

Government of Maharashtra

By Speed Post

No. FLD-1923/C.R.139 /F-10
Revenue and Forest Department,
Madam Kama Marg,
Hutatma Rajguru Chowk,
Mantralaya, Mumbai- 400 032.
Date : - 09/11/2023.

To,
Deputy Director General of Forests (Central),
Regional Office,
Ministry of Environment, Forests & Climate Change,
Government of India, Ground Floor, East Wing,
New Secretariat Building, Civil Lines,
Nagpur-440 001.

Sub.:- Forest Land- Pune.


Diversion of 48.55 ha. forest land under section 2 of the Forest (Conservation) Act, 1980 for construction of Pune Ring Road Western (PRRW) from Urse to varve at village Kelwade, Tal Haveli, Mulshi & Maval, Dist pune in the State of Maharashtra. (FP/MH/ROAD/154408/2022)

Ref: 1. Your Officer Letter No. FC-III/MH-56/2023-NGP/11982, Dt -31.07.2023.

2. APCCF & Nodal Officer Letter No. Desk-17/Nodal/S1/PID-154408/Pune 2145, Nagpur, Dt.17.10.2023.

Regional Office, MoEF&CC, Government of India has sought additional information under reference no.1, with respect to the proposal for diversion of 48.55 ha. forest land under section 2 of the Forest (Conservation) Act, 1980 for construction of Pune Ring Road Western (PRRW) from Urse to varve at village Kelwade, Tal Haveli, Mulshi & Maval, in Pune District.

2. Additional Principal Chief Conservator of Forests & Nodal Officer, Maharashtra State. Nagpur has submitted compliance report to the Government of Maharashtra vide letter under reference no.2. Compliance Report submitted by the APCCF & Nodal Officer is self-explanatory and attached herewith for further necessary action in the matter.


(Ganesh Jadhao)

Under Secretary to the Government of Maharashtra
Under Secretary

Revenue and Forests Department
Hutatma Rajguru Chowk
Madam Kama Road, Mantralaya
Mumbai 400 032

Encl : As above.

Copy to:

1. Additional Principal Chief Conservator of Forests and Nodal Officer, Nagpur
2. Chief Conservator of Forests (T). Pune.
3. Deputy Conservator of Forests(T). Pune.

**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,

First Floor, 'B' Wing, Van Bhavan, Civil Lines, Nagpur-440001.

Tel no. (0712) 2530166, 2556916, Fax no. (0712) 2550675 E-mail- apccfnodal@mahaforest.gov.in

No. Desk-17/Nodal/S1/PID-154408/Pune/2145
Nagpur - 440 001, Date : 17/10/2023

To,
Principal Secretary (Forests),
Revenue & Forest Department,
Mantralaya Mumbai -32.

Subject:- Diversion of 48.55 ha forest land in favour of MSRDC (PRR), Pune for construction of Pune Ring Road Western (PRRW) from Urse to Varve at Village Kelwade Taluka- Haveli, Mulshi and Mavai, District- Pune in the State of Maharashtra- regarding.

Ref:- 1) Govt. of India, MoEF&CC, IRO Nagpur letter F.No.FC-III/MH-56/2023-NGP/11982 dt. 31/7/2023 p/120
2) Chief Conservator of Forests (T), Pune letter No.Desk-4/4(2)/Land/FCA-398/B-1385 dt.25/9/2023 p/145
3) Chief Conservator of Forests (T), Pune letter No.Desk-4/4(2)/Land/FCA-398/A1000 dt.11/10/2023 p/155

Ministry of Environment, Forests and Climate Change, Government of India, Regional Office, Nagpur vide letter under reference No. 1 has been raised 10 queries in the subject matter. Accordingly, the Chief Conservator of Forests (T), Pune vide letter under reference No. 2 & 3 has submitted the compliance report to this office. The same may be submitted as under:-

S.No.	Query	Compliance
i	The instant proposal has not been forwarded to Regional Office, Nagpur, the proposal is showing as pending at State Government level. The proposal has to be forwarded to Regional Office, Nagpur for further consideration under Forest (Conservation) Act, 1980.	The said proposal has now been forwarded to Regional Office, Nagpur.
ii	Part- V is also not uploaded on Parivesh portal. The same needs to be uploaded and intimated to this office.	Part- V uploaded by Government of Maharashtra level on Parivesh portal.
iii	Compensatory Afforestation details viz. site suitability certificate, CA scheme and KML file of CA land has not been uploaded on Parivesh portal. The same needs to be loaded and intimated to this office.	Compensatory Afforestation details viz. site suitability certificate, CA scheme and KML file of CA land has now been uploaded on Parivesh portal.
iv	Differential GPS map of land identified to carry out Compensatory Afforestation is not submitted along with the proposal. Differential GPS of CA land certified by DCF concerned needs to be submitted.	Differential GPS map of land identified to carry out Compensatory Afforestation is enclosed herewith as Annexure-I . p/131
v	As the proposal is more than 40 ha, Site Inspection report of CCF concerned is mandatory. Site Inspection report of CCF concerned is not submitted along with the proposal nor uploaded on Parivesh portal. Site Inspection report of CCF concerned shall be uploaded on Parivesh portal and submitted to this office also.	The copy of the Site Inspection Report duly signed by the Chief Conservator of Forests (T), Pune is enclosed herewith as Annexure-II . p/150 to 154
vi	Discrepancy is observed in number of trees proposed to be felled in the proposal, wherein, State Government of Maharashtra has mentioned that 987 trees are proposed to be felled in the proposal, but enumeration list of 1025 trees has been submitted. Further, DCF, Pune has mentioned in Part- II that enumeration of trees is done by sample plot method. Complete and exact number of	Revised abstract of enumeration trees and online Part-II is attached herewith as Annexure-III . The total trees proposed to be felled in the proposal are 1025. p/140

updated

	trees to be felled in the proposal needs to be submitted.	
vii	Certificate w.r.t. Archeological importance submitted along with the proposal is not signed by DCF concerned. Signed copy of the same needs to be submitted.	Certificate w.r.t. Archeological importance duly signed by DCF Pune is enclosed herewith as Annexure-IV . P/142
viii	Two CA schemes with different estimates have been submitted by same DCF i.e. DCF, Parbhani. Correct CA scheme needs to be submitted.	The revised C.A scheme is enclosed herewith as Annexure No.V P/130
ix	Cross sectional map is not submitted along with the proposal. The same needs to be submitted.	Cross sectional map is enclosed herewith as Annexure-VI . P/123
x	Details of employment potential in terms of man days of skilled, semiskilled and unskilled persons on permanent (direct and indirect) and temporary (direct and indirect) basis have not been provided. The same needs to be provided.	User Agency has details of employment potential in terms of man days of skilled, semiskilled and unskilled persons on permanent (direct and indirect) and temporary (direct and indirect) basis is enclosed herewith as Annexure-VII P/122

In view of the above facts, it is requested to process the proposals to MoEF&CC for approval under section - 2 of the Forest (Conservation) Act, 1980.

Encl : As above (2 sets)

17/11/21

(Naresh Zurmure)

Addl. Principal Chief Conservator of Forests
& Nodal Officer

17/10/2023

Copy to the Deputy Conservator of Forests, Pune Division for information and necessary action.

Copy to the Executive Engineer (MSRDC), Pune Camp Office, Pune-1, for information and necessary action.



महाराष्ट्र शासन
वन विभाग

मुख्य वनसंरक्षक (प्रादेशिक), पुणे यांचे कार्यालय,
वनभवन, भांबुर्डा वनविहार, गोखलेनगर-411016

दुरध्वनी क्रमांक - 020-25664182/83

ई-मेल- ccftpune@gmail.com/ccftpune@mahaforest.gov.in

जा-कक्ष.क्र.4/4((2/जमिन/FCA 398/1000 /2023-24, पुणे-411 016,

दिनांक- 11 / 10 / 2023

प्रति,

मा. अपर प्रधान मुख्य वनसंरक्षक व
केंद्रस्थ अधिकारी, म रा, नागपूर

Sub.:- Diversion of 48.55 ha. forest land for construction of Pune Ring Road Western (PRRW) of 8.80 km start at from Urse to Varve at village Kelwade, Tal.Haveli, Mulshi & Maval, Dist.Pune. (FP/MH/ROAD/23385/2016)

- संदर्भ - 1. The Government of India, MoEF & CC, Integrated Regional Office, Nagpur vide letter no. F.NL.FC -III/MH-56 / 2023- NGP / 11982, Dated 31/07/2023.
2. मा.अपर प्रधान मुख्य वनसंरक्षक तथा केंद्रस्थ अधिकारी महाराष्ट्र राज्य नागपूर यांचे कार्यालयाकडील पत्र क्र. कक्ष-17/FCA-51/PID-154408 /Pune / 1451 Nagpur Dt. 08/08/2023.
3) उपवनसंरक्षक पुणे यांचे कार्यालयाकडील पत्र अ/कक्ष-4.02 /जमिन/ FCA/893 / 2023.24 दि. 14/09/2023.
4) या कार्यालयाचे पत्र क्र. 4/4(2)/ जमिन/FCA-398/ B 1385 /2023.24 दि. 25/09/2023.
5) मा.अपर प्रधान मुख्य वनसंरक्षक तथा केंद्रस्थ अधिकारी महाराष्ट्र राज्य नागपूर यांचे कार्यालयाकडील पत्र क्र. कक्ष-17/FCA-S1/PID-154408 /Pune / 1946 Nagpur Dt. 27/09/2023.

विषयांकित प्रस्तावात त्रुटी उपस्थित करुन संदर्भ क्र.2 चे पत्र या कार्यालयास प्राप्त झाले आहे. प्रकरणी संदर्भ क्र.2 चे पत्रात नमूद त्रुटी 1 ते 10 ची पूर्तता करुन पूर्तता अहवाल अनुषंगिक दस्तऐवजांसह सादर करणेबाबत कळविण्यात आले आहे.

त्यानुसार संदर्भ क्र. 4 अन्वये नमूद 1 ते 10 त्रुटींची पूर्तता करुन पूर्तता अहवाल अनुषंगिक दस्तऐवजांसह आपले कार्यालयास सादर केलेला आहे. तथापी संदर्भीय पत्र क्र. 5 अन्वये आपण सदर 1 ते 10 त्रुटीमधील त्रुटी क्र.5 ची पुर्तता विहीत नमुन्यात सादर केले नसल्याबाबत कळविण्यात आले आहे.

त्याअनुषंगाने नमूद त्रुटी क्र. 5 ची पुर्तता करुन पुर्तता अहवाल सोबत प्रमाणे 2 प्रतींमध्ये जोडून सादर करणेत येत आहेत. तरी विषयांकित अहवाल यथोचित मार्गाने शासनास सादर होणेस विनंती आहे.

सोबत - वरीलप्रमाणे 2 प्रतिमध्ये

11/10
(एन.आर.प्रवीण)

मुख्य वनसंरक्षक, (प्रा), पुणे

प्रत Executive Engineer, Pune camp Office, Pune-1 Maharashtra State Road Development Corporation Limited, (MSRDC), Campa Office Pune- 1 यांना आवश्यक कार्यवाहीसाठी

3589
17/10/23

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)	: "Pune Ring Road Western Alignment, Dist. Pune" Pune Forest Division, Pune Range — Haveli Mulshi & Maval Round:-
2	Name of the User Agency	: Executive Engineer Pune Camp Office, Pune
3	Date of Site Inspection	: 17/01/2023
4	Extent (ha) and legal status of forest land proposed for diversion	: 48.55 Ha. (Open Reserved Forest, Protected Forest and Private 35 Section forests)
5	a) Details of forest land proposed for diversion and activity-wise break-up of forest land b) Density and Eco-value class	: Details of the forest land proposed for diversion is enclosed as Area Statement on Page no 11 to 67 Falls in Plantation, Development Working Circle and has overall density is 0.2. these all falls in Eco-Class III, consisting of Tropical Dry Deciduous forest, open forest mentioned in the Hon'ble Supreme Court's order dated 28/3/2008 and order dated 09/05/2008 on page no 5 & 7 in IA No. 826 in 566 and related IA's regarding the rate of the Net Present Value (NPV) of forest land
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 as proposed by the user agency is unavoidable and barest minimum for the project.
7	Whether the proposal involves any construction	: The proposal involves construction of Road

	of building (including residential) or not? If yes, details thereof		
8	<p>a) Whether forest area proposed for diversion is important from wildlife point of view or not.</p> <p>b) Details of any rare or endangered or unique species of flora and fauna found in proposed forest land, If so, the details thereof.</p> <p>c) Aerial 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 therefor:</p>	:	<p>No.</p> <p>No, any rare or endangered or unique species of flora and fauna found in proposed forest land.</p> <p>Aerial distance from the National Park is beyond 10 Kms.</p> <p>Wildlife is seen in the area.</p> <p>Not required.</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>1025</p> <p>540</p> <p>485</p> <p>d) No, adverse effect from tree felling on ecosystem. There are common trees like Sag (Ticktona Grandis), Neem (Azadirecta Indica), Palas Hivar (Acacia leucophloea, & Acacia catechu species are present.</p>
10	Background note on the proposal (short summary)	:	The project note is enclosed in the proposal.
11	Whether the proposal involves any violation of	:	No Violation.

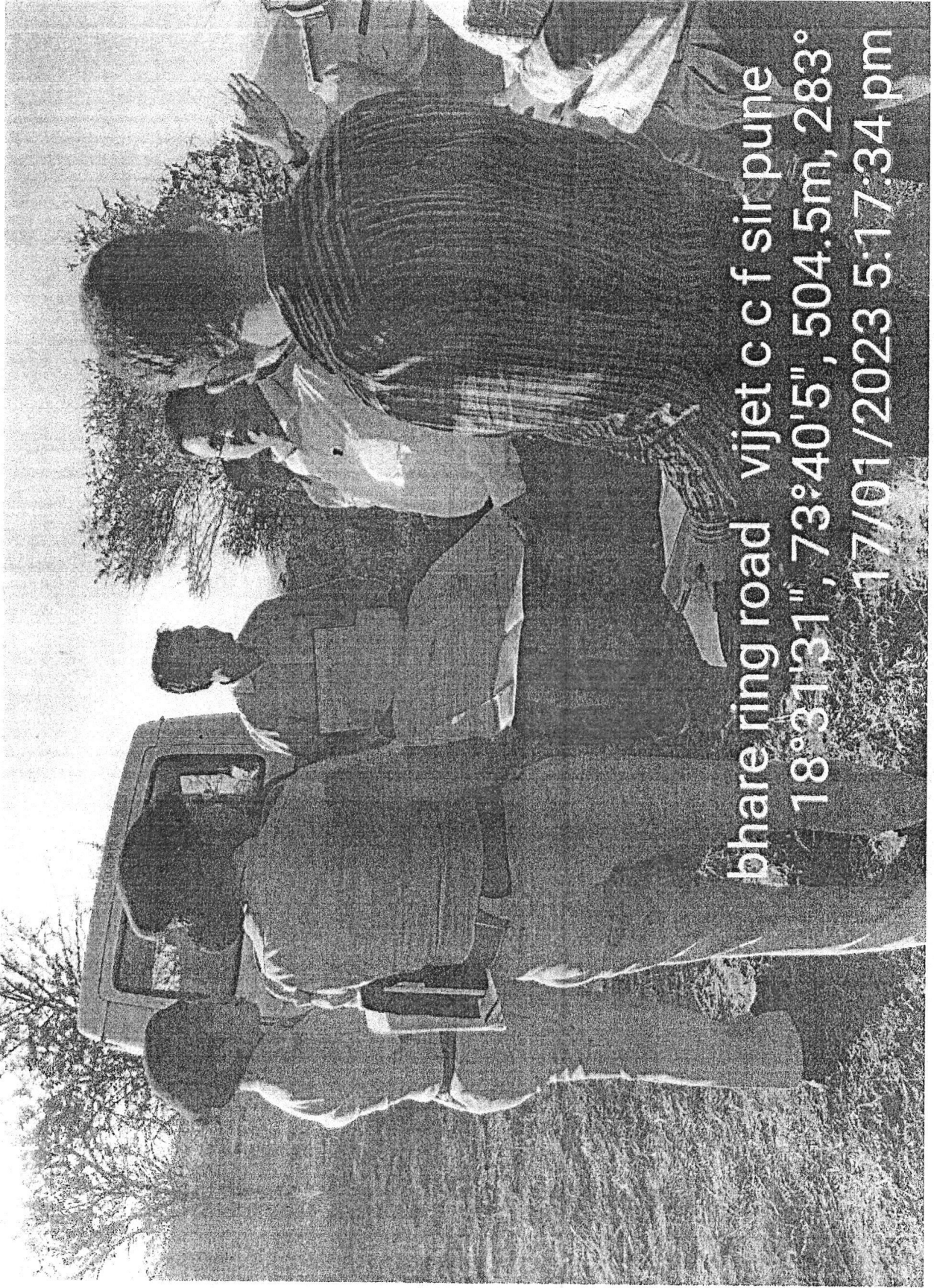
	Forest (Conservation) Act 1980? If, yes, a detailed report on violation including action take against the concerned officials to be attached.		
12	Whether the proposal involves rehabilitation of displaced person. If yes, whether rehabilitation plan has been approved by the State Government?	:	Rehabilitation note is enclosed in the proposal.
13	Details on catchment and culturable command area under the project (if applicable)	:	Not Applicable
14	Utility of the project	:	Day by day number of vehicles & vehicular movements are increasing in Pune, Pimpri-Chinchwad & adjacent area; traffic jams, noise & air pollution in the city are one of the major issues. Proposed ring road may suffice all above concerns & help in smooth & safe vehicular traffic movement
15	Whether land being diverted has any socio-cultural/religious values? Whether any sacred grove or very old growth trees/forests exist in the areas proposed for diversion?	:	The land being diverted has no any socio-cultural/ religious values. No sacred grove or very old growth trees/forests exist 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.
17	Details of documents and photographs enclosed:	:	Attached herewith.
18	Recommendations of the Inspecting Officer (CCF/CF/DCF)	:	The proposed road passes through the forest land at six different locations in the three ranges of Pune Forest Division. At four locations it is underground (through tunneling) and at two locations it is over ground (on surface). The project also involves demolition of two buildings of forest department in Paud Range. The project is recommended for acceptance subject to compliance of the following conditions:
			(1) A green belt of indigenous tree species should be developed over

		ground wherever tunneling is done on both private (acquired) and forest land.
		(2) The muck from tunnel digging should not be dumped anywhere near forests.
		(3) The Project Authority should compensate for the loss of two buildings in Paud Range by (bearing) the cost of construction afresh.
		(4) The area is inhabited by Wildlife like leopards, Indian Gaur, Chital, Hares, Jackals, Reptiles, etc. Hence, the Project Authority should provide for three vehicles for three ranges for patrolling & rescue of wild animals where the proposed road passes through.
		(5) A corpus fund of Rs. 2.00 cr. should be deposited with the Pune Forest Division for maintenance of newly developed Transit Treatment Centre (TTC) at Bavdhan, Pune
		(6) The vehicles belonging the forest department, forest officers & forest staff on duty should not be levied toll on the proposed ring road.

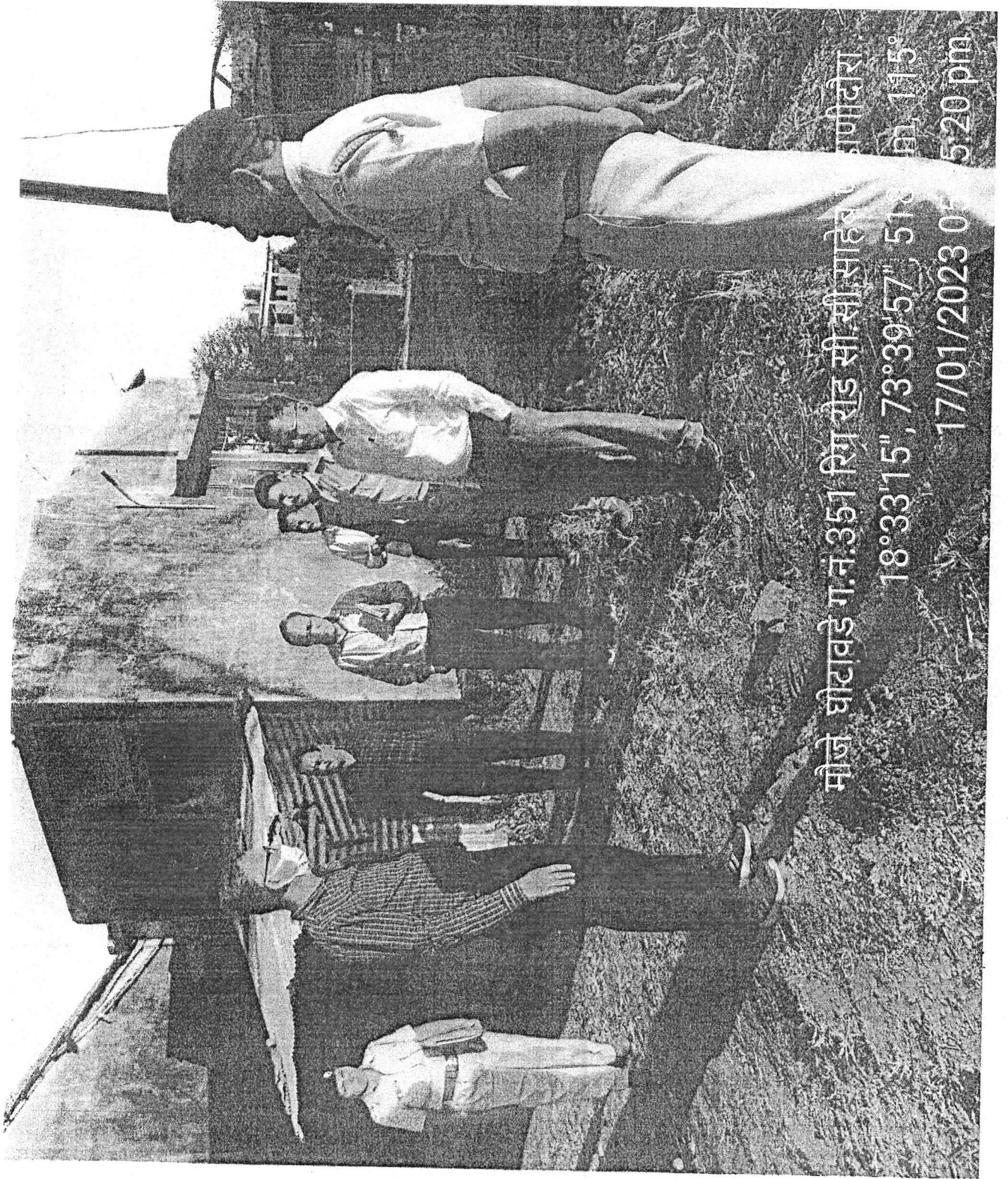

(N. R. Praveen)

Chief Conservator of Forests,
(T.), Pune

Place: - Pune



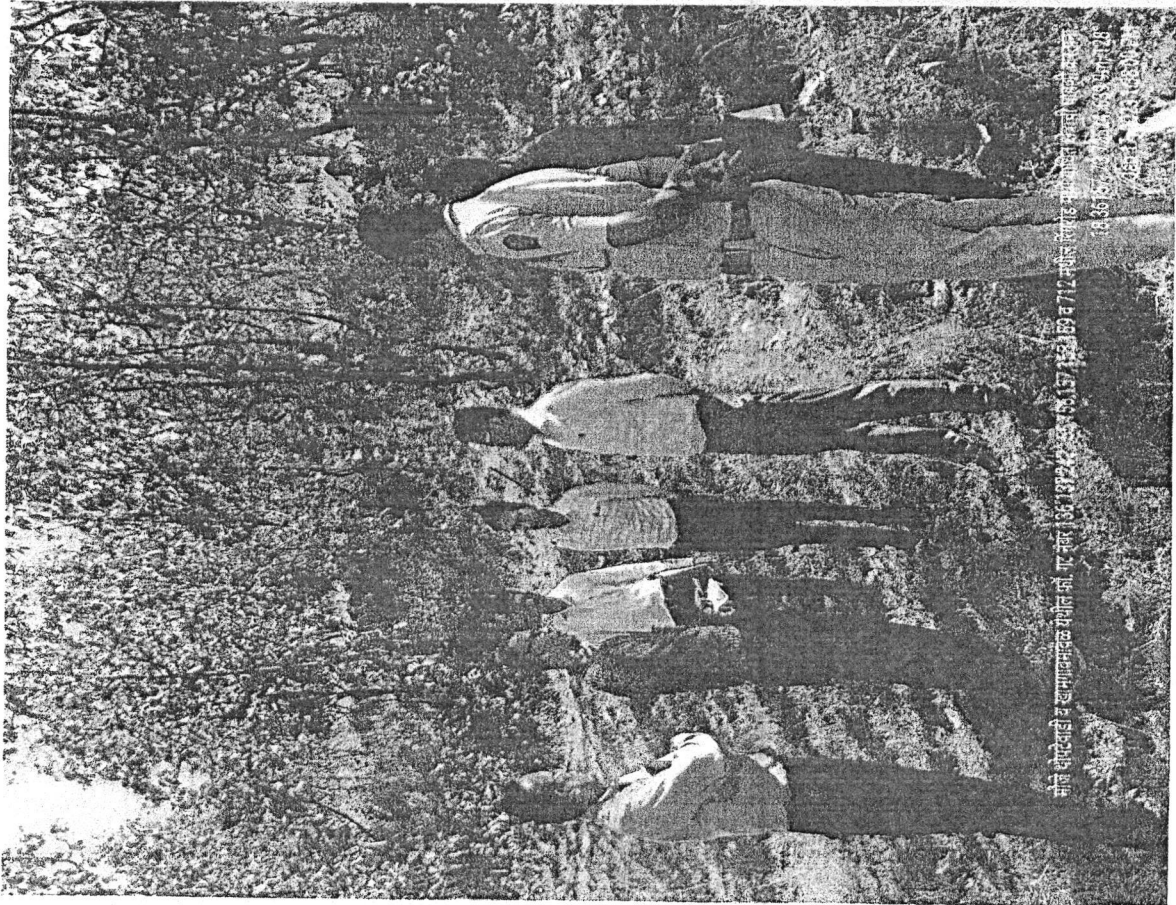
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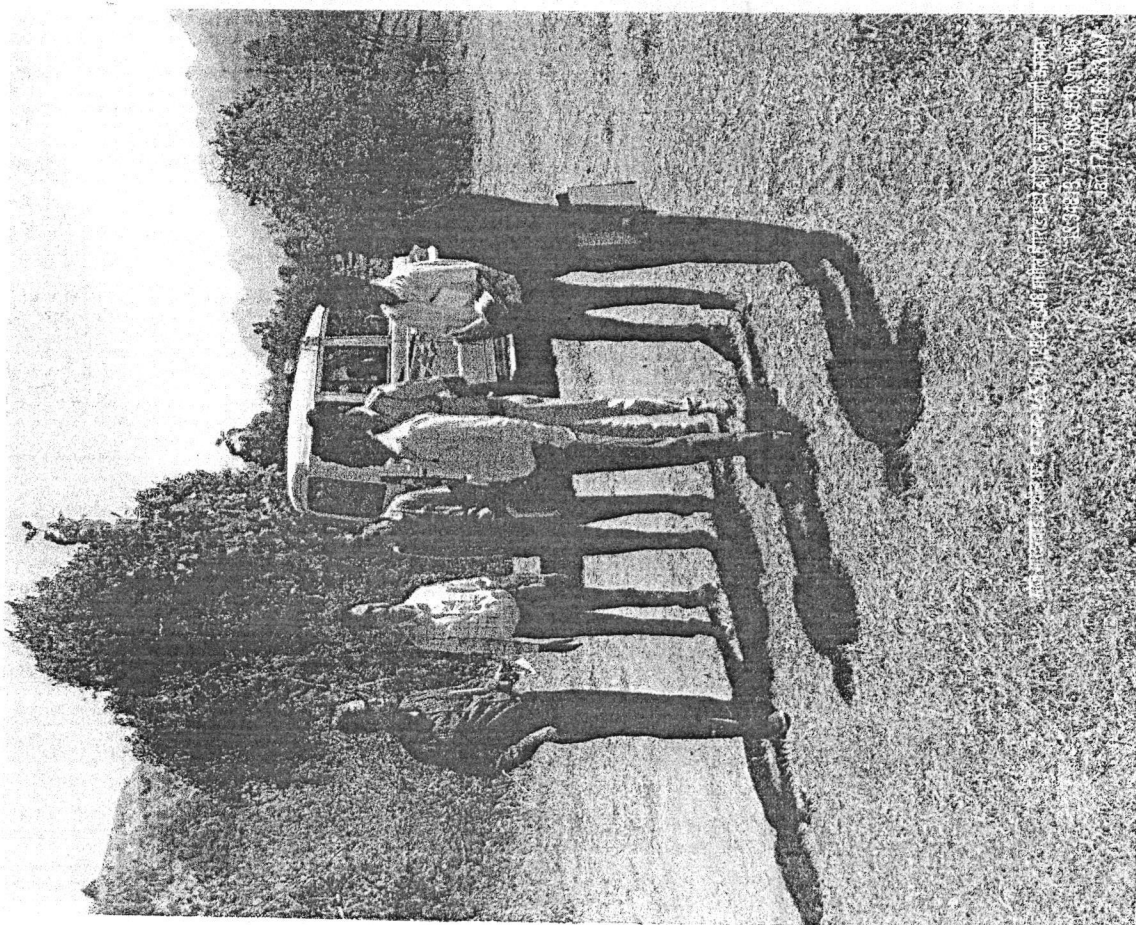
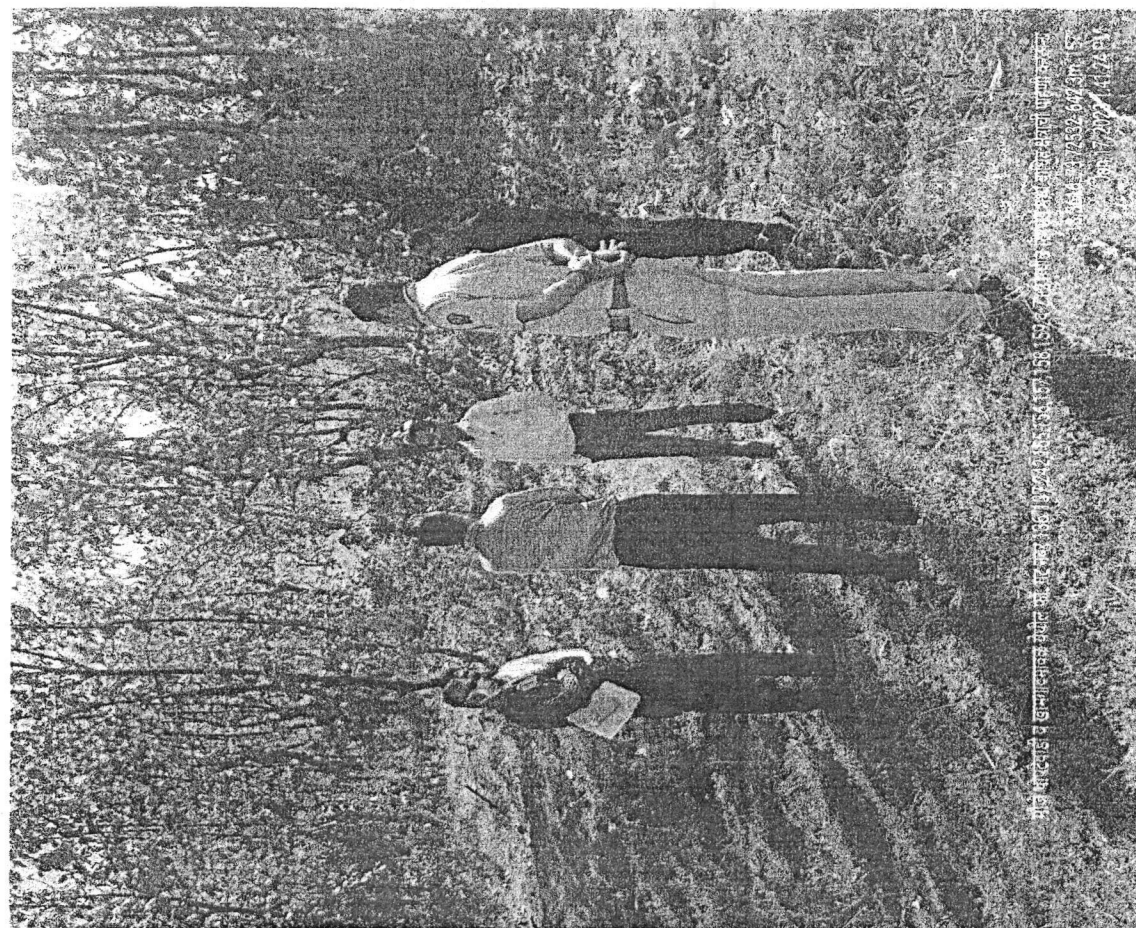


मौजे घोटावडे ग.नं.३५१ रिग्र रोड सी.सी.साहेब गाणीदोरा

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17/01/2023 05:20 pm







महाराष्ट्र शासन
वन विभाग

मुख्य वनसंरक्षक (प्रादेशिक), पुणे यांचे कार्यालय,
वनभवन, भांबुर्डा वनविहार, गोखलेनगर-411016

दुरध्वनी क्रमांक - 020-25664182/83

ई-मेल- ccftpune@gmail.com/ccftpune@mahaforest.gov.in

जा-कक्ष.क्र.4/4((2/जमिन/FCA 398/1385/2023-24, पुणे-411 016,

दिनांक- 25/09/2023

प्रति,

मा. अपर प्रधान मुख्य वनसंरक्षक व
केंद्रस्थ अधिकारी, म रा, नागपूर

Sub.- Diversion of 48.55 ha. forest land for construction of Pune Ring Road Western (PRRW) of 8.80 km start at from Urse to Varve at village Kelwade, Tal.Haveli, Mulshi & Maval, Dist.Pune. (FP/MH/ROAD/23385/2016)

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3) उपवनसंरक्षक पुणे यांचे कार्यालयाकडील पत्र अ/कक्ष-4.02 /जमिन/ FCA/893 / 2023.24 दि. 14/09/2023.

विषयांकित प्रस्तावात त्रुटी उपस्थित करुन संदर्भ क्र.2 चे पत्र या कार्यालयास प्राप्त झाले आहे. प्रकरणी संदर्भ क्र.2 चे पत्रात नमूद त्रुटी 1 ते 10 ची पूर्तता करुन पूर्तता अहवाल अनुषंगिक दस्तऐवजांसह सादर करणेबाबत कळविण्यात आले आहे.

त्यानुसार उपवनसंरक्षक, पुणे यांनी संदर्भ क्र. 3 अन्वये नमूद 1 ते 10 त्रुटींची पूर्तता करुन पूर्तता अहवाल अनुषंगिक दस्तऐवजांसह या कार्यालयास सादर केला असून सदर अहवालाच्या 4 प्रती यासोबत जोडून सादर करणेत येत आहेत. तरी विषयांकित अहवाल यथोचित मार्गाने शासनास सादर होणेस विनंती आहे.

सोबत - वरीलप्रमाणे 4 प्रतिमध्ये

(एन.आर.प्रवीण)

मुख्य वनसंरक्षक, (प्रा), पुणे

प्रत Executive Engineer, Pune camp Office, Pune-1 Maharashtra State Road Development Corporation Limited, (MSRDC), Campa Office Pune- 1 यांना आवश्यक कार्यवाहीसाठी

31/93
26/9/23

144

स्वातंत्र्याचा अमृत महोत्सव

स्वातंत्र्याचा अमृत महोत्सव

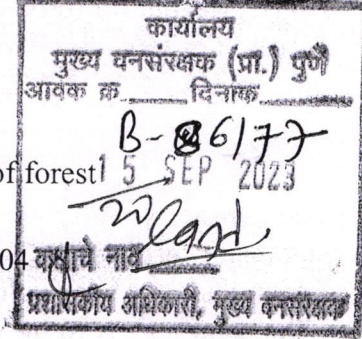


Govt. of Maharashtra

Office of the Deputy Conservator of forest

Pune Forest Division, Pune

Senapati Bapat Road Pune-411004



Phone No. 020 2566 0593

Email- dycfpune@gmail.com

No. :-A/ Desk4.2 /Land /FCA/ 813 /2023.24

Date- 14/09/2023

To,

✓ Chief Conservator of Forests (T)
Pune

Sub :- Diversion of 48.55 ha. forest land for construction of Pune Ring Road Western (PRRW) of 68.80 km start at Urse and end at Varve (Kelwade village) of pune district in the state of Maharashtra. (FP/MH/ROAD/23385/2016)

Ref. :- 1) Moef, Ro Office, Nagpur letter no. FC-III/MH-56/2023-NGP/11982 Dt. 31.07.2023 (received to this office on dt. 04/08/2023)
2) This office demand letter no B/desk 4.2/land/1722 dt. 08/08/2023
3) Executive Engineer, Pune Ring Road, MSRDC, pune letter no. 2825 dt. 28/08/2023

Sir,

Central Government, Ministry of Environment, Forests & Climate Change, Regional officer, Nagpur has raised 1 to 10 queries vide reference letter No.1 in the above mentioned proposal.

Regarding above queries, vide reference letter no.2 of this office has directed to Executive Engineer, Pune Ring Road, MSRDC, pune for the query compliance.

As per reference letter no.3 the Executive Engineer, Pune Ring Road, MSRDC, has submitted compliance report to this office pune (copy attached). Therefore query compliance report is as mentioned below.

Sr no.	Queries	Compliance
i	The instant proposal has not been forwarded to Regional Office , Nagpur , the proposal is showing as pending at State Government level . The proposal has to be forwarded to Regional Office , Nagpur for further consideration under Forest (Conservation) Act , 1980 .	This query not pertained to this office.
li	Part- V is also not uploaded on Parivesh portal . The same needs to be uploaded and intimated to this office	This query not pertained to this office.
lii	Compensatory Afforestation details viz . site suitability certificate , CA scheme and KML file of CA land has not been uploaded on Parivesh portal . The same needs to be loaded and intimated to this office .	The same is uploaded on Parivesh portal.
iv	Differential GPS map of land identified to carry out Compensatory Afforestation is not submitted along with the proposal. Differential GPS of CA land certified by DCF concerned needs to be submitted	Regarding this, Executive Engineer, Pur Ring Road, MSRDC, pune has submitted the compliance is attached herewith.
v	As the proposal is more than 40 ha , Site Inspection report of CCF concerned is mandatory . Site Inspection report of CCF concerned is not submitted along with the proposal nor uploaded on Parivesh portal . Site Inspection report of CCF concerned shall be uploaded on Parivesh portal and submitted to this office also .	This query not pertained to this office.
vi	Discrepancy is observed in number of trees proposed to be felled in the proposal , wherein , State Government of Maharashtra has mentioned that 987 trees are proposed to be felled in the proposal , but enumeration list of 1025 trees has been submitted . Further , DCF , Pune has mentioned in Part- II that enumeration of trees is done by sample plot method . Complete and exact number of trees to be felled in the proposal needs to be submitted .	Rewised abstract of enumeration trees and online Part- II is attached herewith. The total trees proposed to be felled in the proposal are 1025.
Vii	Certificate w.r.t. Archeological importance submitted along with the proposal is no signed by DCF concerned . Signed copy of the same needs to be submitted	The Certificate is attached herewith.

Viii	Two CA schemes with different estimates have been submitted by same DCF i.e. DCF , Parbhani . Correct CA scheme needs to be submitted	Regarding this, Executive Engineer,Pune Ring Road,MSRDC, pune has submitted the compliance is attached herewith.
Ix	Cross sectional map is not submitted along with the proposal . The same needs to be submitted	Regarding this, Executive Engineer,Pune Ring Road,MSRDC, pune has submitted the compliance is attached herewith.
X	Details of employment potential in terms of man days of skilled , semiskilled and unskilled persons on permanent (direct and indirect) and temporary (direct and indirect) basis have not been provided . The same needs to be provided	Regarding this, Executive Engineer,Pune Ring Road,MSRDC, pune has submitted the compliance is attached herewith.

Above compliance report is kindly submitting herewith for necessary process and information.

Encl- 5 copies.

(Mahadev Mohite)

Deputy Conservator of Forest,
Pune Forest Division,Pune

Copy submitted to - Addl.Principial Chief Conservator of Forest & Nodal

Officer, Maharashtra State Nagpur for kindly information

Copy to - Executive Engineer,Pune Ring Road,MSRDC, pune

Diversion of Forest land proposal for Non forest use under Forest (Conservation) Act 1980 for "Pune Ring Road (Western) Project Dist. Pune.

Certificate No 9

Archeological Importance

(Certificate by Deputy Conservator of Forest)

This is to certify that proposed "Pune Ring Road (Western) Project Dist. Pune, is not likely to affect any monument site of culture, historical, religious, archeological or recreational importance

Place: Pune

Date: 25/10/2022



(Rahul Patil)
Dy. Conservator of Forests
Pune Forest Division,
Pune

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PART-II

(To be filled by the concerned Deputy Conservator of Forest)

State Serial No. of proposal : MH-082/2022

1. Location of the project/Scheme : Maharashtra

- (i) State / Union Territory : Maharashtra
(ii) District : Pune
(iii) Forest Division : Pune
(iv) Area of forest land proposed for diversion (in ha.) : 48.55
(v) Category of the Proposal: Road

2. Legal status of forest land proposed for diversion :

S. No.	Division	Forest Land(ha.)	Legal Status
1	Pune	48.55	Reserved Forest
Total		48.55	

Division 1. : Pune

3. District wise area to be diverted in the division :

S. No.	District	Area(ha.)
1	Pune	48.55
Total		48.55

4. Details of Vegetation available in the forest land proposed for diversion :

(i) Density of vegetation

S. No.	Area(in ha.)	Density	Eco-Class
1	48.55	0.2	Eco 3
Total.	48.55		

(ii) Species-wise local/scientific names and girth-wise enumeration of trees at FRL :

S. No.	Scientific Name	Local Name	(0-30)cm.	(31-60)cm.	(61-90)cm.	(91-120)cm.	(121-150)cm.	(>150)cm.
1	Tectona Grandis	sag	7	13	4	2	0	1
2	Millingtonia Hortensis	mogra	0	1	1	0	0	0
3	Dalburgia Sisoo	sissu	1	0	0	0	0	0
4	Dalburgia Sisoo	sissu	1	0	0	0	0	0
5	Tectona Grandis	sag	5	27	7	0	0	1
6	Albezzia Labbeck	jangli shewaga	1	0	0	0	0	0
7	Dalburgia Sisoo	sissu	3	4	1	0	0	0
8	Azadirachta Indica	nimb	0	1	2	0	0	0
9	Eucalyptus	nilgiri	0	2	0	0	0	0
10	Ficus Racemosa	umbar	1	0	0	0	0	0
11	Bombax Ceiba	savar	2	1	0	0	0	0
12	Millingtonia Hortensis	mogir	0	1	0	0	0	0
13	Delonix Regia	gulmohar	0	3	1	1	0	0
14	Ficus Religiosa	pimpal	0	0	0	0	1	0
15	Anona Squamosa	sitaphal	1	0	0	0	0	0
16	Tamarindus Indica	chinch	0	1	0	0	0	0
17	Dalburgia Sisoo	sissu	1	0	0	0	0	0
18	Tectona Grandis	sag	0	14	7	7	1	2
19	Pterocarpus Marsupium	aasana	0	0	0	0	0	1
20	Others	subabhul	0	2	5	0	0	0
21	Others	phasi	3	6	0	0	0	0
22	Others	babhul	0	0	0	0	0	1
23	Others	bor	1	2	0	0	0	0
24	Others	khair	5	5	0	0	0	0
25	Others	subabhul	10	8	1	4	1	1
26	Others	aapta	0	1	0	0	0	0
27	Others	khair	9	5	0	0	0	0
28	Others	yen	3	0	0	0	0	0
29	Others	dhawada	1	1	0	0	0	0
30	Others	karanj	0	2	0	0	0	0
31	Others	pangara	14	7	2	4	1	1
32	Others	phashi	0	1	0	0	0	0
33	Others	bamboo	2	0	0	0	0	0
34	Others	sur	2	0	0	0	0	0
35	Others	babhul	2	20	24	10	1	0
36	Others	khair	4	3	1	0	0	0
37	Others	bor	0	1	3	0	0	0

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38	Others	kashid	4	2	0	0	0	0
39	Others	jambhul	1	0	0	0	0	0
40	Others	karanj	1	2	0	0	0	0
41	Others	awala	1	0	0	0	0	0
42	Others	subabhul	2	5	3	3	0	0
43	Others	bor	0	3	2	1	0	0
44	Others	babhul	0	1	0	0	0	0
45	Others	ghatbor	0	1	0	0	0	0
46	Others	jamun	0	1	1	0	0	0
47	Others	yen	0	0	3	1	0	0
48	Others	khair	2	3	5	2	1	0
49	Others	bor	1	2	0	0	0	0
50	Others	khair	2	5	0	0	0	0
51	Others	subabhul	2	4	0	0	0	0
52	Others	babhul	8	6	1	3	1	1
53	Others	aapta	0	1	0	0	0	0
54	Gliricidia Maculata	glerisidia	88	144	120	138	66	70
Total			191	312	194	176	73	79
Sub Total (No of Trees.)			1025					

S.no	District Name
1	Pune

5. Working plan prescription for the forest land proposed for diversion : No Data

6. Brief note on vulnerability of the forest area to erosion : No

7. Approximate distance of the proposed site for diversion from boundary of forest(in km.) : 0

8. Significance of the forest land proposed for diversion from wildlife point of view :

- (i). Details of wildlife present in and around the forest land proposed for diversion : No
- (ii). Whether forms part of national park, wildlife sanctuary, biosphere reserve, tiger reserve, elephant corridor, wildlife migration corridor etc. : No
- (iii). Whether the forest land proposed for diversion is located within eco-sensitive zone(ESZ) of the Protected Area notified under Wildlife(Protection) Act, 1972 (Note: In case, ESZ of a Protected Area is not notified, then, 10kms distance from boundary of the Protected Area should be treated as ESZ): No
- (iv). Whether any national park, wildlife sanctuary, biosphere reserve, tiger reserve, elephant corridor, wildlife migration corridor etc., is located within 1 Km. from boundary of the forest land proposed for diversion : No
- (v). Whether any rare/ endangered/unique species of flora and fauna found in the area : No

9. Details of any protected archaeological/heritage site/defence establishment or any other important monument located in the area, if any :

- (i). Whether any protected archaeological/heritage site/defence establishment or any other important monument is located in the area : No

10. Comment as to the reasonability of the extent of the forest land proposed for diversion :

- (i). Whether the requirement of forest land as proposed by the user agency is unavoidable and bare minimum for the project : Yes

11. Details of violation(s), if any ,committed :

- (i). Whether any work in violation of the Act or guidelines issued under the Act has been carried out : No



12. Whether work in violation is still in progres(Yes/No) : No Data

13. Details of compensatory afforestation scheme :

- (i). Patch wise details of non-forest or Revenue forest land to be provided by User Agency for CA


Patch Wise Details						
S.no	District Name	Village	Area(in ha.)	khasra	KML file	Present Owner file
NO Data						

Additional information Details :

S. No.	Documents	Remarks
1		
2		

14. District Profile :

15. Site inspection report of the DFO/CCF/Nodal Officer highlighting important facts pertaining to the forest land :

Division Name	Circle	Site inspected By	Whether site inspected	No. of times site visited	Site inspection report	Date of visit
Pune	Pune	DFO	Yes	One		24/11/2022
		Nodal Officer	No		No Data	

(Specific recommendation of the DFO/CCF/Nodal Officer with(Part II,III & Part IV))

16. Specific recommendation of the DFO/CCF/Nodal Officer for acceptance or otherwise of the proposal with reason :

Division	Circle	Recommendation By	Recommendation	Reason	Letter	Whether CF agreed

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Pune	Pune	DFO	Recommended	recommended		
	Pune	CF	Recommended	Recommended		Yes
		Nodal Officer	Recommended	Recommended		

Specific recommendation of the State Government(Part V)

17. Specific recommendation of the State Government for acceptance or otherwise of the proposal with reason (Part V) :

State	Recommendation By	Recommendation	Recommendation Date	Remarks	Signing Authority	Notification	Recommendation Letter
Maharashtra	State Secretary	Recommended	28/07/2023	FLD 1923/C.R.139/F 10, Recommended for approval	State Govt. Officer	No Data	

Print page

Construction of Western Part of Pune Ring Road from Starting from Urse Village and Ends at Varve (Kelwade) on Satara road Via Parandwadi, Paud road, Mula road, Mutha road- 68.800 km in the state of Maharashtra

No Feeling of Trees required. This area is under Tunnel Gut No. 465, 251, 252, 348 Area : 11.3611 Ha

Village :- Mordadwadi Taulka:- Haveli, District:- Pune

Trees Enumeration List

Name of Division	Local Name of Species	Scientific Name	Below 30 CMS	31 TO 45 CM	46 TO 60 CM	61 TO 75 CM	76 TO 90 CM	91 TO 105 CM	106 TO 120CM	121 TO 150CM	150 TO 180	181 TO 200 CM	Total Trees
Pune	Gliricidiya	Gliricidia sepium	20	24	11	4	1	1	0	0	0	0	61
	Sulbabhul	leucaena leucocephala	0	0	2	3	2	0	0	0	0	0	7
	Tottal		20	24	13	7	3	1	0	0	0	0	68

PART - A

Construction of Western Part of Pune Ring Road from Starting from Urse Village and Ends at Varve (Kelwade) on Satara road Via Parandwadi, Paud road, Mula road, Mutha road- 68.800 km in the state of Maharashtra

No Feeling of Trees required. This area is under Tunnel Gut No. 136, 137, 242, 157, 158, 159, 155 & 156 Area : 20.986 Ha

Village :- Thoptewadi Taulka:- Haveli, District:- Pune

Trees Enumeration List

Name of Division	Local Name of Species	Scientific Name	Below 30 CMS	31 TO 45 CM	46 TO 60 CM	61 TO 75 CM	76 TO 90 CM	91 TO 105 CM	106 TO 120CM	121 TO 150CM	150 TO 180	181 TO 200 CM	Total Trees
Pune	Sag	Tectona grandis	7	11	2	2	2	2	0	0	0	1	27
	Phashi	Anogeissus acuminata	3	3	3	0	0	0	0	0	0	0	9
	Tottal		10	14	5	2	2	2	0	0	0	1	36

PART - B

Construction of Western Part of Pune Ring Road from Starting from Urse Village and Ends at Varve (Kelwade) on Satara road Via Parandwadi, Paud road, Mula road, Mutha road- 68.800 km in the state of Maharashtra

No Feeling of Trees required. This area is under Tunnel Gut No. 712 Area : 1.42 Ha

Village :- Khamgaon Maval Taulka:- Haveli, District:- Pune

Trees Enumeration List

Name of Division	Local Name of Species	Scientific Name	Below 30 CMS	31 TO 45 CM	46 TO 60 CM	61 TO 75 CM	76 TO 90 CM	91 TO 105 CM	106 TO 120CM	121 TO 150CM	150 TO 180	181 TO 200 CM	Total Trees
Pune	Sag	Tectona grandis	0	8	6	1	6	3	4	1	0	2	31
	Babool	Vachellia nilotica	0	0	0	0	0	0	0	0	1	0	1
	Mogira	Millingtonia hortensis	0	0	1	0	1	0	0	0	0	0	2
Tottal			0	8	7	1	7	3	4	1	1	2	34

PART - C

Construction of Western Part of Pune Ring Road from Starting from Urse Village and Ends at Varve (Kelwade) on Satara road Via Parandwadi, Paud road, Mula road, Mutha road- 68.800 km in the state of Maharashtra

No Feeling of Trees required. This area is under Tunnel Gut No. 45 Area : 4.9663 Ha

Village Babedohol Taulka:- Mavali, District:- Pune

Trees Enumeration List

Name of Division	Local Name of Species	Scientific Name	Below 30 CMS	31 TO 45 CM	46 TO 60 CM	61 TO 75 CM	76 TO 90 CM	91 TO 105 CM	106 TO 120CM	121 TO 150CM	150 TO 180	181 TO 200 CM	Total Trees
Pune	Bor	Ziziphus machitiana	1	1	1	0	0	0	0	0	0	0	3
	Khair	Senegalia catechu	5	3	2	0	0	0	0	0	0	0	10
	Gliricidiya	Gliricidia sepium	0	2	1	0	0	0	0	0	0	0	3
	Sulbabul	leucaena leucocephala	10	6	2	0	1	1	3	1		1	25
	Shisoo	Dalbergia sisoo	1	0	0	0	0	0	0	0	0	0	1
	Aapta	Bauhinia racemosa	0	1	0	0	0	0	0	0	0	0	1
	Tottal		17	13	6	0	1	1	3	1	0	1	43

PART - D

Construction of Western Part of Pune Ring Road from Starting from Urse Village and Ends at Varve (Kelwade) on Satara road Via Parandwadi, Paud road, Mula road, Mutha road- 68.800 km in the state of Maharashtra

No Feeling of Trees required. This area is under Tunnel Gut No. 921 Area : 4.3518 Ha

Village Pachane Taulka:- Mavali, District:- Pune

Trees Enumeration List

Name of Division	Local Name of Species	Scientific Name	Below 30 CMS	31 TO 45 CM	46 TO 60 CM	61 TO 75 CM	76 TO 90 CM	91 TO 105 CM	106 TO 120CM	121 TO 150CM	150 TO 180	181 TO 200 CM	Total Trees
Pune	Gliricidiya	Gliricidia sepium	12	4	3	1	1	0	0	0	0	0	21
	Sisoo	Dalbergia sisoo	1	0	0	0	0	0	0	0	0	0	1
	Sag	Tectona grandis	5	5	20	3	4	0	0	0	1	0	38
	Khair	Senegalia catechu	9	3	0	0	0	0	0	0	0	0	12
	Yen	terminalia elliptica	3	0	0	0	0	0	0	0	0	0	3
	Dhawada	Anogeissus latifolia	1	1	0	0	0	0	0	0	0	0	2
	Karanj	Millettia pinnata	0	0	2	0	0	0	0	0	0	0	2
Tottal			31	13	25	4	5	0	0	0	1	0	79

PART - E

Construction of Western Part of Pune Ring Road from Starting from Urse Village and Ends at Varve (Kelwade) on Satara road Via Parandwadi, Paud road, Mula road, Mutha road- 68.800 km in the state of Maharashtra

Feeling of Trees required. Gut No. 455 Area : 0.1453 Ha

Village :- Bahuli Taulka:- Haveli, District:- Pune

Trees Enumeration List

Name of Division	Local Name of Species	Scientific Name	Below 30 CMS	31 TO 45 CM	46 TO 60 CM	61 TO 75 CM	76 TO 90 CM	91 TO 105 CM	106 TO 120CM	121 TO 150CM	150 TO 180	181 TO 200 CM	Total Trees
Pune	Pangara	Erythrina variegata	14	4	3	1	1	4		1	1	0	29
	Phashi	Anogeissus acuminate	0	0	1	0	0	0	0	0	0	0	1
	Aasana	Pterocarpusmarsupium	0	0	0	0	0	0	0	0	1	0	1
	Jangli Shewga	Albizia lebbeck	1	0	0	0	0	0	0	0	0	0	1
	Bamboo	Bambusoideae	2	0	0	0	0	0	0	0	0	0	2
	Suir	Cupressus torulosa	2	0	0	0	0	0	0	0	0	0	2
Tottal			19	4	4	1	1	4	0	1	2	0	36

PART - F

Construction of Western Part of Pune Ring Road from Starting from Urse Village and Ends at Varve (Kelwade) on Satara road Via Parandwadi, Paud road, Mula road, Mutha road- 68.800 km in the state of Maharashtra

Feeling of Trees required under Gut No. 406/1/A & 406/2/1/2 Area : 4.9757 Ha

Village Bhare Taulka:- Mulshi, District:- Pune

Trees Enumeration List

Name of Division	Local Name of Species	Scientific Name	Below 30 CMS	31 TO 45 CM	46 TO 60 CM	61 TO 75 CM	76 TO 90 CM	91 TO 105 CM	106 TO 120CM	121 TO 150CM	150 TO 180	181 TO 200 CM	Total Trees
Pune	Babul	Vachellia nilotica	2	10	10	15	9	5	5	1	0	0	57
	Sisum	Dalbergia sisoo	3	4	0	1	0	0	0	0	0	0	8
	Khair	Senegalia catechu	4	3	0	1	0	0	0	0	0	0	8
	Bor	Ziziphus machitiana	0	0	1	2	1	0	0	0	0	0	4
	Nimb	Azadirachta indica	0	1	0	1	1	0	0	0	0	0	3
	Nilgari	Eucalyptus	0	2	0	0	0	0	0	0	0	0	2
	Gliricidiya	Gliricidia sepium	14	47	45	63	49	46	89	66	65	5	489
	Kasid	Kasid	4	1	1	0	0	0	0	0	0	0	6
	Jambhul	Eugenia jambolana Lam	1	0	0	0	0	0	0	0	0	0	1
	Umbar	Ficus racemosa	1	0	0	0	0	0	0	0	0	0	1
	Savar	Bombax ceiba	2	1	0	0	0	0	0	0	0	0	3
	Karanj	Millettia pinnata	1	1	1	0	0	0	0	0	0	0	3
	Mogir	Millingtonia hortensis	0	1	0	0	0	0	0	0	0	0	1
	Gulmohor	Delonix regia	0	2	1	0	1	1	0	0	0	0	5
	Pimpal	Ficus religiosa	0	0	0	0	0	0	0	1	0	0	1
	Sitaphal	Annona squamosa	1	0	0	0	0	0	0	0	0	0	1
	Chinch	Tamarindus indica	0	1	0	0	0	0	0	0	0	0	1
	Awala	phyllanthus emblica	1	0	0	0	0	0	0	0	0	0	1
Tottal			34	74	59	83	61	52	94	68	65	5	595

PART - G

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Construction of Western Part of Pune Ring Road from Starting from Urse Village and Ends at Varve (Kelwade) on Satara road Via Parandwadi, Paud road, Mula road, Mutha road- 68.800 km in the state of Maharashtra

Feeling of Trees required under Gut No. 33 Area : 0.1749 Ha

Village Babedohol Taulka:- Mavali, District:- Pune

Trees Enumeration List

Name of Division	Local Name of Species	Scientific Name	Below 30 CMS	31 TO 45 CM	46 TO 60 CM	61 TO 75 CM	76 TO 90 CM	91 TO 105 CM	106 TO 120CM	121 TO 150CM	150 TO 180	181 TO 200 CM	Total Trees
Pune	Sulbabul	leucaena leucocephala	2	0	3	3	0	2	1	0	0	0	11
	Bor	Ziziphus machitiana	0	1	2	1	1	1	0	0	0	0	6
	Babul	Vachellia nilotica	0	0	1	0	0	0	0	0	0	0	1
	Ghatbor	Ziziphus machitiana	0	1	0	0	0	0	0	0	0	0	1
	Jamun	Eugenia jambolana Lam	0	0	1	1	0	0	0	0	0	0	2
	Yen	terminalia elliptica	0	0	0	2	1	0	1	0	0	0	4
	Khair	Senegalia catechu	2	3	0	3	2	1	1	1	0	0	13
	Glaricidiya	Gliricidia sepium	0	1	1	1		1	1	0	0	0	5
Tottal			4	6	8	11	4	5	4	1	0	0	43

PART - H

Construction of Western Part of Pune Ring Road from Starting from Urse Village and Ends at Varve (Kelwade) on Satara road Via Parandwadi, Paud road, Mula road, Mutha road- 68.800 km in the state of Maharashtra

Feeling of Trees required. Gut No. 33 Area : 0.4673 Ha

Village Babedohol Taulka:- Mavali, District:- Pune

Trees Enumeration List

Name of Division	Local Name of Species	Scientific Name	Below 30 CMS	31 TO 45 CM	46 TO 60 CM	61 TO 75 CM	76 TO 90 CM	91 TO 105 CM	106 TO 120CM	121 TO 150CM	150 TO 180	181 TO 200 CM	Total Trees
Pune	Bor	Ziziphus machitiana	2	4	1	0	0	0	0	0	0	0	7
	Khair	Senegalia catechu	5	6	4	3	0	2	0	0	0	0	20
	sag	Tectona grandis	6	8	3	5	2	1	0	0	0	0	25
	jamun	syzygium cumini	1	1	0	0	0	0	0	0	0	0	2
	yen	Terminalia elliptica	1	1	1	1	0	0	0	0	0	0	4
	Sulbabul	leucaena leucocephala	4	3	2	2	1		0	0	0	0	12
	Glaricidiya	Gliricidia sepium	5	4	3	2	1	3	0	0	0	0	18
	Karanj	Millettia pinnata	0	1	1	0	0	0	0	0	0	0	2
	Dhawada	Anogeissus	0	0	0	1	0	0	0	0	0	0	1
Tottal			24	28	15	14	4	6	0	0	0	0	91

PART - I

Grand Total (A+B+C+D+E+F+G+H+I)	159	184	142	123	88	74	105	72	69	9	1025
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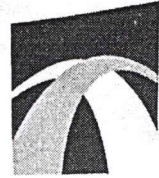
Mahadev Mohite
Deputy Conservator of forest
Pune forest Division Pune

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स्वातंत्र्याचा अमृत महोत्सव

जा.क्र. मरारविम/काअ/पुणे रिंग रोड (पश्चिम)/ 2825

दिनांक 28 AUG 2023



**Maharashtra State
Road Development
Corpn. Ltd.**

(A Government of Maharashtra Undertaking)

प्रति,
उपवनसंरक्षक,
पुणे वन विभाग,
पुणे.

विषय:- पुणे (पश्चिम) चक्राकार मार्ग प्रकल्प.

Proposal for Diversion of ४८.५५ Ha. Forest Land under section-२ of the Forest Conservation Act - १९८० for Construction of Pune Ring Road Western (PRR-W) Urse to Varve at Village Kelawade, Tal. Haveli, Mulshi And Maval District Pune.

उपवनसंरक्षक पुणे वनविभाग, पुणे
विभाग:- अमीक
दि:- 29 AUG 2023
जावक क्र:- 2854
कार्यालय आयुक्त उपवनसंरक्षक

- संदर्भ:- १. मा. DDGF (Central) Regional Office, नागपूर यांचे कडील पत्र क्र. FC-III/MH-५६/२०२३-NGP/११९८२, दि. ३१/०७/२०२३.
२. आपले कडील पत्र क्र. ब/कक्ष-४.२/जमिन/१७२२/२०२२-२३, दि. ०८/०८/२०२३.

उपरोक्त विषयांकित प्रकल्पाच्या FCA प्रस्तावावर संदर्भित पत्र क्र.१ अन्वये घेतलेल्या शं-यांची पूर्तता अहवाल सोबत सादर करणेत येत आहे.

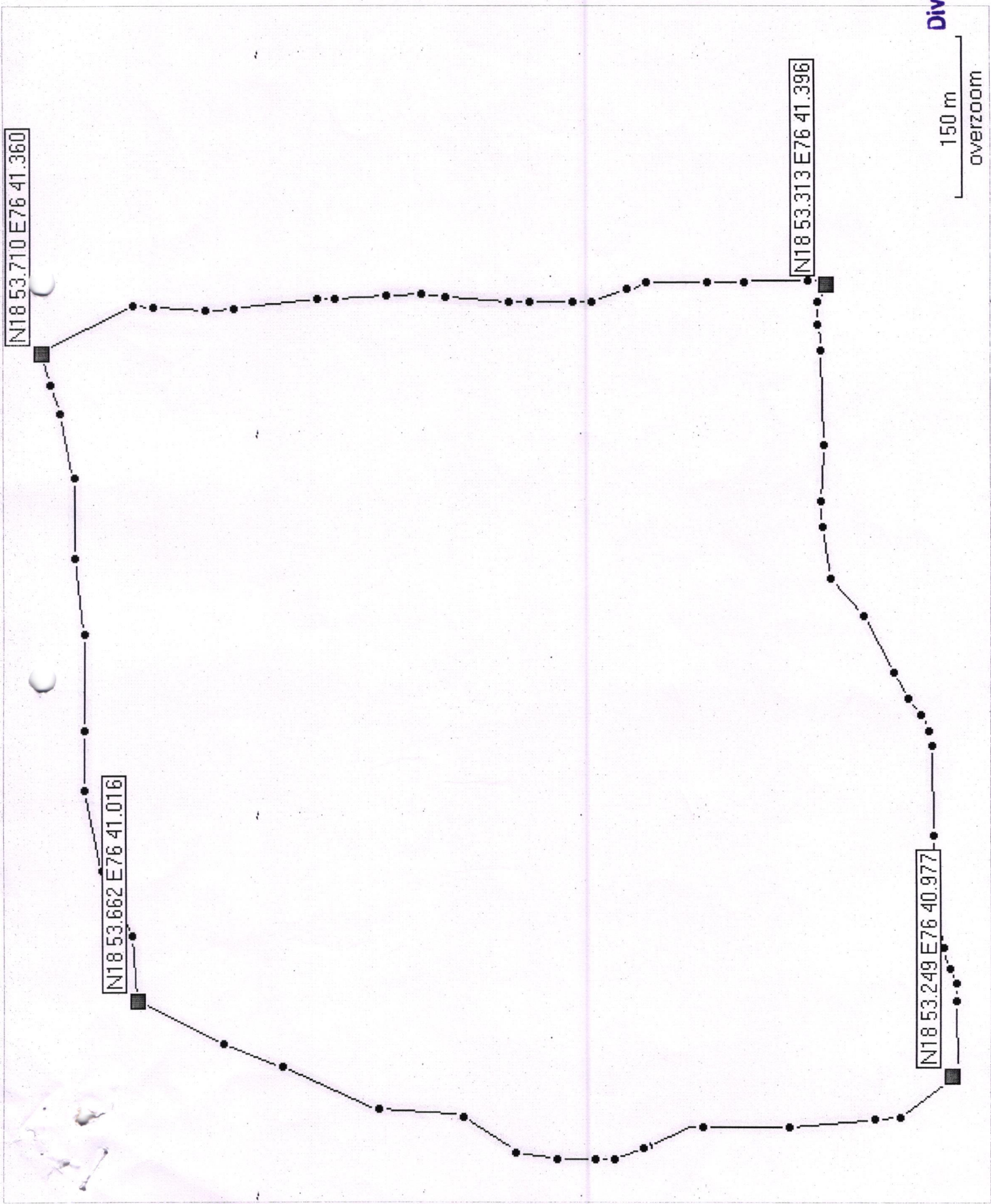
तरी पुढील कार्यवाही लवकरात लवकर व्हावी ही विनंती.

सोबतः वरीलप्रमाणे.

कार्यकारी अभियंता
(पुणे चक्राकार मार्ग)
मरारविमशिबीर कार्याल, य.पुणे,

प्रत माहितीसाठी सविनय सादर:

१. मा. मुख्य अभियंता, महाराष्ट्र राज्य रस्ते विकास महामंडळ, (मर्या) पुणे.
२. मा. अधिक्षक अभियंता, महाराष्ट्र राज्य रस्ते विकास महामंडळ, (मर्या) पुणे.



Model No. 5, Model rate structure for plantation of mixed tree species having rainfall upto 800 mm and medium quality, medium drained soil.

Details scheme for Compensatory Afforestation scheme for construction of Pune Ring Road (Western) Project Dist. Pune

Spacement - 3m x 3m

Size of Pits - - 0.45 x 0.45 x 0.45m

No. of Seedlings - 1111 per ha

Wage Rate - 425.96

S. No.	Pre Monsoon Operation	Expenditure per Ha				Expenditure For 50 Ha			
		Man days	Wages	Material Supply	Total	Man days	Wages	Material Supply	Total
	A. Pre Monsoon Works PPO/PYO								
1	a. Survey and demarcation	1.00	438.42	91.00	529.42	50.00	21921.00	4550.00	26471.00
	b. Preparation of Treatment maps (50M x100 M grid)	1.00	438.42	91.00	529.42	50.00	21921.00	4550.00	26471.00
	c) Digging trial pits of size 0.30x0.30x0.60 in corner of Grid.	0.40	175.37	0.00	70.1472	20.00	8768.40	0.00	8768.40
	(d) Fixing 60cm x 0.05cm x12cm 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	0.00	0.00	11250.00	11250.00
	(e) Clearing of bushes and preparation of site (As per requirement)	10.00	4384.20	91.00	43933	500.00	219210.00	4550.00	223760.00
2	Soil Conservation Measures including collection of rubbles from srea upto 30 M etc.	31.00	13591.02	0.00	421321.62	1550.00	679551.00	0.00	679551.00
3	Providing and fixing chain link fencing, 102 Rmt per ha (With one gate + two wickets gates for one site) (Rs.1494/- per Rmt of basic rate + 20% for transportation of ave. leadplus 20% for tribal/remote area (by tender process.) (Rs.1494+149+149=1792/- per Rmt (1.60 Rmt height with G.I. Chain link size 50mmx50m, 8 gauge thick and fixed 75mm above ground level complete as per SSR item No.1744 for 2017-18)	0.00	0.00	182865.60	182865.6	0.00	0.00	9143280.00	9143280.00
4	Alignment of pits at 3m x 3m spacement. 1111 pits per 100 pits 0.26 M.D, M/S 8.18 per 100 pits	2.78	1218.81	49.77	3438.055128	139.00	60940.38	2488.50	63428.88
5	Digging of pits of size 0.45 x 0.45 x 0.45 m (1111 pits per ha) 6.60 M.D per 100 pits.	73.33	32149.34	0.00	2357511	3666.50	1607466.93	0.00	1607466.93
6	Construction of 5.00 Rmt wide Inspection Path 1M.D. per 100 Rmt	1.00	438.42	0.00	438.42	50.00	21921.00	0.00	21921.00
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	328.82	25.00	271.61125	37.50	16440.75	1250.00	17690.75
8	Providing and fixing (4 feet x 3 feet) information board each per site	0.00	0.00	5000.00	5000	0.00	0.00	250000.00	250000.00
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.3.62 per plant)	46.71	20478.60	4825.46	961380.7819	2335.50	1023929.91	241273.00	1265202.91
	Total:-	167.97	73641.41	193263.83	3977514.08	8398.50	3682070.37	9663191.50	13345261.87
	Contingancy3%				119325.42				400357.86
	Labour Welfare 4%				159100.56				533810.47

S. No.	Pre Monsoon Operation	Expenditure per Ha				Expenditure For 50 Ha			
		Man days	Wages	Material Supply	Total	Man days	Wages	Material Supply	Total
2	Counting of survival percentage Grid wise and Species wise and to Note the same on Register in May and October.	2.00	876.84	25.00	708.08	100	43842.00	1250.00	45092.00
3	Fire tracing	2.00	876.84	0	683.08	100	43842.00	0.00	43842.00
	Total:-	40.50	17756.01	25.00	13857.37	2025.00	887800.50	1250.00	889050.50
	Contingancy3%			0.75	415.72				26671.52
	Labour Welfare 4%			1.00	554.29				35562.02
	Grand Total in Rs:-	40.50	17756.01	26.75	14827.39	2025.00	887800.50	1250.00	951284.04

	I.Eighth Year Operations								
1	Watch and ward 12 months 1 watcher per 10.00 ha	36.5	16002.33	0	12466.21	1825	800116.50	0.00	800116.50
2	Counting of survival percentage Grid wise and Species wise and to Note the same on Register in May and October.	2.00	876.84	25.00	708.08	100	43842.00	1250.00	45092.00
3	Fire tracing	2.00	876.84	0	683.08	100	43842.00	0.00	43842.00
	Total:-	40.50	17756.01	25.00	13857.37	2025.00	887800.50	1250.00	889050.50
	Contingancy3%			0.75	415.72				26671.52
	Labour Welfare 4%			1.00	554.29				35562.02
	Grand Total in Rs:-	40.50	17756.01	26.75	14827.39	2025.00	887800.50	1250.00	951284.04

	J.Nineth Year Operations								
1	Watch and ward 12 months 1 watcher per 10.00 ha	36.5	16002.33	0	12466.21	1825	800116.50	0.00	800116.50
2	Counting of survival percentage Grid wise and Species wise and to Note the same on Register in May and October.	2.00	876.84	25.00	708.08	100	43842.00	1250.00	45092.00
3	Fire tracing	2.00	876.84	0	683.08	100	43842.00	0.00	43842.00
	Total:-	40.50	17756.01	25.00	13857.37	2025.00	887800.50	1250.00	889050.50
	Contingancy3%			0.75	415.72				26671.52
	Labour Welfare 4%			1.00	554.29				35562.02
	Grand Total in Rs:-	40.50	17756.01	26.75	14827.39	2025.00	887800.50	1250.00	951284.04

	J.Tenth Year Operations								
1	Watch and ward 12 months 1 watcher per 10.00 ha	36.5	16002.33	0	12466.21	1825	800116.50	0.00	800116.50
2	Counting of survival percentage Grid wise and Species wise and to Note the same on Register in May and October.	2.00	876.84	25.00	708.08	100	43842.00	1250.00	45092.00
3	Fire tracing	2.00	876.84	0	683.08	100	43842.00	0.00	43842.00

S. No.	Pre Monsoon Operation	Expenditure per Ha				Expenditure For 50 Ha			
		Man days	Wages	Material Supply	Total	Man days	Wages	Material Supply	Total
	Total:-	40.50	17756.01	25.00	13857.37	2025.00	887800.50	1250.00	889050.50
	Contingancy 3%			0.75	415.72				26671.52
	Labour Welfare 4%			1.00	554.29				35562.02
	Grand Total in Rs:-	40.50	17756.01	26.75	14827.39	2025.00	887800.50	1250.00	951284.04

(Signature)

(Arvind R.Joshi)
Divisional Forest Officer (T)
Parbhani

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Abstract for Modal No 5


S. No.	Working Year	For One Ha				Other Expenses	Total amount	For 50 Ha					
		Man days	Wages	Material Supply	Total			Man days	Wages	Material Supply	Total	Other Expenses	Total amount
1	Pre Monsoon Operation	167.97	73641.41	193263.83	3977514.08	278425.99	4255940.06	8398.50	3682070.37	9663191.50	13345261.87	934168.33	14279430.20
2	First Year Operation	192.65	84461.61	61569.64	146031.25	10222.19	156253.44	9632.50	4223080.65	3078482.00	7301562.65	511109.39	7812672.04
3	Second Year Operation	162.36	71181.87	37824.06	101887.23	7132.11	109019.33	8118.00	3559093.56	1891203.00	5450296.56	381520.76	5831817.32
4	Third Year Operation	101.65	44565.39	17616.02	56642.78	3964.99	60607.78	5082.50	2228269.65	880801.00	3109070.65	217634.95	3326705.60
5	Fourth Year Operation	40.50	17756.01	25.00	13857.37	970.02	14827.39	1975.00	865879.50	1250.00	867129.50	60699.07	927828.57
6	Fifth Year Operation	40.50	17756.01	25.00	13857.37	970.02	14827.39	2025.00	887800.50	1250.00	889050.50	62233.54	951284.04
7	Sixth Year Operation	40.50	17756.01	25.00	13857.37	970.02	14827.39	2025.00	887800.50	1250.00	889050.50	62233.54	951284.04
8	Seventh Year Operation	40.50	17756.01	25.00	13857.37	970.02	14827.39	2025.00	887800.50	1250.00	889050.50	62233.54	951284.04
9	Eight Year Operation	40.50	17756.01	25.00	13857.37	970.02	14827.39	2025.00	887800.50	1250.00	889050.50	62233.54	951284.04
10	Nineth Year Operation	40.50	17756.01	25.00	13857.37	970.02	14827.39	2025.00	887800.50	1250.00	889050.50	62233.54	951284.04
11	Tenth Year Operation	40.50	17756.01	25.00	13857.37	970.02	14827.39	2025.00	887800.50	1250.00	889050.50	62233.54	951284.04
	Total:-	908.13	398142.35	310448.55	4379076.93	31348.27	479181.11	45356.50	19885196.73	15522427.50	35407624.23	2478533.70	37886157.93

Total value of the scheme comes to 3,78,86,157/-

In Words : Three Crore Seventy eight Lakhs Eighty six Thousand one hundred & Fifty seven Only

Date : /08/2023

Place : Parbhani


(Arvind R. Joshi)
Divisional Forest Officer (T)
Parbhani

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Employment likely to be generated

Employment Potential

A) Employment generation during Construction

i) Total cost of Project	Rs.	11509.89 Lakh
ii) Labour component 60%	Rs.	6905.934 Lakh
iii) Average earning of Labour	Rs.	620.13/- Head/day
iv) Employment generation		11,13,621 Mandays

Chart Showing employment generated by Detailed Project Report of Pune Ring Road, Urse to Paud Road to Khed Shivapur phase II (western part) Ta. Haveli Dist. Pune

	A) During construction (From start to completion of Western Ring road)		B) After Construction (For 60 Years of tenure)	
	Skilled	Unskilled	Skilled	Unskilled
	No of Persons per Day	No. of Persons per Day	No of Persons	No of Persons
Direct	540416	194575	1080832	1167450
Indirect	278395	100235	1391975	601410
Total	818811	294810	2472807	1768860


Executive Engineer,
MSRDC
Camp Office Pune