Eighth Year Operations									
1	Watch and ward 12 months 1 watcher per 10 ha.	36.50	15099.69	0.00	15099.69	11524.51	4767574.54	0.00	4767574.54
2	Counting of survival percentage grid wise and Specieswise and to Note the same on Register in May and October.	2.00	827.38	0.00	827.38	631.48	261236.96	0.00	261236.96
3	Fire tracing	2.00	827.38	28.8	856.18	631.48	261236.96	9093.31	270330.27
	Total	40.50	16754.45	28.80	16783.25	12787.47	5290048.46	9093.31	5299141.78
	Contingency 3%		0.00						158974.25
	Labour Welfare 4%		0.00						211965.67
	Grand Total	40.50							5670081.70

Sr No	Particulars of works	Expenditure per ha.				Expenditure for 315.74 ha.			
		Man days	wages	Material Supplu	Total (Rs.per Ha.)	Man days	Wages	Material Supply	Total (Rs. Per Ha.)
J. Nineth Year Operations									
1	Watch and ward 12 months 1 watcher per 10 ha.	36.50	15099.69	0.00	15099.69	11524.51	4767574.54	0.00	4767574.54
2	Counting of survival percentage grid wise and Specieswise and to Note the same on Register in May and October.	2.00	827.38	0.00	827.38	631.48	261236.96	0.00	261236.96
3	Fire tracing	2.00	827.38	28.8	856.18	631.48	261236.96	9093.31	270330.27
	Total	40.50	16754.45	28.80	16783.25	12787.47	5290048.46	9093.31	5299141.78
	Contingency 3%		0.00						158974.25
	Labour Welfare 4%		0.00						211965.67
	Grand Total	40.50							5670081.70

Sr No	Particulars of works	Expenditure per ha.				Expenditure for 315.74 ha.			
		Man days	wages	Material Supplu	Total (Rs.per Ha.)	Man days	Wages	Material Supply	Total (Rs. Per Ha.)
K. Tenth Year Operations									
1	Watch and ward 12 months 1 watcher per 10 ha.	36.50	15099.69	0.00	15099.69	11524.51	4767574.54	0.00	4767574.54
2	Counting of survival percentage grid wise and Specieswise and to Note the same on Register in May and October.	2.00	827.38	0.00	827.38	631.48	261236.96	0.00	261236.96
3	Fire tracing	2.00	827.38	28.8	856.18	631.48	261236.96	9093.31	270330.27
	Total	40.50	16754.45	28.80	16783.25	12787.47	5290048.46	9093.31	5299141.78
	Contingency 3%		0.00						158974.25
	Labour Welfare 4%		0.00						211965.67
	Grand Total	40.50							5670081.70

Dy. Conservator of Forest
Yavatmal Division, Yavatmal

सहाय्यक वनसंरक्षक (ज.का.स.कॅम्पा)
यवतमाळ वनविभाग यवतमाळ

वनपरिक्षेत्र अधिकारी(प्राद.)
यवतमाळ

Government of Maharashtra

Email address: irrigation_mp2@maharashtra.gov.in

No. Sankirna-0718/1089/case No.338/Large.Project-2

**Water Resource Department
Madam Kama Road,
Hutatma Rajguru Chowk
Mantralay Mumbai 32
Date:- 12/09/2018**

To,

Executive Director,
Vidarbha Irrigation Development, Corporation
Nagpur

Subject:- Regarding getting approval of the government for restructuring and equivalence study of Bembla project.

Ref.:- Your office Letter No.6393/VIDC/kanta 3(1)/(File 5/16)/2018 Date: 27/06/2018

Government has received the subject proposal vide above reference letter. Pursuant to the said proposal subject to fulfillment of the following conditions the Sanction is given for restructuring and equivalence study of Bembla project.

1. Government's letter dated 31/03/2009 states that dependability of Bembla project is reduced to 45.81%. Accordingly, instructions were given to submit the equivalence study report, However, it is observed that the project works were carried out without the approval of the government for the equivalence study report. Responsibility should be fixed in this regard.
2. Since the objections of the Special Inquiry Committee were received on 26.06.2014, the canal works are still in progress. It appears that there is a lack of planning in this regard. Due to lack of proper planning, works are required to be done up to Km.113. Responsibility should be determined in this regard
3. As per the comments of (SLTAC) State level Technical Advisory Committee, Revised Administrative Approval Cost & BC Ratio as per equivalence Study should be work out.
4. Regarding ground water use - Water availability should be verified by Ground water and survey Department.
5. 2635 ha. Land being additional, should be properly utilized for Compensatory Afforestation, Social forestry, Solar power projects etc.

Revised Restructuring

Sr. No	Specifications	Original Planning	Revised Planning
1	Full Reservoir level (FRL)	269.5 m	268 m
2	Submergence area	10778 ha.	7578 ha.
3	Water storage	322 Mm ³	204 Mm ³
4	Live Water Storage	302 Mm ³	183.94 Mm ³
5	Total Water Utilisation (from Dam water storage)	312.53Mm ³ a) By Gravity - 161.10 b) Dehani LIS- 21.07 c) Evapotranspiration - 88 d) Drinking Water -32.36 e)Environmental flow - 10.0	212.548Mm ³ a) By Gravity - 105.97 b) Dehani LIS- 21.07 c) Evapotranspiration - 69.508 d) Drinking Water -15 e)Environmental flow - 1.0
6	Proposed Ground water use	40.27 Mm ³	44.22Mm ³
7	Total Utilisation of Dam Storage and Ground water storage	352.80 Mm ³	256.76 Mm ³
8	Cropping pattern	142%	135%
9	Yield Dependability	75%	modified revised planning 61.63%
10	Yield Reliability	75%	75.67%
11	Irrigable Area	40170 ha.	38850ha.
12	Proposed fourth revised project cost	3709 Cr. (As per original planning)	3517.83 Cr restricted irrigable area for restructuring and equivalence

If necessary, after taking into account the revised approval, the proposal for administrative approval of the Bembla project along with all the necessary documents (e.g. Cabinet note, approved minutes of the Executive body, minutes of the three-member committee, Salient features. Action should be taken to clear Bembla Project. For this, a proposal with detailed reasoning should be submitted to the Government from the corporation.

Sd/-
P. T. Kedare
Secretary

महाराष्ट्र शासन

ईमेल पत्ता :- irrigation_do_mp2@maharashtra.gov.in

क्रमांक: सकिर्ष-०७९८/१०८९/प्र.क्र.३३८/सोप्र-२

जलसंपदा विभाग,
मादाम कामा मार्ग,
हुतात्मा राजगुरु चौक,
मंत्रालय, मुंबई ३२.
दिनांक:- १२/०९/२०१८

प्रति,

कार्यकारी संचालक,
विदर्भ पाटबंधारे विकास, महामंडळ,
नामपूर.

विषय :- बेंबळा प्रकल्पाचे फेररचना व समरूपता अभ्यासाला शासनाची मान्यता मिळणेबाबत.

संदर्भ:- आपले पत्र क्र.६३९३/विपाविम/कातां ३(१)/(घा.क्र.५/१६)/२०१८, दिनांक २७/०६/२०१८

उपरोक्त संदर्भीय पत्रान्वये विषयांकित प्रस्ताव शासनारा प्राप्त आहे.

सादर प्रस्तावाच्या अनुषंगाने खालील अटीची पूर्तता करण्याच्या अधीन राहून बेंबळा प्रकल्पाची फेररचना व समरूपता अभ्यासाला मान्यता देण्यात येत आहे.

१) शासनाच्या दि.३१/०३/२००९ च्या पत्रान्वये बेंबळा प्रकल्पाची विश्वसार्हता ४५.८१ % पर्यंत कमी होत असल्याचे नमूद आहे. त्यानुसार समरूपता अभ्यास करून अहवाल सादर करण्याच्या सूचना दिल्या होत्या. तथापि समरूपता अभ्यास अहवालास शासनाची मान्यता न घेता प्रकल्पाची कामे केल्याचे दिसून येते. याबाबत जबाबदारी निश्चित करण्यात यावी.

२) विशेष चौकशी समितीचे आक्षेप दि.२६.०६.२०१४ रोजी प्राप्त झाल्यापासून अद्याप पर्यंत कालव्याधी कामे प्रगतीपथावर ठेवली आहेत. याबाबत नियोजनाचा अभाव असल्याचे दिसून येत आहे. व्यवस्थित नियोजन न केल्यामुळे आता कि.मी.११३ पर्यंत कामे करावी लागणार आहेत. याबाबत जबाबदारी निश्चित करण्यात यावी.

३) राज्य तांत्रिक सल्लागार समिती, नाशिक, यांचे अगिप्रायांनुसार सुधारित फेररचने प्रमाणे प्रकल्पाची येणारी सु.प्र.मा. किंमत, लागव्यय गुणोत्तर इत्यादी बाबतही फेर परिगणना करणेत यावी.

४) भूजल वापराबाबत - भूजल व सर्वेक्षण यंत्रणा यांचेकडून पाणी उपलब्धता प्रमाणित करून घेण्यात यावे.

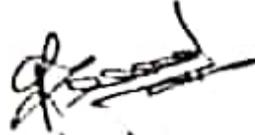
५) अतिरिक्त ठरत असलेल्या २६३५ हे. जमिनीचा वापर पर्यायी वनीकरण, सामाजिक वनीकरण, सौर ऊर्जा प्रकल्प इत्यादी कामांसाठी सुयोग्य वापर करण्यात यावा.

सुधारित फेररचना:-

अ.क्र.	मानके	मूळ नियोजन	सुधारीत फेररचना
1	पुर्ण सभ्य पातळी (FRL)	२६९.५०	२६.८ मी
2	दुडित क्षेत्र	१०७७८ हे.	७५७८ हे.
3	पाणी साठा	३२२ दलघमी	२०४ दलघमी
4	उपयुक्त पाणी साठा	३०२ दलघमी	१८३.९४ दलघमी
5	एकूण पाणी वापर (धरण पाणीसाठ्यातुन)	३१२.५३ दलघमी	२१२.५४८ दलघमी
		अ) प्रवाही - १६१.१०	अ) प्रवाही १०५.९७
		ग) डेहणी - २१.०७	ग) डेहणी - २१.०७
		क) वाणीमवन - ८८	क) वाणीमवन - ६९.५०८
		झ) पिण्याचे पाणी - ३२.३६	झ) पिण्याचे पाणी १५
		इ) पर्यावरणीय प्रवाहसाठी - १०.०	इ) पर्यावरण १.०
6	मूजलातील प्रस्तावित वापर	४०.२७ दलघमी	४४.२२ दलघमी
7	धरणसाठा व मूजल साठ्यासह एकूण वापर	३५२.८० दलघमी	२५६.७६ दलघमी
8	धिक पध्दती	१४२ टक्के	१३५ टक्के
9	धरणातील पाणी येव्याची विश्वासाहता (Field Dependability)	७५ टक्के	सुधारीत फेरनियोजन ६१.६३ टक्के
10	यशस्विता (Irrigation Success)	७५ टक्के	७५.६७ टक्के
11	सिंचन क्षेत्र	४०१७० हे	३८८५० हे
12	प्रकल्पाची प्रस्तावित चतुर्थ सुधारीत किंमत	३७०९ कोटी (मूळ नियोजनानुसार)	३५१७.८३ कोटी (साठा फेरनियोजन व धिरलीकरणसह व सिंचन क्षेत्र कपात)

सुधारीत मान्य फेररचना विचारात घेऊन आवश्यक असल्यास वेवळा प्रकल्पाचा चतुर्थ

सुधारीत प्रशासकीय मान्यतेचा प्रस्ताव संपूर्ण आवश्यक कामदपत्रासह (उदा. मंत्रीमंडळ टिपणीचे
प्रारूप, नियामक मंडळाचे मंजूर कार्यवृत्त, त्रिसदस्यीय समितीचे कार्यवृत्त, प्रकल्पाची टक्के वैशिष्टे
इत्यादी.) मा. मंत्रीमंडळ मान्यतेसाठी सादर करावा. तत्पूर्वी वेवळा प्रकल्प दोषमुक्त करून घेण्याची
कायदाही करावी. यासाठी सविस्तर कारणमीमांसेसह प्रस्ताव महामंडळ स्तरावरून शासनास सादर
करावा.


(पां. तु. केदारे)

INFORMATION SHEET A

1	Name of the Project	Asolamendha Renovation Irrigation project.				
2	Location	Project area of Asolamendha Renovation is located at village Asolamendha Tahsil Sawali, District Chandrapur, Maharashtra.State				
	District	Chandrapur				
3	Project Proponent Agency	Department	Vidarbha Irrigation Develop Corp.			
		Regional Office	Nagpur			
		Office	Executive Engineer, Asolamendha Project Renovation Division No.1 Mul			
		Phone No.				
		Email	eeprdnl@gmail.com			
4	Whether the project falls within National Park / Sanctuary / Conservation Reserve	No. The proposed project does not involve any protected area. Further, the minimum distance of project alignment from nearest protected area is above 10 Km from outer boundary of nearest TATR.				
5	If yes Name of the Sanctuary, National Park /Conservation Reserve and location Compartment No./Survey No./Village etc.	NA				
6	Whether the project falls within deemed Eco-Sensitive Zone, give specific distance from ESZ boundary	No.				
7	If yes Name of the Sanctuary, National Park /Conservation Reserve and minimum distance in km from boundary of sanctuary/National Park	NA				
8	Whether the project falls within officially proposed ESZ, given specific distance from ESZ boundary	No				
9	Details of Total area required for project	Area under Submergence – 243.27 Ha .Forest		529.68 Ha.Non -Forest		
		Area under Canal – 72.47 Ha .Forest		99.08 Ha.Non -Forest		
		Total 315.74 Ha.		628.76 Ha.		
	Total Project Area (Ha)	Total Project Area in non-protected Area(Ha)	WLS/ESZ/ Protected Area (Ha)	Non Forest Total (Ha)	Forest (Ha)	Grand Total (Ha)
	315.74 F <u>628.76 NF</u> 944.50	315.74 F <u>628.76 NF</u> 944.50	0	628.76	315.74	944.50

Area within WL Sanctuary						Area within Tiger Corridor						Area within Eco sensitive Zone						Area not included in any categories.						
RF	P	U	Z	P	T	RF	PF	UN	ZJ	PR	T	RF	P	U	Z	P	T	RF	P	UN	ZJ	PR	T	
F	N	J	R	o	t						a		F	N	J	R	a		F					
0	0	0	0	0	0	123.13	126.898	10.855	6.45	327.44	594.77	0	0	0	0	0	0	0	47.65	0	0.75	301.32	349.73	
S.No.		Description				Forest Area in Ha,						Non Forest Area in ha.						Total						
1		ESZ				0						0						0						
2		Buffer				0						0						0						
3		Tiger Corridor As per WII report				267.33						327.44						594.77						
10	The forest land is involved, the status of proposal under Forest (Con) Act,1980.					This proposal involves 315.74 ha. forest land falling outside the National Park/Wildlife Sanctuary. Forest Clearance proposal submitted to the Government of India, Delhi through proper channel on date 24/11/2022.																		
11	Compulsory attach digital color map (0n scale of A3 size) showing Sanctuary, National Park /Conservation Reserve area. Project area, Forest area within 10.00 Km. radius from boundary of proposed ESZ etc. (Probably map should be on Google Earth background)					Yes, attached separately (Refer Page No.). The minimum distance of the project alignment from TATR Wildlife Sanctuary is 27.272 Km.																		
12	If the forest land is involved within WLS/NP, ESZ and outside ESZ then date of FC Act proposal submitted to the Nodal Officer and status of the process (Please attach relevant document)					This proposal involves diversion of 315.74 Ha. forest land falling outside the National Park/Wildlife Sanctuary. Forest Clearance proposal submitted to the Government of India, Delhi through proper channel on date 24/11/2022.																		
13	What is the status of Environmental Clearance (Please attach relevant document)					EC File No. : 10-9/2019-IA-III.																		
14	Specific Cost of the Project																							
a	Cost of Part within WLS/NP					Nil																		
b	Cost of Part within ESZ					Nil																		
c	Cost of Part Outside Corridor					Rs. 84.40 Cr																		
d	Cost of Part within Corridor					Rs 142.20 Cr																		
		Total cost (Please attach relevant document)					Rs. 226.60 cr.																	

Place:- Mul
Date:-


 Divisional Forest Officer
 Chandrapur Division, Chandrapur



(J.B. Jadhav)
 Executive Engineer,
 Asolamendha Project Renovation
 Division No.1 Mul



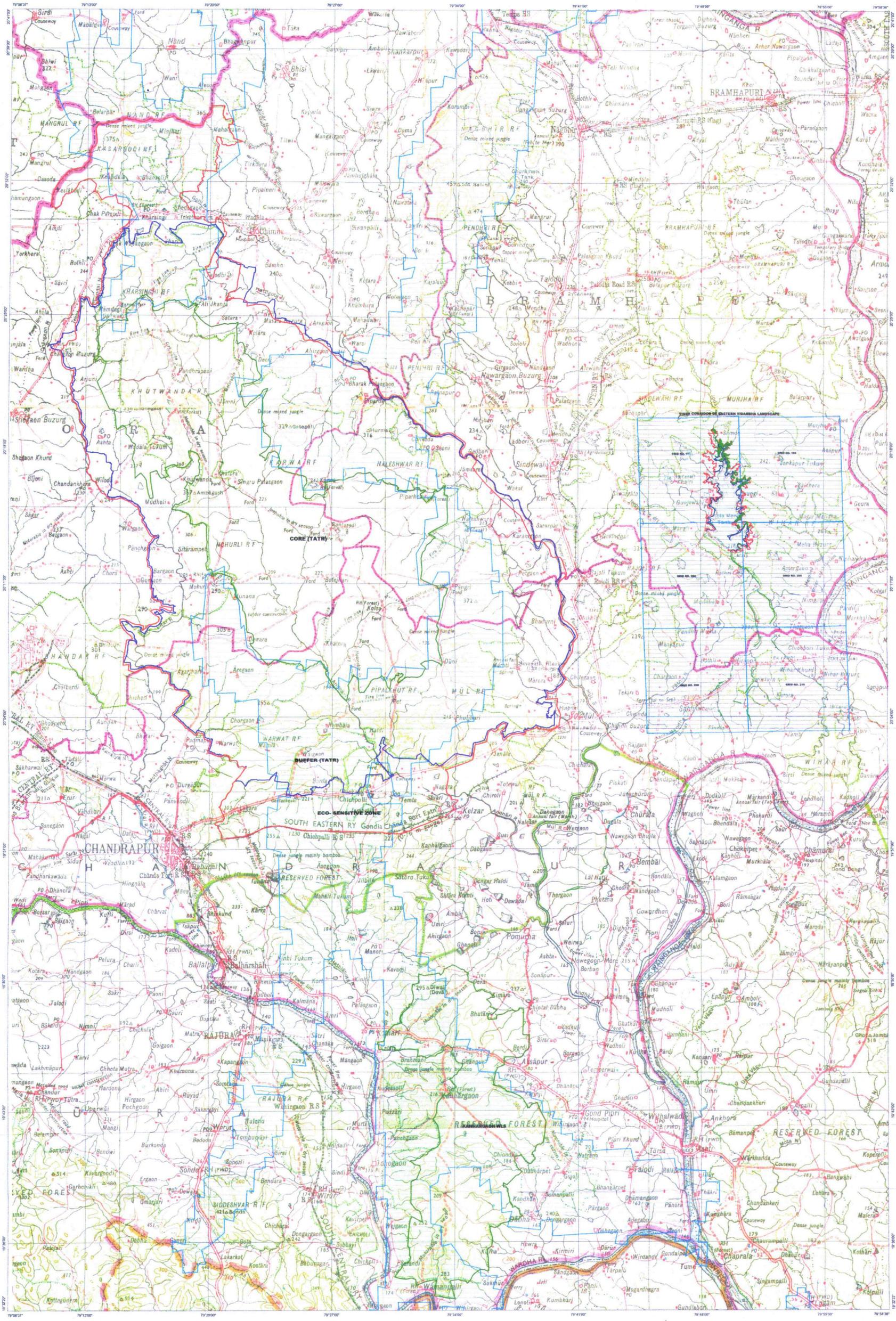
ASOLAMENDHA RENOVATION PROJECT

DIVERSION OF 315.74 HA. FOREST LAND UNDER FOREST CONSERVATION ACT.1980

MAP SHOWING TIGER CORRIDORS AREA



0 4000 8000 12000 16000
Meters
1:102,000



Legend	
	ECO-SENSITIVE ZONE
	TATR (BUFFERS)
	TATR (CORE)
	KANARHAGGAH AREA
	PRO-FOREST AREA
	CORRIDOR BAY
	EXCLOYD OF TANK
	PROBIDY OF TANK