

Government of Maharashtra

By Speed Post

No. FLD-/C.R.406/F-10
Revenue and Forest Department,
Mantralaya, Mumbai- 400 032.
Date: 04.05.2023

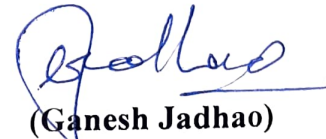
To,
Regional Officer (Central),
Integrated Regional Office,
Ministry of Environment, Forests & Climate Change,
Government of India,
Ground Floor, East Wing,
New Secretariat Building, Civil Lines,
Nagpur-440001.

Sub.:- Diversion of 1.0364 ha of Reserved Forest & Private Forest land in favour of National Highways Authority of India, Project Implementation Unit- Panvel for change of alignment for widening of 6/8 laning of NH-4B, SH-54 and Amra Marg on boundaries of proposed Navi Mumbai International Airport at Villages- Dapoli and Manghar. Taluka- Panvel, District- Raigad in the state of Maharashtra-regarding.

Ref: 1. Your Office Letter No. FC-I/MH-282/2022-NGP/10151, Dt.13.08.2022
2. APCCF & Nodal Officer Letter No. Desk-17/Nodal/Thane/ID-13254 (75) /309/2023-24, Dt.27.04.2023

Integrated Regional Office, MoEF&CC, Government of India has sought additional information with respect to proposal for diversion of 1.0364 ha of Reserved Forest & Private Forest land in favour of National Highways Authority of India, Project Implementation Unit- Panvel for change of alignment for widening of 6/8 laning of NH-4B, SH-54 and Amra Marg on boundaries of proposed Navi Mumbai International Airport at Villages- Dapoli and Manghar. Taluka- Panvel, District- Raigad.

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

Encl: As above.

Copy to:

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

**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/Thane/ID-13254(75)/309 /2023-24

Nagpur – 440 001, Date : 27/04/2023

To,
The Principal Secretary (Forests),
Revenue and Forest Department,
Mantralaya, Mumbai -32

Sub :- Diversion of 1.0364 ha of Reserved Forest & Private Forest land in favour of National Highways Authority of India, Project Implementation Unit- Panvel for change of alignment for widening of 6/8 laning of NH-4B, SH-54 and Amra Marg on boundaries of proposed Navi Mumbai International Airport at Villages- Dapoli and Manghar, Taluka- Panvel, District- Raigad in the state of Maharashtra-regarding.

- Ref-**
- 1) Government of India, MoEF&CC, Integrated Regional Office, Nagpur vide letter No. F.No. FC-I/MH-282/2022-NGP/10151, dated 13/08/2022.
 - 2) The Chief Conservator of Forests (T), Thane letter No. Desk-10/FCA/CR.34/21-22/39, dated 19/04/2023.


Ministry of Environment, Forest and Climate Change, Government of India, Regional Office, Nagpur vide letter under reference No.1 has sought compliance on 07 points. Accordingly, the Chief Conservator of Forests (T), Thane vide letter under reference No. 2 has submitted the compliance of shortcoming in this regard to this office. The compliance report as desired by Government of India vide letter dt.13/08/2022 is submitted as under:-

| No. | Points | Compliance |
|------|---|---|
| i. | Hard copy of Part- I is not submitted along with the proposal. Hard copy of Part- I mentioning name of signing authority and date of submission shall be submitted by the User Agency | Revised copy of Part- I mentioning name of signing authority and date of submission is enclosed herewith as (Annexure No.I) |
| ii. | Hard copy of Part- II is not submitted along with the proposal nor it is uploaded on Parivesh portal. Hard copy of Part- II mentioning name of concerned DCF and date of submission shall be uploaded on Parivesh portal and copy of the same shall also be submitted to this office. | Revised copy of Part- II mentioning name of concerned DCF and date of submission is enclosed herewith as (Annexure No.II) |
| iii. | DCF, Alibag has mentioned in his certificate that there is violation of Forest (Conservation) Act, 1980. Detailed violation report is not submitted along with the proposal. Detailed violation report along with action taken on officers responsible for violation needs to be submitted by the State Government. | Detail violation report is enclosed herewith as (Annexure No.III) |
| iv. | It has been mentioned that proposed project is within 10 Km from Kamala Bird Sanctuary. Exact distance from Kamala Bird Sanctuary along with 10 Km radius | The proposed project area is about 8.0350 Km from Kamala Bird Sanctuary the distance showing on index map is enclosed herewith as (Annexure No.IV) |

| | | |
|------|---|--|
| | map duly approved by DCF concerned shall be submitted by the State Government. | |
| v. | Deputy Conservator of Forests, Alibag has mentioned in his Part- II that the proposed area is the barest minimum. However certificate to this effect has not been submitted by DCF concerned. The same needs to be submitted. | The copy of the barest minimum demand duly signed by the Deputy Conservator of Forests, Alibag Forest Division, Alibag is enclosed herewith as (Annexure No.V) |
| vi. | Examination of CA scheme submitted along with the proposal, it was observed that provision for fencing of CA land is not included in CA scheme. Further, activities to be carried out in first year is not included in the CA scheme submitted along with the proposal. Revised and complete CA scheme including provisions for fencing of CA land shall be submitted by the State Government | Revised and complete CA scheme including provisions for fencing of CA land is enclosed herewith as (Annexure No.VI) |
| vii. | 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 User Agency has submitted 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 No.VII) |

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.


(Dr.Kumaraswamy S.R)
Deputy Conservator of Forests
(Forest Conservation)

Copy to the Chief Conservator of Forests (T), Thane for information.
Copy to the Deputy Conservator of Forests, Alibag Forest Division, Alibag for information.
Copy to the Project Director, National Highway Authority of India, Project Implementation Unit, Panvel for information.

दुरध्वनी क्रमांक 25329642-022 -

/25329865 /

फॅक्स 25329912-022 -

Email:

ccftthane@mahaforest.gov.in /

ccftthane@gmail.com



महाराष्ट्र शासन

वनविभाग

मुख्य वनसंरक्षक (प्रा.) ठाणे, वनवृत्त, ठाणे यांचे कार्यालय

मायक्रो वेव्ह टॉवर, बारा बंगला एरिया, कोपरी पूर्व ठाणे, पिन 400603-

जा.क्र.कक्ष-१०/वसं/प्र.क्र.३४/(२१-२२)/ 39 /२३-२४

दिनांक - 19/०४/२०२३

पत्र

प्रति,

अपर प्रधान मुख्य वनसंरक्षक व केंद्रस्थ अधिकारी,
महाराष्ट्र राज्य, नागपूर.

विषय :- वन जमिन - रायगड.

राष्ट्रीय महामार्ग क्र.४बी व ३४८ (जुना रा.मा. क्र.५४ व आमरा मार्ग) मधील पुरवणी १.०३६४ हेक्टर वनजमिन मागणी प्रस्ताव.

संदर्भ :- १) केंद्रशासन पत्र क्र.FC-I/MH-282/2022-NGP/10151, दि.१३.०८.२०२२.

२) आपले पत्र क्र.कक्ष-१७/नोडल/ठाणे/आयडी-१३२५४(७५)/१२८९, दि.२२.०८.२०२२.

३) उपवनसंरक्षक अलिबाग यांचेकडील पत्र क्र.अ/२०/जमिन/वसं/११०, दिनांक १२.०४.२०२३.

विषयांकित प्रस्ताव उपवनसंरक्षक अलिबाग यांचे कार्यालयाकडून कार्यान्वित आहे. सदर प्रस्ताव विहीत मार्गाने केंद्रशासनास सादर झाल्यानंतर केंद्रशासनाकडील संदर्भित पत्रान्वये १ ते ७ मुद्द्यांवर त्रुटी उपस्थित करून पूर्तता अहवाल सादर करणे बाबत कळविले होते.

त्या अनुषंगाने उपवनसंरक्षक अलिबाग यांचेकडून संदर्भित पत्र क्र.३ अन्वये पूर्तता अहवाल प्राप्त झाला आहे. सदर पूर्तता अहवालाच्या तीन प्रती पुढील आवश्यक त्या कार्यवाहीस्तव सोबत जोडून सादर करण्यात येत आहेत.

सहपत्र :- वरीलप्रमाणे.

K-P-
19/4/23

(के. प्रदिपा)

मुख्य वनसंरक्षक (प्रा.) ठाणे.

प्रतिलिपी :- उपवनसंरक्षक अलिबाग माहिती व आवश्यक त्या कार्यवाहीस्तव अग्रेषित.

प्रतिलिपी :- मुख्य व्यवस्थापक (तांत्रिक) व प्रकल्प संचालक, राष्ट्रीय महामार्ग प्राधिकरण, पी.आय.यु. पनवेल सर्व्हे क्र.६३, एनएच-४बी, डी. पॉईंट, चिंचपाडा - कळंबोली बायपास रोड, पनवेल यांना माहिती व आवश्यक त्या कार्यवाहीस्तव अग्रेषित.

421
26/4/23

Sheetal Raut/886) 1.0364 ha. Realignment



महाराष्ट्र शासन

उपवनसंरक्षक, अलिबाग यांचे कार्यालय, अलिबाग

"वृक्षवल्ली आम्हा सोयरे वनचरे"

मु.पो.हिराकोट तलावाजवळ अलिबाग ता.अलिबाग जि.रायगड पी.नं. 402 201

दूरध्वनी क्र 02141-222016/222216 Email ID: dycfalibag@mahaforest.gov.in

जावक क्रमांक: अ/20/जमिन/व.सं/ 1) D /2022-23.

दिनांक: 2/04/2023.

प्रति,

मुख्य वनसंरक्षक,
ठाणे.

विषय:- वन जमिन रायगड.

राष्ट्रीय महामार्ग क्र. 4बी व 348 (जुना रा. मा. 54 व आमरा मार्ग) मधील पुरवणी 1.0364 हे. वनजमिन मागणी प्रस्ताव.....

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण.

- संदर्भ:-
- 1) केंद्रशासनाकडील पत्र क्र. एफसी-1/एमएच-282/2022-एनजीपी/10151, दिनांक 13/08/2022. (दिनांक 02/9/2022 रोजी प्राप्त)
 - 2) अपर प्रधान मुख्य वनसंरक्षक व केंद्रस्थ अधिकारी, नागपुर यांचेकडील पत्र क्र. कक्ष-17/नोडल/ठाणे/आयडी-13254(75)/1289, दिनांक 22/08/2022
 - 3) मुख्य वनसंरक्षक, ठाणे यांचेकडील पत्र क्र. कक्ष-10/वसं/सी.आर/34/21-22/300, दिनांक 07/09/2022
 - 4) या कार्यालयाकडील पत्र क्र. ब/20/जमिन/1963, दिनांक 06/09/2022.
 - 5) प्रकल्प यंत्रणेकडील पत्र क्रमांक NHI/MJPRCL/PIU/Panvel/2022-23/896, दिनांक 12/10/2022.
 - 6) या कार्यालयाचे पत्र क्र.ब/20/जमीन/व.सं./2426, दिनांक 19/10/2022
 - 7) या कार्यालयाचे पत्र क्र.ब/20/जमीन/व.सं./3477, दिनांक 10/01/2023
 - 8) प्रकल्प यंत्रणेकडील पत्र क्रमांक NHI/MJPRCL/PIU/Panvel/2022-23/1608, दिनांक 09/03/2023.

केंद्र शासनाकडील संदर्भित पत्र क्र. 1 अन्वये राष्ट्रीय महामार्ग क्र. 4बी व 348 (जुना रा. मा. क्र. 54 व आमरा मार्ग) मधील पुरवणी 1.036 हे. वनजमिन मागणी प्रस्तावात 1 ते 7 त्रुटी उपस्थित करणेत आल्या आहेत. त्यानुसार संदर्भित पत्र क्र. 2 व 3 अन्वये सदर मुददयांचा पूर्तता अहवाल सादर करणेबाबत कळविणेत आले आहे.

त्याअनुषंगाने संदर्भित पत्र क्र. 4 अन्वये प्रकल्प यंत्रणेस सदर मुददयांची पूर्तता करून अहवाल सादर करणेबाबत कळविणेत आले होते. त्यानुसार प्रकल्प यंत्रणेकडील संदर्भित पत्र क्र. 5 अन्वये त्रुटी पूर्तता अहवाल या कार्यालयास सादर करणेत आलेला आहे. सदर मुददयांतील काही मुददयांची न केल्याने संदर्भित पत्र क्र. 6 व स्मरणपत्र क्र. 7 अन्वये 3 त्रुटी उपस्थित करून परिपूर्ण पूर्तता अहवाल सादर करणेबाबत प्रकल्प यंत्रणेस कळविणेत आले आहे.

प्रकल्प यंत्रणेकडील संदर्भित पत्र क्र. 8 अन्वये पूर्तता अहवाल सादर करणेत आलेला आहे. तरी त्यानुसार खालील प्रमाणे पूर्तता अहवाल सादर करणेत येत आहे.

| अ.नं. | काढणेत आलेल्या त्रुटी | त्रुटींची केलेली पुर्तता |
|-------|--|--|
| 1 | Hard copy of Part -I is not the proposal. Hard copy of Part-I mentioning name of signing authority and date of submission shall be submitted by the user agency | Part I prepared by the project authority and hard copy of the same submitted herewith. |
| 2. | Hard copy of Part-II is not submitted along with the proposal nor it is uploaded on Parivesh Portal. Hard copy of Part-II mentioning name of concerned DCF and date of submission shall be uploaded on Parivesh Portal and copy of the same shall also be submitted to this office. | Part II prepared by Deputy Conservator of Forests, Alibag and uploaded on Parivesh portal and hard copy of the same submitted herewith. |
| 3. | DCF, Alibag has mentioned in his certificate that there is violation of Forest (Conservation) Act, 1980. Detailed violation report is not submitted along with the proposal. detailed violation long with action taken on officers responsible for violation needs to be submitted by the State Government. | Detailed violation note had been submitted parivesh portal in proposal. Project Authority is submitted fresh violation note which is submitted for necessary action. |
| 4. | It has been mentioned that proposed project is within 10 Km from Karnala Bird Sanctuary. Exact distance from Karnala Bird Sanctuary alongwith 10 Km radius map duly approved by DCF concerned shall be submitted by the State Government. | The Project area is about 8.0350 Km from Karnala Bird Sanctuary on the index map submitted by the project authority is submitted herewith. |
| 5. | Deputy Conservator of Forests, Alibag has mentioned in his Part-II that the proposed area is the barest minimum. However, certificate to this effect has not been submitted by DCF concerned. The same needs to be submitted. | The proposed area is barest minimum. Regarding this necessary certificate is submitted for necessary action. |
| 6. | Examination of CA scheme submitted alongwith the proposal. It was observed that provision for fencing of CA land is not included in CA Scheme. Further, activities to be carried out in first year is not included in the CA scheme submitted alongwith the proposal. Revised and complete CA scheme including provisions for fencing of CA land shall be submitted by the State Government. | Revised and complete Compensatory afforestation scheme with fencing is submitted herewith for necessary action. |
| 7. | Details of employment potential in terms of man days of skilled, semiskilled and unskilled person on permanent (direct and indirect) and temporary (direct and indirect) basis have not been provided. | The certificate submitted by the project authority is attached herewith for necessary action. |

सोबत वरील प्रमाणे दस्तऐवजांसह 4 प्रतीत प्रस्ताव सादर केला आहे, तरी पुढील कार्यवाही होणेस विनंती आहे.

(आशिष ठाकरे, भा.व.से.)

उप वनसंरक्षक,

अलिबाग.

सहपत्र:- वरील प्रमाणे.

प्रतिलिपी:- अपर प्रधान मुख्य वनसंरक्षक व केंद्रस्थ अधिकारी, म.रा. नागपुर यांचेकडे माहितीसाठी सादर.

प्रतिलिपी:- मुख्य व्यस्थापक (तांत्रिक) व प्रकल्प संचालक, राष्ट्रीय महामार्ग प्राधिकरण, पीआय-पनवेल, सर्व्हे नंबर 63, एनएच-4बी, डी-पाईट, चिंचपाडा-कळंबोली बायपास रोड, पनवेल यांना माहितीसाठी रवाना.

मुंबई जेएनपीटी पोर्ट रोड कंपनी लिमिटेड
(भारतीय राष्ट्रीय राजमार्ग प्राधिकरण का संयुक्त उपक्रम)

(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

MUMBAI JNPT PORT ROAD COMPANY LIMITED

(A SPV of National Highways Authority of India)

(Ministry of Road, Transport and Highways, Government of India)

परियोजना कार्यालय इकाई - पनवेल Project Implementation Unit - Panvel

सर्क नं.63, एनएच 4 बी "डी" पॉइंट, चिंचपाडा-कलंबोली बायपास रोड, पनवेल - 410 206.

Survey No.63, "D" Point on NH-4B, Chinchpada - Kalamboli Bypass Road, Panvel - 410 206.

ई-मेल / E-mail : piupanvel@nhai.org / piupanvel@gmail.com / वेबसाइट / website : www.nhai.gov.in CIN No.: U74899 DL 2000 PLC 109016

NHAI/MJPRCL/PIU/Panvel/2022-23/ 1608

Date: 09.03.2023

To,

✓ The Dy. Conservator of Forest,
Alibaug Forest Division,
Near Hirakot Lake,
At/Post - Alibag, District - Raigad
Pin - 402 201, Maharashtra.

Sub: Diversion of 1.0364 Ha. of Reserved Forest and Private Forest land in favour of National Highways Authority of India, Project Implementation Unit-Panvel for change of alignment for widening of 6/8 laning of NH-4B, SH-54 and Amra Marg on boundaries of proposed Navi Mumbai International Airport at Villages-Dapoli and Manghar, Taluka-Panvel, District-Raigad in the State of Maharashtra. -Reg.

Ref: DCF, Alibag Letter no. 2416 dated 09.10.2022.

Sir,

Please refer to your office Letter no. 2416 dated 09.10.2022 conveying observations on the proposal for diversion of Forest land (1.0364 Ha). The para wise compliance of the same are tabulated as below: -

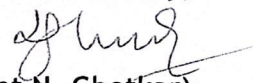
| Sr. No. | Observations | Compliance |
|---------|--|---|
| 1. | Hard copy of Part-I is not submitted along with the proposal. Hard copy of Part-I mentioning name of signing authority and date of submission shall be submitted by the User Agency. | The Hard copy of offline Form A Part-I is enclosed as Annexure A. |
| 3. | DCF, Alibag has mentioned in his certificate that there is violation of Forest (Conservation) Act, 1980. Detailed violation report is not submitted along with the proposal. Detailed violation report along with action taken on, officers responsible for violation needs to be submitted by the State Government. | Detailed violation report is submitted as Annexure -B. |
| 7. | Details of employment potential in terms of man days of skilled, semiskilled and unskilled person on permanent (direct and indirect) and temporary (direct and indirect) basis have not been provided. | Details of employment potential in terms of man days is enclosed as Annexure - C. |



68

In view of above the compliance report of said observations is submitted herewith for further necessary action.

Yours faithfully,



(Yeshwant N. Ghotkar)
GM (Tech) & Project Director
PIU - Panvel

Encl: As Above.

Copy to: CCF (Thane) - for kind information.

Annexure -A

Form for seeking prior approval under section 2 of the proposal by the State Government & other authorities

PART-I
(To be filled up by the user agency)

| Sr. no. | Description | Comments |
|---------|--|---|
| 1 | Project Details | |
| i | Short narrative of the proposal project scheme for which the forest land acquired | This proposal is for diversion of 1.0364 Ha. of Reserved Forest and Private Forest land in favour of National Highways Authority of India, Project Implementation Unit-Panvel for change of alignment for widening of 6/8 laning of NH-4B, SH-54 and Amra Marg on boundaries of proposed Navi Mumbai International Airport at Villages-Dapoli and Manghar, Taluka-Panvel, District-Raigad in the State of Maharashtra. |
| ii | Map showing the required forest land boundary of adjoining forest on a 1:50,000 scale map. | A map showing the project road and forest area in the vicinity is enclosed herewith (Appendix - 1) |
| iii | Cost of project | Detailed cost of the project has been worked out which includes all activities associated with the implementation of the proposed project estimated cost Rs. 594.70 Cr. |
| iv | Justification for locating the project in forest area. | The proposed project is essentially for Highway upgrading project and involves widening of the existing road & road side trees along fall under protected forest category which are to be cut in order to widen the road to 6/8 lane facility. |
| v | Cost benefits analysis | Not applicable |
| vi | Employment likely to be generated | The proposed project will generate employment opportunities for the local people during construction as well as operation phase. The construction will require about 200 to 400 full time workers / operators for a period of about 2 years it is proposed to employ local people to the maximum extent possible. In addition, future included development of the area would result in industrialization of the region and would generate more opportunities of employment for the people of the region. Details enclosed as Annexure C |
| 2 | Purpose-wise break-up of the total land required. | Attached separately (Appendix - 2) |
| 3 | Details of displacement of people due to the project, if any | NIL |

| | | |
|---|--|-------------------------------------|
| 4 | Whether clearance under Environment (Protection) Act. 2006 required (Yes/No) | No |
| 5 | Undertaking to bear the cost of rising and maintenance of compensatory afforestation and/or panel compensatory afforestation as well as cost for protection & regeneration of safely zone etc. as per the scheme prepared by the State Government (undertaking to be enclosed) | Attached separately as Appendix - 3 |
| 6 | Details of certificate/ documents enclosed as required under the instructions. | Enclosed. |

Place: Panvel

Date: 09.03.2023


PROJECT DIRECTOR
MUMBAI-JNPT PORT ROAD COMPANY LIMITED
PROJECT IMPLEMENTATION UNIT - PANVEL

Annexure-B

Report regarding violation of forest (conservation) Act 1980 for the consideration of the committee constituted under the chairmanship of the Chief Secretary vide G.P. No. FLD. 1089/475/part 2/F.10 dated 2nd December, 1991.

| | | |
|---|---|--|
| 1 | Name of the Agency | National Highways Authority of India Project Implementation Unit-Panvel |
| 2 | Name of the Project | Widening of existing NH-4B, SH-348 (Previous Sh-54 and Amra Marg) to 6/8 lanes on the boundaries of proposed Navi Mumbai International Airport and JNPT. - Diversion of 1.036 Ha Forest Land. |
| 3 | A) Whether the project is under EGS of Plan | - |
| 4 | Location a) F.S. No./Compt.No. a) Village b) Taluka c) District | Village-Manghar, S.no. 80 - Forest area- 0.388 Village- Dapoli S. No. 104 - Forest area- 0.598 S. No. 102/4 - Forest area- 0.050 Total - 1.036 Taluka- Panvel District- Raigad |
| 5 | No. and Date of Technical Sanction | - |
| 6 | No. and Date of Administrative approval | - |
| 7 | Period of work on forest land a) Date of starting the work b) Date of stopping the work | 2017-18 |
| 8 | Period of work on non forest land a) Date of starting the work b) Date of stopping the work | 2017-18 |

9) Details of work done on forest area:

| Sr. No. | Item | Forest land involved in the item | Extent of work done in violation on forest land | Amount sanctioned on the item started cost | Amount spend on violation on item no. 2 | Remark |
|---------|---------------------------------|----------------------------------|---|--|---|--------|
| 1 | Construction of road and bridge | 1.036 Ha | 1.036 Ha | 5.11 Cr | NA | |

10) Details of work:

| Work on | Item of work | Quantity | Expenditure | Period of work done |
|------------------------|---------------------------------|-----------|-------------|---------------------|
| A) For forest land | Construction of road and bridge | 1.036 Ha | 5.11 Cr | 2017-18 |
| B) For non forest land | | 119.55 Ha | 589.59 Cr | |

11) Name of officers responsible for violation:

| Name of agency | Designation | Period of violation |
|-----------------------------------|-------------|---------------------|
| M/s. J. Kumar - J. M. Mhatre (JV) | Director | In the year 2017-18 |
| M/s. FP Project Management | Team Leader | In the year 2017-18 |

| | | |
|-----|---|---|
| 12 | Whether the violation case fits No. In the criteria's specified in the C.R.T. 7 & F.D. 1089/G.R. 475/ part 2/F-10 dated 21/09/1991 | No |
| a) | If yes in which para | - |
| b) | If not why? | MoEF has already conveyed Stage - I approval for Diversion of 24.3986 ha of Mangrove Forest, Reserved Forest, Protected Forest and restored Private Forest Land in favour of NHAI for Widening of 6/8 Laning of NH 4B, SH-54 and Amra Marg on boundaries of proposed Navi Mumbai International Airport in the state of Maharashtra to be executed EPC mode. It is to mention that 3 survey numbers were inadvertently missed in the proposal. |
| 13) | Action proposed by the Agency against Officers responsible for violation | Not required Work of widening on forest area inadvertently carried out by the contractor due to devoid of marking of forest area on ground, presuming the area seems to be of acquired area for widening of road. An offence has been registered by the local forest officials against the responsible contractor for violation (1) M/s. J. Kumar - J. M. Mhatre (JV) and (2) M/s. FP Project Management. The user agency has accepted the violation and agreed to bear the cost of penal compensatory afforestation as directed by the Forest department. An undertaking in this regard is annexed herewith. (Appendix 3) |


PROJECT DIRECTOR
 MUMBAI-JNPT PORT ROAD COMPANY LIMITED
 PROJECT IMPLEMENTATION UNIT - PANVEL

43

Enclosed herewith the following documents:

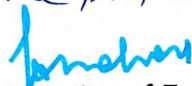
- 1) Notice issued to the Authority Engineer and agency.
- 2) Clarification submitted by the Authority Engineer and agency.
- 3) Undertaking to bear the cost of rising and maintenance of compensatory afforestation and/or panel compensatory afforestation as well as cost for protection & regeneration of safely zone etc.

It is certified that the information in forgoing paras is certified by me and found correct.


GM (Tech) & Project Director
PROJECT DIRECTOR
MUMBAI-JNPT PORT ROAD COMPANY LIMITED
PROJECT IMPLEMENTATION UNIT - PANVEL

Deputy Conservator of forests remarks as to whether he agrees with the above details:

yes, as per violation note attached in the proposal file


Deputy Conservator of Forests,
Alibag
Deputy Conservator of Forests

Remarks of Chief Conservator of Forests: *The project is recommended for approval subject to 1) Penal actions as provided in IFA 1927 PC Act 1980 and rules there is and 2) compliance of all conditions that will be stipulated by IRO, MOEF & CC Govt. of India.*


Chief Conservator of Forests,
Thane

Remarks of Principal Chief Conservator of Forests:

Principal Chief Conservator of Forests
Maharashtra State Nagpur

Diversion of 1.0364 Ha. of Reserved Forest and Private Forest land in favour of National Highways Authority of India, Project Implementation Unit-Panvel for change of alignment for widening of 6/8 laning of NH-4B, SH-54 and Amra Marg on boundaries of proposed Navi Mumbai International Airport at Villages-Dapoli and Manghar, Taluka-Panvel, District-Raigad in the State of Maharashtra.

Details of employment potential in terms of man days

(a) During the Construction, following man days of employment will be generated:

| | |
|------------------------------|------------|
| (i) Skilled Employment- | 200 |
| (ii) Semiskilled Employment- | 300 |
| (iii) Unskilled Employment- | <u>500</u> |
| | 1000 |

(b) During the operation of this project following man-days of employment will be generated.

| | |
|------------------------------|------------|
| (i) Skilled Employment- | 50 |
| (ii) Semiskilled Employment- | 75 |
| (iii) Unskilled Employment- | <u>195</u> |
| | 320 |

In addition, future included development of the area would result in industrialization of the region and would generate more opportunities of employment for the people of the region.


(Yeshwant N. Ghotkar)
GM (Tech) & Project Director
PIU - Panvel
PROJECT DIRECTOR
MUMBAI-JNPT PORT ROAD COMPANY LIMITED
PROJECT IMPLEMENTATION UNIT - PANVEL

(Appendix - 2)

Purpose-wise break-up of the total land required for widening of 6/8 laning of NH-4B, SH-54 and Amra Marg on boundaries of proposed Navi Mumbai International Airport at Villages-Dapoli and Manghar, Taluka-Panvel, District-Raigad in the State of Maharashtra

| Sr. no. | Village name | Survey no. | for the purpose of upgradation of existing 4 lane Highway to 6/8 laning of NH-4B, SH-54 and Amra Marg on boundaries of proposed Navi Mumbai International Airport | |
|---|--------------|------------|---|-------------|
| | | | Area in Sq.m | Area in Ha. |
| 1 | Dapoli | 104 | 5984 | 0.5984 |
| | | 102/4 | 500 | 0.0500 |
| 2 | Manghar | 80 | 3880 | 0.3880 |
| Total forest area affected in the project | | | 10364 | 1.0364 |


PROJECT DIRECTOR
 MUMBAI-JNPT PORT ROAD COMPANY LIMITED
 PROJECT IMPLEMENTATION UNIT - PANVEL


Undertaking

Diversion of 1.0364 Ha. of Reserved Forest and Private Forest land in favour of National Highways Authority of India, Project Implementation Unit-Panvel for change of alignment for widening of 6/8 laning of NH-4B, SH-54 and Amra Marg on boundaries of proposed Navi Mumbai International Airport at Villages-Dapoli and Manghar, Taluka-Panvel, District-Raigad in the State of Maharashtra.

The Project Authority undertakes to bear the cost of rising and maintenance of compensatory afforestation and/or panel compensatory afforestation as well as cost for protection & regeneration of safely zone etc. as per the scheme prepared by the State Government

Place: Panvel

Date: 09.03.2023


(Yeshwant N. Ghotkar)
GM (Tech) & Project Director
PIU - Panvel
PROJECT DIRECTOR
MUMBAI-JNPT PORT ROAD COMPANY LIMITED
PROJECT IMPLEMENTATION UNIT - PANVEL

मुंबई जेएनपीटी पोर्ट रोड कंपनी लिमिटेड

(भारतीय राष्ट्रीय राजमार्ग प्राधिकरण का संयुक्त उपक्रम)

(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

MUMBAI JNPT PORT ROAD COMPANY LIMITED

(A SPV of National Highways Authority of India)

(Ministry of Road, Transport and Highways, Government of India)

परियोजना कार्यान्वय इकाई - पनवेल Project Implementation Unit - Panvel

सर्किल नं. 63, एनएच 4 बी "डी" पॉइन्ट, चिंचपाडा-कळंबोली बायपास रोड, पनवेल - 410 206.

Survey No.63, "D" Point on NH-4B, Chinchpada - Kalamboli Bypass Road, Panvel - 410 206.

ई-मेल / E-mail : piupanvel@nhai.org / piupanvel@gmail.com / वेबसाइट / website : www.nhai.gov.in CIN No.: U74899 DL 2000 PLC 109016

NHAI/MJPRCL/PIU/Panvel/2017/2399

Date: 15.11.2017

To,

| | |
|--|---|
| M/s. J. Kumar & J. M. Mhatre (JV) 16/A Andheri Industrial Estate, Veera Deasai Road, Andheri West, Mumbai- 400 053. | M/s FP Project Management (I) Pvt. Ltd., SM Developers, Flat No.1101 & 1102 Plot No.90, Sector 20, Ulwe, Navi Mumbai-410206. |
|--|---|

Sub: Construction of Gavan Phata Interchange (From Km 14.740 to Km 15.894 of NH-4B, From Km 13.160 to Km 14.880 of NH-348 (old SH-54) & from Km 5.360 to Km 6.785 of Amra Marg) and NH-4B (From Km 6.073 to Km 14.740 and from Km 15.894 to Km 21.200) in the state of Maharashtra on EPC mode. - Package - II.

- Construction of road in Forest area. - Reg.

Sir,

With referene to the above subject, it is to informed that, some of the length of above subjected stretch (at km. 18.250 to Km. 18.350 and Km. 20.300 to Km. 20.550) is passing through Forest Area. As per violation report of DCF, Alibaug office it is found that, some work has been done in forest area without prior permission of Forest Department and working in forest area without prior permission is an offence.

In this context, it is instructred to submit your say within 7 days, that, why appropriate action as per FC Act 1980 can't be taken against you.

Also, it is strictly instructed not to do any construction activity in forest area till Working Permission granted by Forest Department otherwise action will be taken against you as per MICR Rules 1979.

Yours faithfully,



(Prashant J. Fegade)
GM (Tech) & Project Director
PIU-Panvel

FP Project Management

Formerly Frischmann Prabhu (India) Private Limited

Project Office: SM Developers, Flat No.: 1101 & 1102, Plot No.: 90,
Sector 20, Ulwe, Navi Mumbai - 410 206, (MH).

Email: fpjnpt123@gmail.com www.fpindia.com

Ref: FP/165019/NHAI/08/762

Date: 20th November, 2017

To,
The Project Director,
National Highways Authority of India
'D' Point on NH-4B
PIU, Panvel, Dist.- Raigad-410206 (MH)

Sub: Construction of Gavan Phata Interchange (from km.14.740 to km.15.894 of NH-4B, from km.13.160 to km.14.880 of NH- 348 old SH-54) and from km.5.360 to km.6.785 of Amra Marg) and NH-4B (from km.6.073 to km.14.740 and from km.15.894 to km.21.200) in the state of Maharashtra on EPC mode- **Construction of road in Forest area. - Reg.**

Ref: NHAI/MJPRCL/PIU/Panvel/2017/2399

Dated:- 15.11.2017

Dear Sir,

With reference to the above subject and letter under reference, it is to inform you that the DPR (Detailed Project Report) of the above subjected work was prepared by M/s. STUP Consultant Pvt. Ltd. No forest in the stretch from km. 18.250 to Km. 18.350 and from Km. 20.300 to Km. 20.550 was shown in the DPR. Also, as per Contract Agreement provided to us and EPC Contractor, no forest area is shown in the above said stretches.

We as a supervision consultant were not aware of that some of the length of above mentioned stretch is passing through Forest area. Unknowingly some works were done by EPC Contractor.

When we came to know such thing, we have asked to the EPC Contractor to stop the work & strictly instructed not to do any construction activity in forest area till Working Permission is granted by the Forest Department.

Hence, it is requested kindly not to take any action as per MICR Rules 1979.

Thanking and assuring you of our best services.

Yours Sincerely
For FP India Management Consultancy Services Pvt. Ltd.

P.K.Rathi
(P.K.Rathi)
Team Leader

cc. Director- FP Project Management

FP Project Management is the trading name of FP India-Project Management Consultancy Services Pvt. Ltd. based in Mumbai, with offices in India.
FP Project Management is part of the Pell Frischmann group of companies, with offices in UK, India, UAE, Qatar, Philippines, Iraq and Romania.

Registered Office:
315 Balgovind Wadi, New Prabhadevi Road,
Prabhadevi, Mumbai 400 025, India.
Tel: +91-22-6660 3901 Fax: +91-22-6660 3902
E-mail: pfmumbai@fpindia.com
CIN: U45200MH1995PTC085521



J. KUMAR – J.M.MHATRE (JV)

16-A, Andheri Industrial Estate, Veera Desai Road, Andheri West, Mumbai 400 053
Phone: 022-67743555 / 022-26730291 * Fax # 022-26730814 * Email ID: info@jkumar.com

36

JKIL-JMM (JV)/Pkg-II/2017/914

Date: 20th November 2017

To,
The GM (Tech) & Project Director,
NHAI PIU-Panvel,
Survey no.63, "D" Point on NH-4B,
Chinchpada-Kalamboli Bypass Road,
PANVEL. 410 206.
Phone no. 022-65140506

Kind Attention: Mr. Prashant J. Fegade. Project Director.

Sub: - Package-II- Construction of Gavhanphata Interchange (from Ch. 14.740 to Km.15.894 of NH-4B, Km. 13.160to Km. 14.880 of NH-348 (Old SH-54) and from Km. 5.360 to Km. 6.785 of Amra Marg) and NH-4B (from 6.073 to Km. 14.740 and from Km. 15.894 to Km. 21.200 in the state of Maharashtra on EPC mode.- Regarding Construction of Road in Forest Area.

Dear Sir,

This work awarded by MJPRCL to us on dated 16.05.2016. We started the work immediately. When DCF office Alibaug visited site, they found some violation occurred in stretches Ch. (at km 18.250 to km 18.350 and km 20.300 to km 20.550) of existing NH-4B.

As per DPR (Detail Project Report) for above subjected work prepared by M/S. Stup Consultant Pvt. Ltd. there is no forest in this stretch.

We are not aware of that some length of above subjected stretch is passing through forest Area. Unknowingly some work done by us in this stretch.

When MJPRCL asks us to stop the work in forest area, we immediately stop the work as per the instructions until the forest permission will come.

Hence it is kindly requested not to take any action as per MICR rules 1979.

Thanking you and assuring you of the best of our services at all times.



Bharani Kumar
Authorized signatory

For. J. Kumar – J.M. Mhatre (JV).

CC: 1] Mr. P.K Rathi – Team Leader Frischman Prabhu (India) Pvt Ltd.

Location of the project/Scheme:

| | | |
|------|--|--|
| i | <u>State/Union Territory</u> | MAHARASHTRA STATE |
| ii | Forest Division | Alibag Forest Division, Alibag |
| iii | District | Raigad |
| iv | Area of forest land proposed for diversion (in ha.) | 1.0364 ha. Reserved Forest land of village Dapoli and Manghar, Tal. Alibag in Raigad District, Maharashtra |
| v | Legal status of forest | Reserved Forest land. |
| vi | Density of Vegetation | The density is 0.1 |
| vii | Species-wise (scientific names) and diameter class-wise enumeration of trees (to be enclosed. In case of irrigation / hydel projects enumeration at FRL, FRL-2 meter & FRL-4 meter also to be enclosed.) | Nil. |
| viii | Brief note on vulnerability of the forest area to erosion | The project area is not vulnerable to erosion. |
| ix | Approx. distance of proposed site for diversion from boundary of forest | Proposed site is in Protected Forest. |
| x | Whether forms part of National Park, wildlife sanctuary, biosphere reserve, tiger reserve, elephant corridor, etc. (If so, the details of the area and comments of the Chief Wildlife Warden to be annexed). | The forest area doesn't form part of National Park, wildlife sanctuary, biosphere reserve, tiger reserve, elephant corridor. The distance from nearest protected area i.e. Karnala Bird Sanctuary is 8.0350 KM and 0.780 KM ESZ of Karnala bird Sanctuary. |
| xi | Whether any rare / endangered/ unique species of flora and fauna found in the area if so, detail thereof. | No. |
| xii | Whether any protected archaeological / heritage site / defense establishment or any other important monument is located in the area. If so, the details thereof with NOC from competent authority, if required | There is no protected archaeological / heritage site/defense establishment or any other important monument is located in the project area. |

| | | | |
|-----|---|--|---|
| 8 | 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 alternatives examined. | Yes. | Requirement of forest land is barest minimum and unavoidable. |
| 9 | Whether any work in violation of the Act has been carried out (Yes/No). If yes, details of the same including period of work done, action taken on erring officials. Whether work in violation is still in progress. | Yes, Violation report in prescribe format and certificate regarding violation is attached in the proposal file. | |
| 10 | Details of compensatory afforestation scheme | -- | |
| i | Details of non-forest area/degraded forest area identified for compensatory afforestation, its distance from adjoining forest, number of patches, size of each patch | The Compensatory afforestation proposed on 2.08 ha. degraded forest land at Village Sarde, Tal. Uran, Reserved Forest Compt. No. 139E in Uran Range. | |
| ii | Map showing non-forest/degraded forest area identified for compensatory afforestation and adjoining forest boundaries | Attached in the proposal file. | |
| iii | Details Compensatory afforestation scheme including species to be planted, implementing agency, time schedule, cost structure, etc. | Attached in the proposal file. | |
| iv | Total financial outlay for compensatory afforestation scheme | Rs. 6183219/- | |
| v | Certificates from competent authority regarding suitability of area identified for compensatory afforestation and from management point of view. (To be signed by the concerned Deputy Conservator of Forests). | Attached in the proposal file. | |
| 11 | Site inspection report of the DCF (to be enclosed) especially highlighting facts asked in col. 7 (xi), 8 and 9 above. | Site inspection report of DCF is attached in the proposal file. | |

| | | |
|-----|--|--|
| 12 | Division/District profile: | District – Raigad. Division – Alibag Forest Division. |
| i | Geographical area of the district | Raigad Dist. – 7152 Sq. KM. |
| ii | Forest area of the district. | Raigad Dist, - 1647.68 Sq. KM. |
| iii | Total forest area diverted since 1980 with number of cases in the Division | No. 97 cases approved in Alibag Forest Div. Area diverted 1300.0955Ha. |
| iv | Total compensatory afforestation stipulated in the district/division since 1980 on a) forest land including penal compensatory afforestation, b) non-forest land | Alibag Forest Division. 2113.0954 Ha, On forest land. <u>367.4640 Ha.</u> On non-forest land 2479.5594 Ha. |
| v | Progress of compensatory afforestation as on 31/03/2022 (a) forest land (b) non-forest land. | Alibag Forest Division. 2113.0954 Ha. on forest land. <u>367.4640 Ha.</u> on non-forest land 2479.5594 Ha. |
| 13 | Specific recommendations of the Deputy Conservator of Forest for acceptance or otherwise of the proposal with reasons | This project is part of sanctioned project and is of national interest. It is essential for widening of 6/8 laning of NH4B and Amra Marg on boundaries of proposed Navi Mumbai International Airport. Hence the proposal is being recommended. |

Place:- Alibag

Date: 16/06/2023

(Signature)
(ASHISH THAKARE IFS)
 Deputy Conservator of Forests,
 Alibag

CERTIFICATE

CERTIFICATE FOR DEMAND OF BARREST MINIMUM LAND

This is to certify, that the area proposed the proposal for diversion of 1.0364 Ha. of forest area for change in alignment of NH-4B, SH-54 and Amra Marg on boundaries of proposed Navi Mumbai International Airport in the State of Maharashtra in demand for the required forest land is lowest minimum demand.

Date: / /2023.
Place: Alibag

(Signature)
(ASHISH THAKARE IFS)
Deputy Conservator of Forests,
Deputy Conservator of Forests,
Alibag

Plantation Estimate

राष्ट्रीय महामार्ग क्र. 4 बी व 348 मधील पुरवणी 1.036 हे. वनजमिन मागणी प्रस्ताव
..... भारतीय राष्ट्रीय महामार्ग प्राधिकरण.

Range-Uran

Round-Uran

Beat- Kalmbusare

Village-Sarade

Compartment.No139E

Spacement

- 3m x 3m

Size of Pits

- 0.45 x 0.45 x 0.45m

Wage Rate-

413.69 Rs. per day.

No. of Seedlings

- 1111 per ha

(Amount in Rs.)

Area of plantation

2.07

| | | (Amount in Rs.) | | | | | | | |
|------------------------------|---|-----------------|----------|-----------------|---------------------|----------------|-----------|-----------------|----------------------------|
| | | For 1.0000 ha | | | | For 2.0700 ha. | | | |
| Sr.No | Particulars of works | Man days | Wages | Material supply | Total (Rs. Per Ha.) | Man days | Wages | Material supply | Total (Rs. For 2.0700 Ha.) |
| A. Pre Monsoon Works PPO/PYO | | | | | | 0 | | | |
| 1 | (a) Survey and demarcation | 1.00 | 413.69 | 91.00 | 504.69 | 2.07 | 856.34 | 188.37 | 1044.71 |
| | (b) Preparation of treatment map (100 m x 50 m grid) | 1.00 | 413.69 | 91.00 | 504.69 | 2.07 | 856.34 | 188.37 | 1044.71 |
| | (c) Digging trial pits of size 0.30x0.30x0.60 in corner of Grid. | 0.40 | 165.48 | 0.00 | 165.48 | 0.83 | 342.54 | 0.00 | 342.54 |
| | (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 | 225.00 | 0.00 | 0.00 | 465.75 | 465.75 |
| | (e) Clearing of bushes and preparation of site (As per requirement) | 10.00 | 4136.90 | 91.00 | 4227.90 | 20.70 | 8563.38 | 188.37 | 8751.75 |
| 2 | Soil and moisture conservation works including collection of rubbles from areas upto 30 m etc | 128.70 | 53241.90 | 0.00 | 53241.90 | 266.41 | 110210.74 | 0.00 | 110210.74 |
| 3 | Providing and fixing chain link fencing, 993 Rmt 3200 Rs per running meter as per polygon. | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3177600.00 | 3177600.00 |
| 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 | 2.89 | 1195.56 | 91.00 | 1286.56 | 5.98 | 2474.82 | 188.37 | 2663.19 |

52

| | | | | | | | | | |
|---------------------------------|--|--------|-----------|----------|-----------|--------|-----------|------------|------------|
| 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. Note :- As per local conditions provision for mechanized digging can be made. | 73.33 | 30335.89 | 0.00 | 30335.89 | 151.79 | 62795.29 | 0.00 | 62795.29 |
| 6 | Construction of 5.00 Rmt wide Inspection Path 1M.D. per 100 Rmt | 1.00 | 413.69 | 0.00 | 413.69 | 2.07 | 856.34 | 0.00 | 856.34 |
| 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 | 310.27 | 25.00 | 335.27 | 1.55 | 642.25 | 51.75 | 694.00 |
| 8 | Providing and fixing (4 feet x 3 feet) information board each per site | 0.00 | 0.00 | 5000.00 | 5000.00 | 0.00 | 0.00 | 10350.00 | 10350.00 |
| 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) | 46.70 | 19319.32 | 4798.80 | 24118.12 | 96.67 | 39991.00 | 9933.52 | 49924.51 |
| Total | | 265.77 | 109946.39 | 10412.80 | 120359.19 | 550.14 | 227589.03 | 3199154.50 | 3426743.53 |
| Contingency 3% | | | 0.00 | 312.38 | 3610.78 | 0.00 | | | 102802.31 |
| Labour Welfare 4% | | | 0.00 | 416.51 | 4814.37 | 0.00 | | | 137069.74 |
| Grand Total | | 265.77 | 109946.39 | 11141.70 | 128784.33 | 550.14 | 227589.03 | 227589.03 | 3666615.57 |
| B. First Year Operations | | | | | | 0 | | Wages Rate | 455.06 |
| 1 | Part Nursery cost for maintenance of 1333 seedling per ha Rs. 2.64 per seedling (Wages Rs.2.69, M & S Rs. 0.81) | 14.80 | 6734.89 | 1079.73 | 7814.62 | 30.64 | 13941.22 | 2235.04 | 16176.26 |
| 2 | Refilling of pits by good quality soil including application of single super phosphate (1.66 MD per 100 pits) | 18.44 | 8391.31 | 1944.25 | 10335.56 | 38.17 | 17370.00 | 4024.60 | 21394.60 |
| 3 | Transportation of 1333 seedlings from Nursery to plantation site including loading & unloading (0.14 M.D. per 100 seedlings & M.S. Rs.1.82 Per seedlings) | 1.87 | 850.96 | 2426.00 | 3276.96 | 3.87 | 1761.49 | 5021.82 | 6783.31 |
| 4 | Planting of 1111 seedlings (1.0 M.D per 100 seedlings) | 11.11 | 5055.72 | 0.00 | 5055.72 | 23.00 | 10465.33 | 0.00 | 10465.33 |

31

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|----------------------------------|---|---------------|------------------|----------------|------------------|---------------|------------------|-------------------|------------------|
| 5 | 3 seedlings (1 Rmt circular) and 2 soil workings (4.00 M.D per 100 seedlings) fertilizer application Rs.0.82 per seedling | 44.44 | 20222.87 | 911.02 | 21133.89 | 91.99 | 41861.33 | 1885.81 | 43747.14 |
| 6 | Casualty replacement (20% 222 Seedlings per ha.) (2 M.D. per 100 seedlings) | 4.44 | 2020.47 | 0.00 | 2020.47 | 9.19 | 4182.37 | 0.00 | 4182.37 |
| 7 | Part Nursery cost for causality replacement in SYO (222 seedlings per ha.) (wages Rs. 11.90 and material supply Rs.3.62 total Rs.12.55 per seedling.) | 7.78 | 3540.37 | 803.64 | 4344.01 | 16.10 | 7328.56 | 1663.53 | 8992.09 |
| 8 | Watch and ward (9 months – 1 watcher per 10 ha) | 128.70 | 58566.22 | 0.00 | 58566.22 | 266.41 | 121232.08 | 0.00 | 121232.08 |
| 9 | Soil working for naturally grower plants and singling (1.15 M.D. per 100 plants) | 1.15 | 523.32 | 10.00 | 533.32 | 2.38 | 1083.27 | 20.70 | 1103.97 |
| 10 | Fire tracing | 2.00 | 827.38 | 0.00 | 827.38 | 4.14 | 1712.68 | 0.00 | 1712.68 |
| Total | | 133.41 | 106733.49 | 7174.64 | 113908.13 | 485.89 | 220938.33 | 14851.50 | 235789.84 |
| Contingency 3% | | | 0.00 | 1574.46 | 1574.46 | 0.00 | | | 7073.70 |
| Labour Welfare 4% | | | 0.00 | 2099.28 | 2099.28 | 0.00 | | | 9431.59 |
| Grand Total | | 133.41 | 106733.49 | 7174.64 | 56155.75 | 485.89 | 220938.33 | 14851.50 | 252295.13 |
| C. Second Year Operations | | | | | | 0 | | Wages Rate | 500.56 |
| 1 | Part nursery cost for seedlings for causality replacement (222 seedlings per ha) labour rate @ Rs.3.77 and M.S.Rs.1.82 per seedlings. | 2.46 | 1231.38 | 404.04 | 1239.48 | 5.09 | 2548.95 | 836.36 | 3385.31 |
| 2 | Transportation of 222 seedlings for causality replacement | 0.31 | 155.17 | 404.04 | 509.32 | 0.64 | 321.21 | 836.36 | 1157.57 |
| 3 | Planting for casualty replacement 222 seedlings (2.00 M.D. per 100 seedlings) | 4.44 | 2222.49 | 0.00 | 1507.87 | 9.19 | 4600.55 | 0.00 | 4600.55 |
| 4 | 2 weedings and 1 soil working, with fertilizer application 2.5 M.D. per 100 seedlings at M.S. Rs. 0.82 per seedling | 27.77 | 13900.55 | 911.02 | 10341.99 | 57.48 | 28774.14 | 1885.81 | 30659.95 |
| 5 | Watch and ward 12 months -1 watcher per 10.00 ha | 150.72 | 75444.40 | 0.00 | 12395.77 | 311.99 | 156169.91 | 0.00 | 156169.91 |
| 7 | Fire tracing | 2.00 | 1001.12 | 0.00 | 679.22 | 4.14 | 2072.32 | 0.00 | 2072.32 |
| Total | | 187.70 | 93955.11 | 1719.10 | 26673.65 | 388.54 | 194487.08 | 3558.54 | 198045.62 |
| Contingency 3% | | | 0.00 | 51.57 | 800.21 | 0.00 | | | 5941.37 |
| Labour Welfare 4% | | | 0.00 | 68.76 | 1066.95 | 0.00 | | | 7921.82 |
| Grand Total | | 187.70 | 93955.11 | 1719.10 | 28540.81 | 388.54 | 194487.08 | 3558.54 | 211908.81 |

30

| D. Third Year Operations | | | | | | 0 | | Wages Rate | 550.62 |
|---------------------------|---|--------|-----------|--------|-----------|--------|-----------|------------|-----------|
| 1 | 1 weeding and 1 soil working (1.50 M.D per 100 seedlings) applying fertilizer @ Rs.0.82 per plant. | 16.67 | 9178.84 | 911.02 | 10089.86 | 34.51 | 19000.19 | 1885.81 | 20886.00 |
| 2 | Watch and ward 12 months 1 watcher per 10.00 ha | 150.72 | 82989.45 | 0.00 | 82989.45 | 311.99 | 171788.15 | 0.00 | 171788.15 |
| 3 | Counting of survival percentage Grid wise and Species wise and to Note the same on Register in May and | 2.00 | 1101.24 | 25.00 | 1126.24 | 4.14 | 2279.57 | 51.75 | 2331.32 |
| 4 | Fire tracing | 2.00 | 1101.24 | 0.00 | 1101.24 | 4.14 | 2279.57 | 0.00 | 2279.57 |
| Total | | 171.39 | 94370.76 | 936.02 | 95306.78 | 354.78 | 195347.48 | 1937.56 | 197285.04 |
| Contingency 3% | | | 0.00 | 28.08 | 2859.20 | 0.00 | | | 5918.55 |
| Labour Welfare 4% | | | 0.00 | 37.44 | 3812.27 | 0.00 | | | 7891.40 |
| Grand Total | | 171.39 | 94370.76 | 936.02 | 101978.26 | 354.78 | 195347.48 | 1937.56 | 211094.99 |
| E. Fourth Year Operations | | | | | | 0 | | Wages Rate | 605.68 |
| 1 | Watch and ward 12 months 1 watcher | 150.72 | 91288.09 | 0.00 | 91288.09 | 311.99 | 188966.35 | 0.00 | 188966.35 |
| 2 | Counting of survival percentage Grid wise and Species wise and to Note the same on Register in May and | 2.00 | 1211.36 | 25.00 | 1236.36 | 4.14 | 2507.52 | 51.75 | 2559.27 |
| 3 | Fire tracing | 2.00 | 1211.36 | 0.00 | 1211.36 | 4.14 | 2507.52 | 0.00 | 2507.52 |
| Total | | 154.72 | 93710.81 | 25.00 | 93735.81 | 320.27 | 193981.38 | 51.75 | 194033.13 |
| Contingency 3% | | | 0.00 | 0.75 | 2812.07 | 0.00 | | | 5820.99 |
| Labour Welfare 4% | | | 0.00 | 1.00 | 3749.43 | 0.00 | | | 7761.33 |
| Grand Total | | 154.72 | 93710.81 | 25.00 | 100297.32 | 320.27 | 193981.38 | 51.75 | 207615.44 |
| F. Fifth Year Operations | | | | | | 0 | | Wages Rate | 666.25 |
| 1 | Watch and ward 12 months 1 watcher per 10.00 ha | 150.72 | 100417.20 | 0.00 | 100417.20 | 311.99 | 207863.60 | 0.00 | 207863.60 |
| 2 | Counting of survival percentage Grid wise and Species wise and to Note the same on Register in May and October. | 2.00 | 1332.50 | 25.00 | 1357.50 | 4.14 | 2758.28 | 51.75 | 2810.03 |
| 3 | Fire tracing | 2.00 | 1332.50 | 0.00 | 1332.50 | 4.14 | 2758.28 | 0.00 | 2758.28 |
| Total | | 40.50 | 103082.20 | 25.00 | 103107.20 | 320.27 | 213380.15 | 51.75 | 213431.90 |
| Contingency 3% | | | 0.00 | 0.75 | 3093.22 | 0.00 | | | 6402.96 |
| Labour Welfare 4% | | | 0.00 | 1.00 | 4124.29 | 0.00 | | | 8537.28 |
| Grand Total | | 40.50 | 103082.20 | 25.00 | 110324.70 | 320.27 | 213380.15 | 51.75 | 228372.14 |
| G. Sixth Year Operations | | | | | | 0 | | Wages Rate | 732.88 |
| 1 | Watch and ward 12 months 1 watcher per 10.00 ha | 150.72 | 110459.67 | 0.00 | 110459.67 | 311.99 | 228651.52 | 0.00 | 228651.52 |

12

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|-----------------------------------|---|---------------|------------------|--------------|------------------|---------------|------------------|--------------|------------------|
| 2 | Counting of survival percentage Grid wise and Species wise and to Note the same on | 2.00 | 1465.76 | 25.00 | 1490.76 | 4.14 | 3034.12 | 51.75 | 3085.87 |
| 3 | Fire tracing | 2.00 | 1465.76 | 0.00 | 1465.76 | 4.14 | 3034.12 | 0.00 | 3034.12 |
| | Total | 40.50 | 113391.19 | 25.00 | 113416.19 | 320.27 | 234719.77 | 51.75 | 234771.52 |
| | Contingency 3% | | 0.00 | 0.75 | 3402.49 | 0.00 | | | 7043.15 |
| | Labour Welfare 4% | | 0.00 | 1.00 | 4536.65 | 0.00 | | | 9390.86 |
| | Grand Total | 40.50 | 113391.19 | 25.00 | 121355.33 | 320.27 | 234719.77 | 51.75 | 251205.53 |
| H. Seventh Year Operations | | | | | | 0 | | Wages Rate | 806.16 |
| 1 | Watch and ward 12 months 1 watcher | 150.72 | 121504.44 | 0.00 | 121504.44 | 311.99 | 251514.18 | 0.00 | 251514.18 |
| 2 | Counting of survival percentage Grid wise and Species wise and to Note the same on Register in May and October. | 2.00 | 1612.32 | 25.00 | 1637.32 | 4.14 | 3337.50 | 51.75 | 3389.25 |
| 3 | Fire tracing | 2.00 | 1612.32 | 0.00 | 1612.32 | 4.14 | 3337.50 | 0.00 | 3337.50 |
| | Total | 154.72 | 124729.08 | 25.00 | 124754.08 | 320.27 | 258189.19 | 51.75 | 258240.94 |
| | Contingency 3% | | 0.00 | 0.75 | 3742.62 | 0.00 | | | 7747.23 |
| | Labour Welfare 4% | | 0.00 | 1.00 | 4990.16 | 0.00 | | | 10329.64 |
| | Grand Total | 154.72 | 124729.08 | 25.00 | 133486.86 | 320.27 | 258189.19 | 51.75 | 276317.80 |
| I. Eighth Year Operations | | | | | | 0 | | Wages Rate | 886.78 |
| 1 | Watch and ward 12 months 1 watcher | 150.72 | 133655.48 | 0.00 | 133655.48 | 311.99 | 304334.16 | 0.00 | 304334.16 |
| 2 | Counting of survival percentage Grid wise and Species wise and to Note the same on Register in May and October. | 2.00 | 1773.56 | 25.00 | 1798.56 | 4.14 | 3671.27 | 51.75 | 3723.02 |
| 3 | Fire tracing | 2.00 | 1773.56 | 0.00 | 1773.56 | 4.14 | 3671.27 | 0.00 | 3671.27 |
| | Total | 154.72 | 137202.60 | 25.00 | 137227.60 | 320.27 | 311676.69 | 51.75 | 311728.44 |
| | Contingency 3% | | 0.00 | 0.75 | 4116.83 | 0.00 | | | 9351.85 |
| | Labour Welfare 4% | | 0.00 | 1.00 | 5489.10 | 0.00 | | | 12469.14 |
| | Grand Total | 154.72 | 137202.60 | 25.00 | 146833.53 | 320.27 | 311676.69 | 51.75 | 333549.44 |
| J. Ninth Year Operations | | | | | | 0 | | Wages Rate | 975.46 |
| 1 | Watch and ward 12 months 1 watcher | 150.72 | 147021.33 | 0.00 | 12395.77 | 311.99 | 304334.16 | 0.00 | 304334.16 |
| 2 | Counting of survival percentage Grid wise and Species wise and to Note the same on Register in May and October. | 2.00 | 1950.92 | 25.00 | 704.22 | 4.14 | 4038.40 | 51.75 | 4090.15 |
| 3 | Fire tracing | 2.00 | 1950.92 | 0.00 | 679.22 | 4.14 | 4038.40 | 0.00 | 4038.40 |
| | Total | 154.72 | 150923.17 | 25.00 | 13779.21 | 320.27 | 164882.10 | 51.75 | 164933.85 |
| | Contingency 3% | | 0.00 | 0.75 | 413.38 | 0.00 | | | 4948.02 |

28

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|---------------------------------|---|---------------|------------------|--------------|------------------|---------------|------------------|-------------------|------------------|
| | Labour Welfare 4% | | 0.00 | 1.00 | 551.17 | 0.00 | | | 6597.35 |
| | Grand Total | 154.72 | 150923.17 | 25.00 | 14743.75 | 320.27 | 164882.10 | 51.75 | 176479.22 |
| K. Tenth Year Operations | | | | | | | 0 | Wages Rate | 1073.01 |
| 1 | Watch and ward 12 months 1 watcher | 150.72 | 161724.07 | 0.00 | 161724.07 | 311.99 | 334768.82 | 0.00 | 334768.82 |
| 2 | Counting of survival percentage Grid wise and Species wise and to Note the same on Register in May and | 2.00 | 2146.02 | 25.00 | 2171.02 | 4.14 | 4442.26 | 51.75 | 4494.01 |
| 3 | Fire tracing | 2.00 | 2146.02 | 0.00 | 2146.02 | 4.14 | 4442.26 | 0.00 | 4442.26 |
| | Total | 40.50 | 166016.11 | 25.00 | 166041.11 | 320.27 | 343653.34 | 51.75 | 343705.09 |
| | Contingency 3% | | 0.00 | 413.38 | 413.38 | 0.00 | | | 10311.15 |
| | Labour Welfare 4% | | 0.00 | 551.17 | 551.17 | 0.00 | | | 13748.20 |
| | Grand Total | 40.50 | 166016.11 | 25.00 | 167005.66 | 320.27 | 343653.34 | 51.75 | 367764.45 |

| Abstract for Plantation at Sarade Village Com No. 139 | | | | | | | | (Amount in Rupees) | |
|---|-------------------------|----------|------------|-----------------|-----------|--------------|------------|--------------------|------------|
| Sr. No. | Year of operation | Man days | Wages | Material supply | Total | Total amount | Wages | Material supply | Total |
| 1 | Pre Monsoon works | 168.07 | 109946.39 | 11141.70 | 121088.09 | 128784.33 | 227589.03 | 227589.03 | 3666615.57 |
| 2 | First Year Operations | 133.41 | 106733.49 | 7174.64 | 113908.13 | 56155.75 | 220938.33 | 14851.50 | 252295.13 |
| 3 | Second Year Operations | 73.48 | 93955.11 | 1719.10 | 95674.21 | 28540.81 | 194487.08 | 3558.54 | 211908.81 |
| 4 | Third Year Operations | 57.17 | 94370.76 | 936.02 | 95306.78 | 101978.26 | 195347.48 | 1937.56 | 211094.99 |
| 5 | Fourth Year Operations | 40.50 | 93710.81 | 25.00 | 93735.81 | 100297.32 | 193981.38 | 51.75 | 207615.44 |
| 6 | Fifth Year Operations | 40.50 | 103082.20 | 25.00 | 103107.20 | 110324.70 | 213380.15 | 51.75 | 228372.14 |
| 7 | Sixth Year Operations | 40.50 | 113391.19 | 25.00 | 113416.19 | 121355.33 | 234719.77 | 51.75 | 251205.53 |
| 8 | Seventh Year Operations | 40.50 | 124729.08 | 25.00 | 124754.08 | 133655.48 | 258189.19 | 51.75 | 276317.80 |
| 9 | Eighth Year Operations | 40.50 | 137202.60 | 25.00 | 137227.60 | 146833.53 | 311676.69 | 51.75 | 333549.44 |
| 10 | Nineth Year Operations | 40.50 | 150923.17 | 25.00 | 150948.17 | 14743.75 | 164882.10 | 51.75 | 176479.22 |
| 11 | Tenth Year Operations | 40.50 | 166016.11 | 25.00 | 166041.11 | 167005.66 | 343653.34 | 51.75 | 367764.45 |
| Total | | 715.63 | 1294060.92 | 21146.46 | 446318.26 | 1109674.92 | 2558844.54 | 248298.88 | 6183218.52 |


Cost per plant Rs.429.85

Note:-

1. Rates of chain linked fencing derived from new SSR and area calculated on site verification (993 running meters) addition for area difference and transportation lead.
2. Plantation M.D. and M.S. component derived from rate structure as approved by PCCF (HoFF) M.S. vide letter No.Desk-1/EGS/CR- 10/2282/2017-18/Nagpur, Dated 07/03/2018.

टिप :- मजुरी Mandays हे Minimum Wages Rate 1 Watchman 2.0700 ha घेतल्यामुळे त्यानुसार Mandays घेण्यात आलेले आहे.


(ASHISH THAKARE IFS)
 Deputy Conservator of Forests
 Alibay


 परिक्षेत्र वन अधिकारी,
 उरण.