

ALIBAG FOREST DIVISION

PROPOSAL UNDER SECTION 2 OF FOREST (CONSERVATION) ACT, 1980

NAME OF PROPOSAL

DIVERSION OF FOREST LAND FOR WIDENING AND IMPROVEMENT OF  
NERAL DASTURI ROAD IN KARJAT TALUKA, RAIGAD DIST.

FOREST AREA REQUIRED 0.9850 ha.  
\*\*\*\*\*

PROJECT AUTHORITY

Deputy Engineer- I, (Engineering Division),  
Mumbai Metropolitan Region Development Authority,  
MMRDA Building, Bandra - Kurta Complex,  
Bandra (E), Mumbai - 400051.

\*\*\*\*\*  
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Diversion of Forest land for Widening and Improvement of Neral-Dasturi Road  
in Karjat Taluka, Raigad Dist.

Project Authority: Mumbai Metropolitan Region Development Authority,  
Bandra - Kurla Complex, Bandra(E), Mumbai-400051.

Chronology of Events.

| Date | From | To | No. & date. |
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(JAYOTI BANERJEE)  
DEPUTY CONSERVATOR OF FOREST  
ALIBAG FOREST DIVISION  
ALIBAG

  
(ARVIND B. DHABE)  
DEPUTY ENGINEER- I,  
ENGINEERING DIVISION,  
M.M.R.D.A.

**APPENDIX  
(Sec Rule 6)**

**FORM - 'A'**

Form for seeking prior approval under section 2 of the proposals by the State Governments and other Authorities.

**PART - 1  
(To be filled up by user agency)**

**1. Project Details**

|     |                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-----|---------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.0 | Short narrative of the proposal and project /scheme for which forest land is acquired.                                                      | <p><b>Proposal:</b><br/> <b>Diversion of Forest land for Widening and Improvement of Neral-Dasturi Road in Karjat Taluka, Raigad Dist :</b></p> <p>Matheran, being a hill station, is a great attraction for Tourist. Number of Tourist visiting Matheran is increasing day by day. Since Neral-Dasturi is only the vehicular road access available for the Tourist, increased in traffic is exerting excessive stress on transport facilities. Existing road do not have sufficient width for 2 lane carriageway for to &amp; fro traffic. Also, Retaining wall with safety parapet does not exist for full length &amp; thus it is a risky affair. Therefore existing road needs widening and improvement. In view of this, about 0.9850 Hector of Forest land is required to be diverted for widening &amp; improvement of this road having length of 6700 Meter which passes through 2 villages (Neral and Bekare) of Karjat Talukas.</p> |
| 1.1 | Map showing the required forest area, boundary of adjoining forest area & item wise breakup of forest area required for different purposes: | <p>1) Index Map in 1:10000 scales is enclosed on Page No.</p> <p>2) Forest land alignment shown in Village Map Neral and Bekare in 1:5000 scales is enclosed on Page No.</p> <p>3) Geo-Digital Map in 1:5000 scales is enclosed on Page No.</p> <p>4) To-po Sheet in 1:50000 scales is enclosed on Page No.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 1.2 | Cost of the project                                                                                                                         | Total Cost of the Road Project Rs. 23.89 Crores                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 1.3 | Justification for locating the project in forest area.                                                                                      | <p>Narrow road width and blind curves at many places are the acute accident prone zones which will be minimized by widening of this road for better safety of tourists.</p> <p>The other all possible alternatives were examined by us the alignment of 8.20 mtr &amp; Site specific wide</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

|     |                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                            |
|-----|---------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|     |                                                                                       | road is designed keeping the views of topography. The Project of 8.20 mtr & Site specific wide road alignment passes through forest land. There is no alternative non forest land available for this purpose. Hence it is decided to sought necessary permission under the provision of forest (conservation) Act 1980. Hence this proposal is submitted for necessary statutory approval. |
| 1.4 | Cost-benefit analysis (to be enclosed)                                                | Not Applicable                                                                                                                                                                                                                                                                                                                                                                             |
| 1.5 | Employment likely to be generated                                                     | During Construction approximately 200 construction personals will work at site.                                                                                                                                                                                                                                                                                                            |
| 2.0 | Purpose-wise break-up of the total land required.                                     | <b>Total forest land required = 0.9850 Ha Attached on page No.</b>                                                                                                                                                                                                                                                                                                                         |
|     |                                                                                       | Break up of forest land required                                                                                                                                                                                                                                                                                                                                                           |
|     |                                                                                       | 1. Along existing road                                                                                                                                                                                                                                                                                                                                                                     |
|     |                                                                                       | Reserve Forest 0.9850 Ha                                                                                                                                                                                                                                                                                                                                                                   |
|     |                                                                                       | Total 0.9850 Ha                                                                                                                                                                                                                                                                                                                                                                            |
|     |                                                                                       | 2. Refer Annex 3 for details on Page no.                                                                                                                                                                                                                                                                                                                                                   |
| 3.0 | Details of displacement of people due to the project                                  | There is no displacement of the people due to this project in forest area.                                                                                                                                                                                                                                                                                                                 |
| 3.1 | Total Number of Families                                                              | Not Applicable                                                                                                                                                                                                                                                                                                                                                                             |
| 3.2 | Number of Scheduled Tribe families                                                    | Not Applicable                                                                                                                                                                                                                                                                                                                                                                             |
| 3.3 | Rehabilitation Plan                                                                   | Not Applicable                                                                                                                                                                                                                                                                                                                                                                             |
| 4.0 | Whether clearance under Environment (Protection) Act, 1986 required.                  | Not Applicable                                                                                                                                                                                                                                                                                                                                                                             |
| 5.0 | Undertaking to bear the cost of raising and maintenance of compensatory Afforestation | Undertaking to bear the cost of compensatory afforestation is enclosed on page                                                                                                                                                                                                                                                                                                             |
| 6.0 | Details of Certificates / documents enclosed as required under the instructions       | Required certificates and documents are provided separately in respective section. Enclosed in proposal as per Index.                                                                                                                                                                                                                                                                      |

Date - / / 2016

Place:-

  
**(ARVIND B. DHABE)**  
 DEPUTY ENGINEER- I  
 ENGINEERING DIVISION  
 M.M.R.D.A.

State Serial No. of proposal \_\_\_\_\_  
(To be filled up by the Nodal Officer with date of receipt)

## PART-II

(To be filled by the concerned DEPUTY CONSERVATOR OF FORESTS)

State serial No. of proposal \_\_\_\_\_

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.)                                                                                                                                                          | 0.9850 Ha of forest area at Village: Neral and Bekare |
| v    | Legal status of forest                                                                                                                                                                                       | Reserved forest (yet to be notified)                  |
| vi   | Density of Vegetation                                                                                                                                                                                        | Sparsely are seen                                     |
| 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.)    | No. of Tree to be felled - NIL                        |
| viii | Brief note on vulnerability of the forest area to erosion                                                                                                                                                    | The land to be diverted is not vulnerable to erosion. |
| ix   | Approx. distance of proposed site for diversion from boundary of forest                                                                                                                                      | The proposed road passing through adjacent 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). | No.                                                   |
| xi   | Whether any rare/endangered/unique species of flora and fauna found in the area if so detail thereof                                                                                                         | No                                                    |
| xii  | Whether any protected                                                                                                                                                                                        | No                                                    |



|     |                                                                                                                                                                                                                      |                                                                                                           |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
|     | 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                                |                                                                                                           |
| 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 | The required area demanded for the purpose of the project is the barest minimum requirement & 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. | No                                                                                                        |
| 10  | Details of compensatory afforestation scheme                                                                                                                                                                         | A compensatory afforestation scheme is enclosed on Page No.                                               |
| 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                                                 | --                                                                                                        |
| ii  | Map showing non-forest/degraded forest area identified for compensatory afforestation and adjoining forest boundaries                                                                                                | Enclosed at page No.---                                                                                   |
| iii | Details Compensatory afforestation scheme including species to be planted, implementing agency, time schedule, cost structure, etc.                                                                                  | Enclosed at page No.---                                                                                   |
| iv  | Total financial outlay for compensatory afforestation scheme                                                                                                                                                         | Enclosed at page No.---                                                                                   |
| v   | Certificates from competent authority regarding suitability of area identified for compensatory afforestation and from management point of view. (To be                                                              | Not Applicable.                                                                                           |

|     |                                                                                                                                                                           |                                                                                                                                                                                                                                          |
|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|     | signed by the concerned Deputy Conservator of Forests).                                                                                                                   |                                                                                                                                                                                                                                          |
| 11  | Site inspection report of the DCF (to be enclosed) especially highlighting facts asked in col. 7 (xi, xii), 8 and 9 above.                                                | Site inspection format attached on page No.                                                                                                                                                                                              |
| 12  | Division/District profile:                                                                                                                                                | District – Raigad<br>Division – Alibag Forest Division                                                                                                                                                                                   |
| i   | Geographical area of the district                                                                                                                                         | Raigad Dist. – 7152 Sq. KM.                                                                                                                                                                                                              |
| ii  | Forest area of the district                                                                                                                                               | Raigad Dist. – 1169.1647 Sq. KM.                                                                                                                                                                                                         |
| iii | Total forest area diverted since 1980 with number of cases in the Division                                                                                                | No. 74 cases – Area diverted 920 Ha.                                                                                                                                                                                                     |
| iv  | Total compensatory afforestation stipulated in the district/division since 1980 on<br><br>a) forest land including penal compensatory afforestation<br>b) non-forest land | 2005.826Ha. On forest land.<br><u>367.464 Ha.</u> On non-forest land<br>2373.290 Ha.                                                                                                                                                     |
| v   | Progress of compensatory afforestation as on 31/03/2013<br>(a) forest land<br>(b) Non-forest land                                                                         | 2005.826Ha. on forest land.<br><u>367.464 Ha.</u> On non-forest land<br>2373.290 Ha.                                                                                                                                                     |
| 13  | Specific recommendations of the deputy conservator of forest for acceptance or otherwise of the proposal with reasons                                                     | The project under reference undertaken by Government of Maharashtra (MMRDA) is part of public infrastructure facility and essential for convenient & safe travel for tourist & local citizens. Hence, the proposal is being recommended. |

Place:

Date: 7 / /2016:

(JAYOTI BANERJEE)  
DEPUTY CONSERVATOR OF FOREST  
ALIBAG FOREST DIVISION  
ALIBAG

PART - III

(To be filled up by the concerned Chief Conservator of Forests)

1. Whether site, where the forestland involved is located has been inspected by concerned Chief Conservator of Forests (Yes / No). If yes, the date of inspection and observations made in form of inspection note to be enclosed.
2. Whether the Chief Conservator of Forests agree with the information given in Part-II and the recommendations of the DEPUTY CONSERVATOR OF FORESTS
3. Specific recommendations of the concerned Chief Conservator of Forests for acceptance or otherwise of the proposal with detailed reasons.

Date:  
Place:

Chief Conservator of Forests  
ALIBAG,  
MAHARASHTRA



#### PART-IV

(To be filled in by the Nodal Officer or Principal Chief Conservator of Forests or Head of Forest department)

|   |                                                                                                                                                                                                                                                                                                                                    |  |
|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 1 | Detailed opinion and specific recommendation of the State Forest Department for acceptance or otherwise of the proposal with remarks.<br><br>(While giving opinion, the adverse comments made by concerned Conservator of Forests or Deputy Conservator of Forests should be categorically reviewed and critically commented upon) |  |
|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|

Signature : \_\_\_\_\_

Name : \_\_\_\_\_

Date: \_\_\_\_\_

Designation: \_\_\_\_\_

Place: Nagpur  
\_\_\_\_\_

Official Seal: \_\_\_\_\_

## PART - V

(To be filled in by the Secretary in charge of the Forest Department or any other authorized officer of the State Government not below the rank of Under Secretary)

### 1. Recommendations of the State Government.

(Adverse comments made by any officer or authority in part-B or Part - C or Part - D) above should be specifically communicated upon)

Date:

Place:

Name & Designation

(Official Seal)

Item-wise Breakup of the Land  
**ALIBAG FOREST DIVISION**  
 (Under Forest Conservation Act, 1980)  
**Abstract of Item-wise Breakup of the Land**  
**Annexure - III**  
**( Details area statement of Forest Land Required)**

| Item of the work purpose                                                                                   | Name of Village | Forest Land to be Acquired |            |                 |          |        | Legal Statue of Land | Non-Forest Land |
|------------------------------------------------------------------------------------------------------------|-----------------|----------------------------|------------|-----------------|----------|--------|----------------------|-----------------|
|                                                                                                            |                 | Survey / Gat No.           | Comptt No. | Length x width  | Area     |        |                      |                 |
|                                                                                                            |                 |                            |            |                 | Sq.Mtr.  | Ha.    |                      |                 |
| Diversion of Forest land for Widening and Improvement of Neral-Dasturi Road in Karjat Taluka, Raigad Dist. | Neral           | 110 pt.                    | 50 A       | Irregular shape | 2503.01  | 0.250  | Reserve Forest       | NIL             |
|                                                                                                            |                 | 333 pt.                    | 50 A       |                 | 5195.43  | 0.540  | Reserve Forest       |                 |
|                                                                                                            |                 | 331 pt.                    | 50 A       |                 | 4.75     | 0.000  | Reserve Forest       |                 |
|                                                                                                            | Bekare          | 101 pt.                    | 502Pt.     |                 | 1947.640 | 0.1950 | Reserve Forest       |                 |
|                                                                                                            |                 | Total                      |            |                 | 9850     | 0.9850 |                      |                 |

**ABSTRACT**

|                 |               |
|-----------------|---------------|
| Reserved Forest | 0.9850        |
| Non-Forest      | NIL           |
| <b>Total</b>    | <b>0.9850</b> |

  
**(ARVIND B. DHABE)**  
 DEPUTY ENGINEER - I,  
 ENGINEERING DIVISION,  
 M.M.R.D.A.

**Diversion of Forest land for Widening and Improvement of Neral-Dasturi Road in Karjat Taluka, Raigarh Dist.**

Survey Number wise Four side Boundary Area Statement

**ALIBAG FOREST DIVISION**

| Sr No                             | Taluk a | Nmae of Village | Legal Status     |            |               | Boundaries of Four State |                             |                              |                          |
|-----------------------------------|---------|-----------------|------------------|------------|---------------|--------------------------|-----------------------------|------------------------------|--------------------------|
|                                   |         |                 | Survey / Gat No. | Compt. No. | Area in Ha.   | East                     | West                        | South                        | North                    |
| 1                                 | 2       | 3               | 4                | 5          | 6             | 7                        | 8                           | 9                            | 10                       |
| 1                                 | Karjat  | Neral           | 110 pt.          | 50 A       | 0.350         | Survey No.110            | Survey No.110               | Survey No.110                | Survey No.110 & 116      |
|                                   |         |                 | 333 pt.          | 50 A       | 0.540         | Survey No.333            | Survey No.333               | Village Boundry of Bekare    | Survey No.333            |
|                                   |         |                 | 331 pt.          | 50 A       | 0.000         | Survey No.331            | Survey No.333               | Village Boundry of Bekare    | Survey No.331            |
| 2                                 |         | Bekare          | 101 pt.          | 502Pt.     | 0.195         | Survey No.104            | Village Boundry of Matheran | Jummapatti and Survey No.101 | Village Boundry of Neral |
| <b>Total Forest Area (in Ha.)</b> |         |                 |                  |            | <b>0.9850</b> |                          |                             |                              |                          |



**(ARVIND B. DHABE)**  
DEPUTY ENGINEER - I,  
ENGINEERING DIVISION,  
M.M.R.D.A.

**Diversion of Forest land for Widening and Improvement of Neral-Dasturi Road in  
Karjat Taluka, Raigad Dist.**

Village wise Area

**ALIBAG FOREST DIVISION, ALIBAG**

| Sr. No. | Name of village | Taluk a: | FOREST AREA UNDER HA. |       |                     |                |                       | Total Forest Area HA. | Non Forest Area HA. | Total Area HA. |
|---------|-----------------|----------|-----------------------|-------|---------------------|----------------|-----------------------|-----------------------|---------------------|----------------|
|         |                 |          | R.F.                  | P. F. | Under Section 35(3) |                |                       |                       |                     |                |
|         |                 |          |                       |       | Restored            | Under Required | Area finally acquired |                       |                     |                |
| 1.      | Neral           | Karjat   | 0.7903                | -     | -                   | -              | -                     | 0.7903                | 0                   | 0.7903         |
| 2.      | Bekare          | Karjat   | 0.1947                | -     | -                   | -              | -                     | 0.1947                | 0                   | 0.1947         |
| Total   |                 |          |                       |       |                     |                |                       | 0.9850                | 0                   | 0.9850         |

**(JAYOTI BANERJEE)**  
**DEPUTY CONSERVATOR OF FOREST**  
**ALIBAG FOREST DIVISION**  
**ALIBAG**

  
**(ARVIND B. DHABE)**  
**DEPUTY ENGINEER-I,**  
**ENGINEERING DIVISION,**  
**M.M.R.D.A.**

## Project Note

### **1.0 Introduction**

Matheran, the smallest hill station in the Northern Western Ghats of Maharashtra is about 7.2sq.km in area. The word Matheran means, 'forest' (ran) on the 'head' (mathe). It is experiencing the impacts of large scale and unplanned tourism and related development. It is located between Mumbai-Pune urban belt and situated at a distance of about 64 km South-East of Mumbai (Karjat Taluka, District Raigad) and 81 km from Alibaug, the district headquarter. Another metropolis, Pune lies at a distance of about 125 km in South-East direction. Geographically Matheran plateau lies between 18° 55'N Latitude and 73° 51'E Longitude and it is to the west of main range of Western Ghats. The deep ravines around it are covered by dense forests and the top of hill is a large plateau. Its general height above MSL is 759m and the highest point on it is at 803.45m.

Matheran has witnessed the increase in tourism, the annual number of tourists in Matheran ranges from 2.51 lakhs in 1999 to 4.95 lakhs in 2010 with an average increase of 20,000-22,000 tourists per month. A serious implication of this spurt in the tourist number is excessive stress on tourism facilities besides odd transport facilities. This has exerted pressure on the local civic body (Matheran Municipal council) which is an active administrative body managing Matheran. It has its own rules and orders under the authority of Government for the guidance of visitors and others. These rules states that no vehicle should be permitted in MMC limits. So Matheran different than all the other hill stations; it does not have multiple Points of entry, which controls illegal access, unlike other hill stations. The only vehicle road is up to the Dasturinaka, the outer limit of corporation. Vehicles are not allowed in Matheran Municipal limits.

There is no any weekend place for Mumbaikars and puneikars except Lonavala and Matheran so MMRDA proposed to improve infrastructure connecting Hill Stations within MMR Area. At present MMRDA has achieved satisfactory improvement in infrastructure within Mumbai & Mumbai Suburban City.

Matheran Territory falls in MMR region, MMRDA has decided to push up Matheran to make an impression broadly on world's map as special tourism identity. It is hill station in Raigad district in the state of Maharashtra. The deep ravines around Matheran are covered by dense forest & the top of hill is large plateau. The average Tourist towards Matheran is increasing by 20 to 22 thousand per annum from last 15 years & in 2010 it was 4.95 Lacs. At present it is a risky transport facilities & connecting length from Nerai to Matheran is to the tune of 6.7 K.M. At present width of road is less than 2 lane & it is proposed to widen it as per



available shoulder width.

The provision of new retaining wall along valley side in the missing length between existing Retaining wall is considered & for existing retaining wall rising up to parapet level above G.L. is considered. Cement Concrete wall abutting hill side road edge is considered. However Metallic crash barrier proposed at critical location.

Traffic plying on hill is mostly of tourist vehicles. Widening & improvement to existing roads upto 2lanes for alength of 6700 Meter is proposed by providing 50mm BM, 50mm DBM & 25mm A.C.

There are 3 slab drains which are considered for reconstruction. Slab drains are of 3m span & thickness of slab 400mm in m35. Abutments provided are m35 as per IRC. All 37 Nos. of H.P. drains considered for reconstruction. All H.P. drains are of NP 3 – 1000 mm dia.

- 1.1. The Road proposal is sanctioned in the 134th Authority meeting of MMRDA held on 27th June 2014 headed by Hon'ble Chief Minister Maharashtra.

**2.1 ROW/Land width**

The proposed ROW/land width required is of 8.20 meter & Site specific.

**2.6 Financial Details**

- The capital cost of the project 23.89Crores.
- Construction period 12 Months

Place

Date

  
(ARVIND B. DHABE)  
DEPUTY ENGINEER- I,  
ENGINEERING DIVISION,  
M.M.R.D.A.

**Project Note**

Proposed forest land along with details of village name, Survey/Gut no, Area in 0.9850 Ha. Status of Forest distance from the nearest town/village is given by as per statement.

Estimated project cost is Rs. 23.89 Crores no forest activities have taken place in the above mentioned & there is no violation of forest (Conservation) Act 1980 and its guidelines.

Mumbai Metropolitan Region Development Authority is willing to pay all the necessary costs as per Government of India's norms.

  
(ARVIND B. DHABE)  
DEPUTY ENGINEER - I  
ENGINEERING DIVISION  
M.M.R.D.A.

**Certificate regarding required Annexure furnished in English**

**Name of Project: Diversion of Forest land for Widening and Improvement of Neral-Dasturi Road in Karjat Taluka, Raigad Dist.**

This is to certify that the required Annexure and the particulars to the proposal is furnished in English.

Place:

Date:

  
**(ARVIND B. DHABE)**  
DEPUTY ENGINEER- I,  
ENGINEERING DIVISION,  
M.M.R.D.A.

**(JAYOTI BANERJEE)**  
DEPUTY CONSERVATOR OF FOREST  
ALIBAG FOREST DIVISION  
ALIBAG

**Diversion of Forest land for Widening and Improvement of Neral-Dasturi Road in  
Karjat Taluka, Raigad Dist.**

**Documents verification certificate**

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Certified that all the documents enclosed here with the proposal have  
been scrutinized as per the revised check list and found correct.

Place:

Date: / / 2016

**(JAYOTI BANERJEE)**  
**DEPUTY CONSERVATOR OF FORESTS**  
**ALIBAG FOREST DIVISION**  
**ALIBAG**

**Diversion of Forest land for Widening and Improvement of Neral-Dasturi Road in  
Karjat Taluka, Raigad Dist.**

**Certificate of about absences of alternative about the project.**

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This is to certify that since the project is widening and improvement existing road, no suitable alternative non-forest land is available other than forest. Gut No. Village- Neral- 110pt., 333pt., 331pt., and village-Bekare- 101pt., Tal. Karjat, Dist. Raigad and demand for the forest land is minimum & unavoidable.

Place:

Date: / /2016.

**(JAYOTI BANERJEE)**  
**DEPUTY CONSERVATOR OF FORESTS**  
**ALIBAG FOREST DIVISION**  
**ALIBAG**

**Diversion of Forest land for Widening and Improvement of Neral-Dasturi Road in  
Karjat Taluka, Raigad Dist.**

**Minimum Demand of Forest Area- Certificate of  
Project Authority**

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This is to certify that no suitable alternative Non-Forest Land is available for the purpose and required forest land is lowest minimum & unavoidable for Widening and Improvement of existing road



**(ARVIND B. DHABE)  
DEPUTY ENGINEER - I,  
ENGINEERING DIVISION,  
M.M.R.D.A.**



**CERTIFICATE**

**Compensatory Afforestation Cost- Certificate of Project Authority**

Certified that, the project authority is agreed to defray the cost as determined by the Forest Department of Compensatory Afforestation in lieu of Forest land required for the purpose Diversion of Forest land for Widening and Improvement of Neral-Dasturi Road in Karjat Taluka, Raigad Dist.

Place:

Date:

**Project Authority,**



**(ARVIND B. DHABE)**  
DEPUTY ENGINEER- I  
ENGINEERING DIVISION,  
M.M.R.D.A.

**Diversion of Forest land for Widening and Improvement of Neral-Dasturi Road in  
Karjat Taluka, Raigad Dist.**

No violation of forest (Conservation) Act, 1980 / Guidelines under it - Certificate of  
Project Authority

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This is to certify that, the provisions of Forest (Conservation) Act, 1980 and its guidelines have not been violated in Diversion of Forest land for Widening and Improvement of Neral-Dasturi Road in village Neral and Bekare, Tal. Karjat, Dist. Raigad.



**(ARVIND B. DHABE)**  
DEPUTY ENGINEER- I,  
ENGINEERING DIVISION,  
M.M.R.D.A.

**Diversion of Forest land for Widening and Improvement of Neral-Dasturi Road in  
Karjat Taluka, Raigad Dist**

**CERTIFICATE**

**Certificate of forest department Violation / No violation of Forest (Conservation)  
Act, 1980**

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Certified that work Widening and Improvement of Neral Matheran Road in Karjat Taluka, Raigad Dist on length 6700 meter of village as per list attached has not been started in forest land as well as in non forest land and No violation of Forest (Conservation) Act, 1980 and or its guidelines have been committed. The work in forest land will be started only after Government of India accords permission.

Place:

Date: / / 2016.

**(JAYOTI BANERJEE)**  
**DEPUTY CONSERVATOR OF FORESTS**  
**ALIBAG FOREST DIVISION**  
**ALIBAG**

**Diversion of Forest land for Widening and Improvement of Neral-Dasturi Road in  
Karjat Taluka, Raigad Dist**

Net Present Value - Project Authority:

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**Undertaking**

Project Authority hereby gives an undertaking to defray the Net Present Value of area 0.9850 Ha. Proposed for Non-Forest use for the project of Widening and Improvement in forest Neral- 110pt., 333pt., 331pt., and village Bekare- 101pt. Tal. Karjat, District Raigad as fixed by the Forest Department.



**(ARVIND B. DHABE)**  
DEPUTY ENGINEER- I,  
ENGINEERING DIVISION,  
M.M.R.D.A.

**Diversion of Forest land for Widening and Improvement of Neral-Dasturi Road in  
Karjat Taluka, Raigad Dist**

**UNDERTAKING**

**For submitting Certificate from Collector Raigad regarding  
Scheduled tribes and other Traditional Forest Dwellers  
(Recognition of Forest Rights) Act 2006 (FRA- 2006)**

|                              |                                                                                                                 |
|------------------------------|-----------------------------------------------------------------------------------------------------------------|
| <b>Name of<br/>Project</b>   | : Diversion of Forest land for Widening and Improvement<br>of Neral-Dasturi Road in Karjat Taluka, Raigad Dist. |
| <b>Project<br/>Authority</b> | : Mumbai Metropolitan Region Development<br>Authority (MMRDA)                                                   |

I, the Undersigned, Project Authority of the above mentioned project hereby undertake that the required certificate in respect of settlement of rights in accordance with the Scheduled Tribes and other Traditional Forest Dwellers (Recognition of Forest Rights) Act 2006 on the forest land Proposed for diversion will be submitted on receipt from Collector Raigad or at the time of compliance of Stage I approval.

Necessary application is already submitted to the Collector Raigad on 11/11/2016.

  
(ARVIND B. DHABE)  
DEPUTY ENGINEER- I,  
ENGINEERING DIVISION,  
M.M.R.D.A.

**Diversion of Forest land for Widening and Improvement of Neral-Dasturi Road in  
Karjat Taluka, Raigad Dist.**

**CERTIFICATE**

Archeological importance

This is to certify that, Diversion of Forest land for Widening and Improvement of Neral-Dasturi Road in Karjat Taluka, Raigad Dist of villages as per list attached is not likely to affect any monument site of cultural, religious, archeological or recreational importance.

Place:

Date:

(JAYOTI BANERJEE)  
DEPUTY CONSERVATOR OF FORESTS  
ALIBAG FOREST DIVISION  
ALIBAG

**Diversion of Forest land for Widening and Improvement of Neral-Dasturi Road in  
Karjat Taluka, Raigad Dist.**

**COST BENEFIT ANALYSIS**

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Cost benefit analysis is applicable to the proposal involving forest land up to 20ha. in plains and up to 5 ha. in hills. The present proposed for Widening and Improvement of Neral Dasturi Road in Karjat Taluka, Raigad Dist on length 8700 meter road is hill Forest land for an area less than 5 ha, cost benefit analysis is not applicable to the proposal.

  
(ARVIND B. DHABE)  
DEPUTY ENGINEER- I  
ENGINEERING DIVISION  
M.M.R.D.A.

(JAYOTI BANERJEE)  
DEPUTY CONSERVATOR OF FOREST  
ALIBAG FOREST DIVISION  
ALIBAG



**SITE INSPECTION REPORT**  
**ALIBAG FOREST DIVISION, ALIBAG**  
 (Under Forest Conservation Act, 1980)

| Sr. No. | Items                                                                                                                                                                                                               | Observation and remarks                                                                                           |
|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| 1.      | Name of the Project and location (Range, Round, Beat)                                                                                                                                                               | <b>Diversion of Forest land for Widening and Improvement of Neral-Dasturi Road in Karjat Taluka, Raigad Dist.</b> |
|         | Location i) Division                                                                                                                                                                                                | Alibag Forest Division                                                                                            |
|         | ii) Range                                                                                                                                                                                                           | Karjat                                                                                                            |
|         | iii) Round                                                                                                                                                                                                          | Karjat                                                                                                            |
|         | iv) S No.                                                                                                                                                                                                           | As per area statement                                                                                             |
| 2.      | Name of the User Agency                                                                                                                                                                                             | Mumbai Metropolitan Region Development Authority                                                                  |
| 3.      | Date of Site Inspection                                                                                                                                                                                             |                                                                                                                   |
| 4.      | Extent (ha) and legal status of forest land proposed for diversion.                                                                                                                                                 | 0 9850 Ha. Reserved Forest.                                                                                       |
| 5.      | a) Details of forest land proposed for diversion and activity-wise break-up of forest land.                                                                                                                         | Detailed area statement attached on page No                                                                       |
|         | b) Density of the forest.                                                                                                                                                                                           | The density is below ...                                                                                          |
| 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. | Yes                                                                                                               |
| 7.      | Whether the proposal involves any construction of building (including residential) or not? If yes, details thereof.                                                                                                 | No                                                                                                                |
| 8.      | a. Whether forest area proposed for diversion is important from wildlife point of view or not.                                                                                                                      | No                                                                                                                |
|         | b. Details of any rare or endangered or unique species of flora and fauna found in proposed forest land. If so, the details thereof.                                                                                | Not seen.                                                                                                         |
|         | c. Aerial distance from the nearest boundary of any Protected Area(km)                                                                                                                                              | Approximate aerial distance of proposed area is ... km from .....                                                 |
|         | d. Remarks about sensitivity of the forest area likely to be affected due to project.                                                                                                                               | ---                                                                                                               |
|         | e. Whether wildlife mitigation plan is required? If, yes, reason therefore.                                                                                                                                         | No                                                                                                                |
| 9.      | Details of vegetation                                                                                                                                                                                               |                                                                                                                   |
|         | a. Total number of trees to be felled.                                                                                                                                                                              | Nil                                                                                                               |
|         | b. Number of trees to be felled of girth below 50 cm.                                                                                                                                                               | Nil                                                                                                               |

|     |                                                                                                                                                                                               |                                                                                                                                                                                         |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|     | c. Number of trees to be felled of girth above 80 cm                                                                                                                                          | Nil                                                                                                                                                                                     |
|     | d. Effect of removal of trees on the general ecosystem in the area                                                                                                                            | N A                                                                                                                                                                                     |
| 10. | Background note on the proposal (short summary)                                                                                                                                               | Project summary is attached at page no. ....                                                                                                                                            |
| 11. | Whether the proposal involves any violation of Forest (Conservation) Act, 1980? If yes, a detailed report on violation including action taken against the concerned officials to be attached. | No                                                                                                                                                                                      |
| 12. | Whether the proposal involves rehabilitation of displaced person. If yes, whether rehabilitation plan has been approved by the State Government?                                              | No                                                                                                                                                                                      |
| 13. | Details on catchment and cultivable command area under the project (if applicable)                                                                                                            | Nil                                                                                                                                                                                     |
|     | Status of catchment area treatment plan to prevent siltation of reservoir (if applicable)                                                                                                     |                                                                                                                                                                                         |
| 14. | Utility of the Project                                                                                                                                                                        | The Project under reference is widening & improvement of existing Neral-Dasturi Road to enable convenient & safe travel for tourist & local citizens.                                   |
| 15. | Whether land being diverted has any socio-cultural / religious values? Whether any sacred groves or very old growth trees/forests exist in the areas proposed for diversion                   | No                                                                                                                                                                                      |
| 16. | Any other important information related to the project (Separate note may be attached, if required)                                                                                           | No                                                                                                                                                                                      |
| 17. | Details of document and photographs enclosed:                                                                                                                                                 |                                                                                                                                                                                         |
| 18. | Recommendations of the Inspecting Officer (CCF/CF/DCF)                                                                                                                                        | The project under reference is part of public infrastructure facility and essential for convenient & safe travel for tourist & local citizens. Hence, the proposal is being recommended |

Place:

Date: / /2018

(JAYOTI BANERJEE)  
DEPUTY CONSERVATOR OF FOREST  
ALIBAG FOREST DIVISION  
ALIBAG

| ALIBAG FOREST DIVISION                                                                                        |                                                                                                                                                                                                                                   |         |                  |                 |          |                      |                 |          |
|---------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|------------------|-----------------|----------|----------------------|-----------------|----------|
| RATE STRUCTURE FOR COMPENSTORY AFFORESTATION ON WORKS IN ZONE II & III HEAVY RAIN FALL AREA (2500 PLANTS/ha.) |                                                                                                                                                                                                                                   |         |                  |                 |          |                      |                 |          |
| Village - NERAL & BEKARE                                                                                      |                                                                                                                                                                                                                                   |         | TALUKA - KARJAT, |                 |          | DISTRICT - RAIGAD.   |                 |          |
| DAILY WAGES RATE                                                                                              |                                                                                                                                                                                                                                   |         | 295.48           |                 |          | Area :- 1.000 Hector |                 |          |
| Sr. No.                                                                                                       | Particulars of works                                                                                                                                                                                                              | Mandays | Wages            | Material supply | Total    | Wages                | Material supply | Total    |
| A) Per Monsoon Works P.P.O (P.Y.O.)                                                                           |                                                                                                                                                                                                                                   |         |                  |                 |          |                      |                 |          |
| 1                                                                                                             | A) Survey & Demarcation                                                                                                                                                                                                           | 1.00    | 295.48           | 50.00           | 345.48   | 295.48               | 50.00           | 345.48   |
|                                                                                                               | B) Preparation of treatment map including laying of grids at (100mx50m grid)                                                                                                                                                      | 1.00    | 295.48           | 50.00           | 345.48   | 295.48               | 50.00           | 345.48   |
|                                                                                                               | C) Clearing of bushes and preparation of site (As per requirement)                                                                                                                                                                | 10.00   | 2954.80          | 50.00           | 3004.80  | 2954.80              | 50.00           | 3004.80  |
| 2                                                                                                             | Soil and moisture conservation works including collection of rubbles from areas upto 30m etc.                                                                                                                                     | 31.00   | 9159.88          | 0.00            | 9159.88  | 9159.88              | 0.00            | 9159.88  |
| 3                                                                                                             | Digging of Trench cum mound (TCM) of size: 1.50mx 80mx1m along the periphery of plantation area including spreading/stacking the excavated soil as directed in 1 m width and 1m high. Length 102 Rmt per H. / 127.50 cum per ha.) | 82.57   | 24397.78         | 50.00           | 24447.78 | 24397.78             | 50.00           | 24447.78 |
| 4                                                                                                             | Alignment of pits at 2mx2m spacing - 2500 pits per ha. (0.13M.D. per 50 pits) MSS @ Rs. 2.24 per 50 pits.                                                                                                                         | 6.50    | 1920.62          | 112.00          | 2032.62  | 1920.62              | 112.00          | 2032.62  |

|                        |                                                                                                                                                                         |               |                  |                |                  |                  |                |                  |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------------|----------------|------------------|------------------|----------------|------------------|
| 5                      | Digging of pits of size 0.45x0.45x0.45m (2500 pits per ha) @ 6.60M.O. per 100 pits                                                                                      | 165.00        | 48754.20         | 0.00           | 48754.20         | 48754.20         | 0.00           | 48754.20         |
| 6                      | Part Nursery cost for raising 3000 seedlings per ha (including 20% casualty replacement) in polybag of size 12.50 X 25.00cm (Wages Rs. 8.00 and M&S Rs. 1.25 per Plant) | 105.34        | 31066.77         | 6280.00        | 36346.77         | 31066.77         | 5280.00        | 36346.77         |
| 7                      | Cost of apple suckers (420 per ha) Rs. 25 per 100 suckers (or cost of prosopis, chilar etc seed for sowing on CCT)                                                      | 1.68          | 496.41           | 315.00         | 811.41           | 496.41           | 315.00         | 811.41           |
| <b>TOTAL :-</b>        |                                                                                                                                                                         | <b>403.89</b> | <b>119341.42</b> | <b>5907.00</b> | <b>125248.42</b> | <b>119341.42</b> | <b>5907.00</b> | <b>125248.42</b> |
| Contingency 3%         |                                                                                                                                                                         |               | 3580.24          | 177.21         | 3757.45          | 3580.24          | 177.21         | 3757.45          |
| Labour welfare 4%      |                                                                                                                                                                         |               | 4773.66          | 238.28         | 5006.94          | 4773.66          | 238.28         | 5006.94          |
| <b>TOTAL :-</b>        |                                                                                                                                                                         |               | <b>127895.32</b> | <b>6320.49</b> | <b>134015.81</b> | <b>127895.32</b> | <b>6320.49</b> | <b>134015.81</b> |
| <b>SAY AS TOTAL :-</b> |                                                                                                                                                                         |               |                  |                | <b>134016</b>    |                  |                | <b>134016</b>    |

| Sr. No.                         | Particulars of works                                                                                                                                | Mandays       | Wages           | Material supply | Total           | Wages           | Material supply | Total           |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| <b>B) First Year Operations</b> |                                                                                                                                                     |               |                 |                 |                 |                 |                 |                 |
| 1                               | Part Nursery cost for maintenance of 3000 seedling per ha. Rs. 264 per seedling (Wages Rs. 2.20 M&S Rs. 0.44)                                       | 25.20         | 7768.17         | 1320.00         | 9088.17         | 7768.17         | 1320.00         | 9088.17         |
| 2                               | Refilling of pits by good quality soil including application of single super phosphate (1.60MD per 100 pits)                                        | 41.50         | 12262.42        | 1200.00         | 13462.42        | 12262.42        | 1200.00         | 13462.42        |
| 3                               | Transport of seedlings from nursery to plantation site (including loading & unloading) Rs. 1.00 per seedling wages 0.14mm/ per 100 seedlings        | 4.20          | 1241.02         | 3000.00         | 4241.02         | 1241.02         | 3000.00         | 4241.02         |
| 4                               | Digging and transportation of agave suckers from nursery to plantation site and planting                                                            | 3.68          | 496.41          | 0.00            | 496.41          | 496.41          | 0.00            | 496.41          |
| 5                               | Planting of 2500 seedlings ( 1.1 M.D. per 100 seedlings)                                                                                            | 27.50         | 8125.70         | 0.00            | 8125.70         | 8125.70         | 0.00            | 8125.70         |
| 6                               | Casualty replacement (20% 500 seedling per ha.) (2 M.D. per 100 seedlings)                                                                          | 10.00         | 2954.80         | 0.00            | 2954.80         | 2954.80         | 0.00            | 2954.80         |
| 7                               | 3 weeding and 2 soil working (3.50 M.D. per 100 seedlings) fertilizer application Rs. 0.45 per seedling                                             | 67.50         | 25854.50        | 1125.00         | 26979.50        | 25854.50        | 1125.00         | 26979.50        |
| 8                               | Watch and ward ( 10 months - 1 watcher per 10 ha.)                                                                                                  | 30.00         | 8864.40         | 0.00            | 8864.40         | 8864.40         | 0.00            | 8864.40         |
| 9                               | Fire tracing                                                                                                                                        | 2.00          | 590.96          | 0.00            | 590.96          | 590.96          | 0.00            | 590.96          |
| 10                              | Part Nursery cost for casualty replacement in SYO (500 seedlings per ha.) (wages Rs.8.80 and material supply Rs. 1.76 total Rs. 10.56 per seedling) | 17.52         | 5176.81         | 880.00          | 6056.81         | 5176.81         | 880.00          | 6056.81         |
| 11                              | Special technical assistance                                                                                                                        | 0.00          | 0.00            | 0.00            | 3700.00         | 0.00            | 0.00            | 3700.00         |
|                                 | <b>TOTAL :-</b>                                                                                                                                     | <b>248.19</b> | <b>73335.18</b> | <b>7525.00</b>  | <b>84960.18</b> | <b>73335.18</b> | <b>7525.00</b>  | <b>84960.18</b> |
|                                 | Contingency 3%                                                                                                                                      |               | 2200.06         | 225.75          | 2536.81         | 2200.06         | 225.75          | 2536.81         |
|                                 | Labour welfare 4%                                                                                                                                   |               | 2933.41         | 301.00          | 3234.41         | 2933.41         | 301.00          | 3234.41         |
|                                 | <b>TOTAL :-</b>                                                                                                                                     | <b>248.19</b> | <b>78468.64</b> | <b>8551.75</b>  | <b>90331.39</b> | <b>78468.64</b> | <b>8551.75</b>  | <b>90331.39</b> |
|                                 | <b>SAY AS TOTAL :-</b>                                                                                                                              |               |                 |                 | <b>90331</b>    |                 |                 | <b>90331</b>    |

| Sr. No.                         | Particulars of works                                                                                                                                  | Mandays       | Wages           | Material supply | Total           | Wages           | Material supply | Total           |
|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| <b>C) Second Year Operation</b> |                                                                                                                                                       |               |                 |                 |                 |                 |                 |                 |
| 1                               | Plant nursery cost for seedlings for casualty replacement (500 seedlings per ha.)                                                                     | 4.38          | 1294.20         | 220.00          | 1514.20         | 1294.20         | 220.00          | 1514.20         |
| 2                               | Transportation of seedlings for casualty replacement from Nursery to planting site (including loading and unloading) wages @ 14M D. per 100 seedlings | 0.70          | 206.84          | 500.00          | 706.84          | 206.84          | 500.00          | 706.84          |
| 3                               | Casualty replacement (500 seedling per ha.) 2 M.D. per 100 seedling                                                                                   | 10.00         | 2954.80         | 0.00            | 2954.80         | 2954.80         | 0.00            | 2954.80         |
| 4                               | 2 weedings and 1 soil working, with fertilizer application at Rs. 0.45 per seedling                                                                   | 62.50         | 18467.50        | 1125.00         | 19592.50        | 18467.50        | 1125.00         | 19592.50        |
| 5                               | Fire tracing                                                                                                                                          | 2.00          | 590.96          | 0.00            | 590.96          | 590.96          | 0.00            | 590.96          |
| 7                               | Watch and ward 12 months - 1 watcher per 10.00 ha.                                                                                                    | 30.50         | 10785.02        | 0.00            | 10785.02        | 10785.02        | 0.00            | 10785.02        |
|                                 | <b>TOTAL :-</b>                                                                                                                                       | <b>116.08</b> | <b>34299.32</b> | <b>1845.00</b>  | <b>36144.32</b> | <b>34299.32</b> | <b>1845.00</b>  | <b>36144.32</b> |
|                                 | Contingency 3%                                                                                                                                        |               | 1028.99         | 56.35           | 1084.33         | 1028.98         | 56.35           | 1084.33         |
|                                 | Labour welfare (Moor & water) 4%                                                                                                                      |               | 1371.97         | 73.80           | 1445.77         | 1371.97         | 73.80           | 1445.77         |
|                                 | Special technical assistance                                                                                                                          |               |                 |                 | 3700.00         |                 | 0.00            | 3700.00         |
|                                 | <b>TOTAL :-</b>                                                                                                                                       | <b>116.08</b> | <b>36700.27</b> | <b>1974.15</b>  | <b>42374.42</b> | <b>36700.27</b> | <b>1974.15</b>  | <b>42374.42</b> |
|                                 | <b>SAY AS TOTAL :-</b>                                                                                                                                |               |                 |                 | <b>42374</b>    |                 |                 | <b>42374</b>    |



| Sr. No.                         | Particulars of works                                       | Mandays      | Wages           | Material supply | Total           | Wages           | Material supply | Total           |
|---------------------------------|------------------------------------------------------------|--------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| <b>D) Third Year Operation</b>  |                                                            |              |                 |                 |                 |                 |                 |                 |
| 1                               | 1 weeding and 1 soil working (1.50 M.D. per 100 seedlings) | 37.50        | 11080.50        | 0.00            | 11080.50        | 11080.50        | 0.00            | 11080.50        |
| 3                               | Fire tracing                                               | 2.00         | 590.96          | 0.00            | 590.96          | 590.96          | 0.00            | 590.96          |
| 2                               | Watch and ward 12 months -1 watcher per 10.00 ha.          | 36.50        | 10785.02        | 0.00            | 10785.02        | 10785.02        | 0.00            | 10785.02        |
|                                 | <b>TOTAL :-</b>                                            | <b>76.00</b> | <b>22456.48</b> | <b>0.00</b>     | <b>22456.48</b> | <b>22456.48</b> | <b>0.00</b>     | <b>22456.48</b> |
|                                 | Contingency 2%                                             |              | 673.69          | 0.00            | 673.69          | 673.69          | 0.00            | 673.69          |
|                                 | Labour welfare 4%                                          |              | 898.26          | 0.00            | 898.26          | 898.26          | 0.00            | 898.26          |
|                                 | <b>TOTAL :-</b>                                            |              | <b>24028.43</b> | <b>0.00</b>     | <b>24028.43</b> | <b>24028.43</b> | <b>0.00</b>     | <b>24028.43</b> |
|                                 | <b>SAY AS TOTAL :-</b>                                     |              |                 |                 | <b>24028</b>    |                 |                 | <b>24028</b>    |
|                                 |                                                            |              |                 |                 |                 |                 |                 |                 |
| Sr. No.                         | Particulars of works                                       | Mandays      | Wages           | Material supply | Total           | Wages           | Material supply | Total           |
| <b>E) Fourth Year Operation</b> |                                                            |              |                 |                 |                 |                 |                 |                 |
| 1                               | Fire tracing                                               | 2.00         | 590.96          | 0.00            | 590.96          | 590.96          | 0.00            | 590.96          |
| 2                               | Watch and ward 12 months -1 watcher per 10.00 ha.          | 36.50        | 10785.02        | 0.00            | 10785.02        | 10785.02        | 0.00            | 10785.02        |
|                                 | <b>TOTAL :-</b>                                            | <b>38.50</b> | <b>11375.98</b> | <b>0.00</b>     | <b>11375.98</b> | <b>11375.98</b> | <b>0.00</b>     | <b>11375.98</b> |
|                                 | Contingency 3%                                             |              | 341.28          | 0.00            | 341.28          | 341.28          | 0.00            | 341.28          |
|                                 | Labour welfare 4%                                          |              | 455.04          | 0.00            | 455.04          | 455.04          | 0.00            | 455.04          |
|                                 | <b>TOTAL :-</b>                                            |              | <b>12172.30</b> | <b>0.00</b>     | <b>12172.30</b> | <b>12172.30</b> | <b>0.00</b>     | <b>12172.30</b> |
|                                 | <b>SAY AS TOTAL :-</b>                                     |              |                 |                 | <b>12172</b>    |                 |                 | <b>12172</b>    |

| Sr. No.                        | Particulars of works                                                                                    | Mandays      | Wages           | Material supply | Total           | Wages           | Material supply | Total           |
|--------------------------------|---------------------------------------------------------------------------------------------------------|--------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| <b>F) Fifth Year Operation</b> |                                                                                                         |              |                 |                 |                 |                 |                 |                 |
| 1                              | Fire tracing                                                                                            | 2.00         | 590.96          | 0.00            | 590.96          | 590.96          | 0.00            | 590.96          |
| 2                              | Watch and ward for 12 months, he will do resowing of seeds & carry out poka cutting and protection work | 36.50        | 10785.02        | 0.00            | 10785.02        | 10785.02        | 0.00            | 10785.02        |
|                                | <b>TOTAL :-</b>                                                                                         | <b>38.50</b> | <b>11375.98</b> | <b>0.00</b>     | <b>11375.98</b> | <b>11375.98</b> | <b>0.00</b>     | <b>11375.98</b> |
|                                | Contingency 3%                                                                                          |              | 341.28          | 0.00            | 341.28          | 341.28          | 0.00            | 341.28          |
|                                | Labour welfare 4%                                                                                       |              | 455.04          | 0.00            | 455.04          | 455.04          | 0.00            | 455.04          |
|                                | <b>TOTAL :-</b>                                                                                         |              | <b>12172.30</b> | <b>0.00</b>     | <b>12172.30</b> | <b>12172.30</b> | <b>0.00</b>     | <b>12172.30</b> |
|                                | <b>SAY AS TOTAL :-</b>                                                                                  |              |                 |                 | <b>12172</b>    |                 |                 | <b>12172</b>    |
|                                |                                                                                                         |              |                 |                 |                 |                 |                 |                 |
| Sr. No.                        | Particulars of works                                                                                    | Mandays      | Wages           | Material supply | Total           | Wages           | Material supply | Total           |
| <b>G) Sixth Year Operation</b> |                                                                                                         |              |                 |                 |                 |                 |                 |                 |
| 1                              | Fire tracing                                                                                            | 2.00         | 590.96          | 0.00            | 590.96          | 590.96          | 0.00            | 590.96          |
| 2                              | Watch and ward for 12 months, he will do resowing of seeds & carry out poka cutting and protection work | 36.50        | 10785.02        | 0.00            | 10785.02        | 10785.02        | 0.00            | 10785.02        |
|                                | <b>TOTAL :-</b>                                                                                         | <b>38.50</b> | <b>11375.98</b> | <b>0.00</b>     | <b>11375.98</b> | <b>11375.98</b> | <b>0.00</b>     | <b>11375.98</b> |
|                                | Contingency 3%                                                                                          |              | 341.28          | 0.00            | 341.28          | 341.28          | 0.00            | 341.28          |
|                                | Labour welfare 4%                                                                                       |              | 455.04          | 0.00            | 455.04          | 455.04          | 0.00            | 455.04          |
|                                | <b>TOTAL :-</b>                                                                                         |              | <b>12172.30</b> | <b>0.00</b>     | <b>12172.30</b> | <b>12172.30</b> | <b>0.00</b>     | <b>12172.30</b> |
|                                | <b>SAY AS TOTAL :-</b>                                                                                  |              |                 |                 | <b>12172</b>    |                 |                 | <b>12172</b>    |



| Sr. No.                          | Particulars of works                                                                                    | Mandays      | Wages           | Material supply | Total           | Wages           | Material supply | Total           |
|----------------------------------|---------------------------------------------------------------------------------------------------------|--------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| <b>H) Seventh Year Operation</b> |                                                                                                         |              |                 |                 |                 |                 |                 |                 |
| 1                                | Fire tracing                                                                                            | 2.00         | 590.96          | 0.00            | 590.96          | 590.96          | 0.00            | 590.96          |
| 2                                | Watch and ward for 12 months. he will do resowing of seeds & carry out poka cutting and protection work | 36.50        | 10785.02        | 0.00            | 10785.02        | 10785.02        | 0.00            | 10785.02        |
|                                  | <b>TOTAL :-</b>                                                                                         | <b>38.50</b> | <b>11375.98</b> | <b>0.00</b>     | <b>11375.98</b> | <b>11375.98</b> | <b>0.00</b>     | <b>11375.98</b> |
|                                  | Contingency 3%                                                                                          |              | 341.28          | 0.00            | 341.28          | 341.28          | 0.00            | 341.28          |
|                                  | Labour welfare 4%                                                                                       |              | 455.04          | 0.00            | 455.04          | 455.04          | 0.00            | 455.04          |
|                                  | <b>TOTAL :-</b>                                                                                         |              | <b>12172.30</b> | <b>0.00</b>     | <b>12172.30</b> | <b>12172.30</b> | <b>0.00</b>     | <b>12172.30</b> |
|                                  | <b>SAY AS TOTAL :-</b>                                                                                  |              |                 |                 | <b>12172</b>    |                 |                 | <b>12172</b>    |

**ALIBAG FOREST DIVISION**

**RATE STRUCTURE FOR COMPENSTORY AFFORESTATION ON WORKS IN ZONE II & III HEAVY RAIN FALL AREA (2500 PLANTS/Ha.)**

**DAILY WAGES RATE      295.48**

**Area :-              1.000 Hectar**

**Abstract**

| Sr. No. | Particulars of works   | Mandays | Wages            | Material supply | Total         | Wages            | Material supply | Total         |
|---------|------------------------|---------|------------------|-----------------|---------------|------------------|-----------------|---------------|
| 1)      | PPO + PYO              |         | 127695.32        | 5320.49         | 134016        | 127695.32        | 5320.49         | 134016        |
| 2)      | First Year Operation   |         | 78468.64         | 8051.75         | 90331         | 78468.64         | 8051.75         | 90331         |
| 3)      | Second Year Operation  |         | 36700.27         | 1974.15         | 42374         | 36700.27         | 1974.15         | 42374         |
| 4)      | Third Year Operation   |         | 24028.43         | 0.00            | 24028         | 24028.43         | 0.00            | 24028         |
| 5)      | Fourth Year Operation  |         | 12172.30         | 0.00            | 12172         | 12172.30         | 0.00            | 12172         |
| 6)      | Fifth Year Operation   |         | 12172.30         | 0.00            | 12172         | 12172.30         | 0.00            | 12172         |
| 7)      | Sixth Year Operation   |         | 12172.30         | 0.00            | 12172         | 12172.30         | 0.00            | 12172         |
| 8)      | Seventh Year Operation |         | 12172.30         | 0.00            | 12172         | 12172.30         | 0.00            | 12172         |
|         | <b>Total :-</b>        |         | <b>315581.86</b> | <b>16346.39</b> | <b>339439</b> | <b>315581.86</b> | <b>16346.39</b> | <b>339439</b> |

(JAYOTI BANERJEE)  
DEPUTY CONSERVATOR OF FOREST  
ALIBAG FOREST DIVISION  
ALIBAG

| Village Extract Number 7, 7-A & 12 |                    |           |        |                     |          |                             |           |                        |           |                           |           |                  |                                 |      |                   |         |  |
|------------------------------------|--------------------|-----------|--------|---------------------|----------|-----------------------------|-----------|------------------------|-----------|---------------------------|-----------|------------------|---------------------------------|------|-------------------|---------|--|
| Village: Neral                     |                    |           |        | Taluka: Karjat      |          |                             |           |                        |           |                           |           | District: Raigad |                                 |      |                   |         |  |
| Survey No./Gut No.                 |                    | Hissa No. |        | Holding No.         |          | Village form No. 7          |           |                        |           |                           |           |                  | Khaté No.                       |      |                   |         |  |
| 110                                |                    |           |        |                     |          | Reserve Forest              |           |                        |           |                           |           |                  | Name of Tenants<br>Other rights |      |                   |         |  |
| Cultivable Area                    |                    | Hactor    |        | R.                  |          |                             |           |                        |           |                           |           |                  |                                 |      |                   |         |  |
| Non Irrigated                      |                    | --        |        | --                  |          |                             |           |                        |           |                           |           |                  |                                 |      |                   |         |  |
| Irrigated                          |                    |           |        |                     |          |                             |           |                        |           |                           |           |                  |                                 |      |                   |         |  |
| Pady land                          |                    |           |        |                     |          |                             |           |                        |           |                           |           |                  |                                 |      |                   |         |  |
| Total                              |                    | 0         |        | 00                  |          |                             |           |                        |           |                           |           |                  |                                 |      |                   |         |  |
| Fall Out                           |                    |           |        |                     |          |                             |           |                        |           |                           |           |                  |                                 |      |                   |         |  |
| Class (a)                          |                    | 73        |        | 63                  |          |                             |           |                        |           |                           |           |                  |                                 |      |                   |         |  |
| Class (b)                          |                    |           |        |                     |          |                             |           |                        |           |                           |           |                  |                                 |      |                   |         |  |
| Total                              |                    | 73        |        | 63                  |          |                             |           |                        |           |                           |           |                  |                                 |      |                   |         |  |
| Aneswari Rs.                       |                    |           |        |                     |          |                             |           |                        |           |                           |           |                  |                                 |      |                   |         |  |
| Coss or                            |                    |           |        |                     |          |                             |           |                        |           |                           |           |                  |                                 |      |                   |         |  |
| Special Coss                       |                    |           |        |                     |          |                             |           |                        |           |                           |           |                  |                                 |      |                   |         |  |
| About water                        |                    |           |        |                     |          |                             |           |                        |           |                           |           |                  |                                 |      |                   |         |  |
| Total                              |                    | --        |        | --                  |          |                             |           |                        |           |                           |           |                  |                                 |      |                   |         |  |
|                                    |                    |           |        |                     |          |                             |           |                        |           |                           |           |                  |                                 |      |                   |         |  |
| Village Extract No. 7-4            |                    |           |        |                     |          |                             |           | Village Extract No. 12 |           |                           |           |                  |                                 |      |                   |         |  |
| Year                               | Name of Cultivator | Type      | Season | Area under Mix crop |          | Name of crop under mix crop |           |                        |           | Area n under Non-Mix crop |           |                  | Particular of & Non unable land |      | Irrigation system | Remarks |  |
|                                    |                    |           |        | Numerical           | Mix crop | Non-Irrigated               | Irrigated | Non-Irrigated          | Irrigated | Crop Name                 | Irrigated | Non-Irrigated    | Type                            | Area |                   |         |  |
| 1                                  | 2                  | 3         | 4      | 5                   | 6        | 7                           | 8         | 9                      | 10        | 11                        | 12        | 13               | 14                              | 15   | 16                | 17      |  |
| 2015-2016                          |                    |           |        |                     |          |                             |           |                        |           | Grazing waste             |           |                  |                                 |      |                   |         |  |

True Extract Given

Date: - 29/09/2018

Sd/-  
Talathi  
Neral  
Taluka: Karjat, District Raigad.

**Village Extract Number 7, 7-A & 12**

| Village: Neral     |           |             | Taluka Karjat      |  | District: Raigad                |  |
|--------------------|-----------|-------------|--------------------|--|---------------------------------|--|
| Survey No./Gut No. | Hissa No. | Holding No. | Village form No. 7 |  | Khat No.                        |  |
| 331                |           |             | Reserve Forest     |  |                                 |  |
| Cultivable Area:   | Hactor    | R.          |                    |  |                                 |  |
| Non Irrigated      | —         | —           |                    |  |                                 |  |
| Irrigated          |           |             |                    |  |                                 |  |
| Pady land          |           |             |                    |  |                                 |  |
| Total              | 0         | 00          |                    |  |                                 |  |
|                    |           |             |                    |  |                                 |  |
| Fall Out           |           |             |                    |  |                                 |  |
| Class (a)          | 141       | 81          |                    |  |                                 |  |
| Class (b)          |           |             |                    |  |                                 |  |
| Total              | 141       | 81          |                    |  |                                 |  |
| Araswari Rs.       |           |             |                    |  | Name of Tenants<br>Other rights |  |
| Coss or            |           |             |                    |  |                                 |  |
| Special Coss       |           |             |                    |  |                                 |  |
| About water        |           |             |                    |  |                                 |  |
| Total              | —         | —           |                    |  |                                 |  |

**Village Extract No. 7-4**

**Village Extract No. 12**

| Year      | Name of Cultivator | Type | Season | Area under Mix crop |          |               | Name of crop under mix crop |          |               | Area n under Non- Mix crop |          |               | Particular of & Non unale land |      | Irrigation system | Remarks |
|-----------|--------------------|------|--------|---------------------|----------|---------------|-----------------------------|----------|---------------|----------------------------|----------|---------------|--------------------------------|------|-------------------|---------|
|           |                    |      |        | Numerical           | Ingrated | Non-irrigated | Crop                        | Ingrated | Non-irrigated | Crop                       | Ingrated | Non-irrigated | Type                           | Area |                   |         |
| 1         | 2                  | 3    | 4      | 5                   | 6        | 7             | 8                           | 9        | 10            | 11                         | 12       | 13            | 14                             | 15   | 16                | 17      |
| 2015-2016 |                    |      |        |                     |          |               |                             |          |               | Grazing waste              |          |               |                                |      |                   |         |

True Extract Given

Date: - 29/09/2016

Sd/-  
Talathi  
Neral  
Taluka Karjat, District Raigad

| Village Extract Number 7, 7-A & 12 |                    |           |        |                     |             |                    |                             |      |           |                           |           |           |                                 |                  |                   |                 |  |
|------------------------------------|--------------------|-----------|--------|---------------------|-------------|--------------------|-----------------------------|------|-----------|---------------------------|-----------|-----------|---------------------------------|------------------|-------------------|-----------------|--|
| Village: Neral                     |                    |           |        | Taluka: Karjat      |             |                    |                             |      |           |                           |           |           |                                 | District: Raigad |                   |                 |  |
| Survey No./Gut No.                 |                    | Hissa No. |        | Holding No.         |             | Village form No. 7 |                             |      |           |                           |           |           |                                 |                  |                   | Khat No.        |  |
| 333                                |                    |           |        |                     |             | Reserve Forest     |                             |      |           |                           |           |           |                                 |                  |                   |                 |  |
| Cultivable Area                    |                    | Factor    |        | R.                  |             |                    |                             |      |           |                           |           |           |                                 |                  |                   |                 |  |
| Non Irrigated                      |                    | —         |        | —                   |             |                    |                             |      |           |                           |           |           |                                 |                  |                   |                 |  |
| Irrigated                          |                    |           |        |                     |             |                    |                             |      |           |                           |           |           |                                 |                  |                   |                 |  |
| Pady land                          |                    |           |        |                     |             |                    |                             |      |           |                           |           |           |                                 |                  |                   |                 |  |
| Total                              |                    | 0         |        | 00                  |             |                    |                             |      |           |                           |           |           |                                 |                  |                   | Name of Tenants |  |
|                                    |                    |           |        |                     |             |                    |                             |      |           |                           |           |           |                                 |                  |                   | Other rights    |  |
| Fall Out                           |                    |           |        |                     |             |                    |                             |      |           |                           |           |           |                                 |                  |                   |                 |  |
| Class (a)                          |                    | 279       |        | 83                  |             |                    |                             |      |           |                           |           |           |                                 |                  |                   |                 |  |
| Class (b)                          |                    |           |        |                     |             |                    |                             |      |           |                           |           |           |                                 |                  |                   |                 |  |
| Total                              |                    | 279       |        | 83                  |             |                    |                             |      |           |                           |           |           |                                 |                  |                   |                 |  |
| Aneswar Rs                         |                    |           |        |                     |             |                    |                             |      |           |                           |           |           |                                 |                  |                   |                 |  |
| Coss or                            |                    |           |        |                     |             |                    |                             |      |           |                           |           |           |                                 |                  |                   |                 |  |
| Special Coss                       |                    |           |        |                     |             |                    |                             |      |           |                           |           |           |                                 |                  |                   |                 |  |
| About water                        |                    |           |        |                     |             |                    |                             |      |           |                           |           |           |                                 |                  |                   |                 |  |
| Total                              |                    | —         |        | —                   |             |                    |                             |      |           |                           |           |           |                                 |                  |                   |                 |  |
| Village Extract No. 7-4            |                    |           |        |                     |             |                    |                             |      |           |                           |           |           |                                 |                  |                   |                 |  |
| Village Extract No. 12             |                    |           |        |                     |             |                    |                             |      |           |                           |           |           |                                 |                  |                   |                 |  |
| Year                               | Name of Cultivator | Type      | Season | Area under Mix crop |             |                    | Name of crop under mix crop |      |           | Area n under Non-Mix crop |           |           | Particular of & Non unable land |                  | Irrigation system | Remarks         |  |
|                                    |                    |           |        | Numenca             | 1 Mix areas | Irrigated          | Non-Irrigated               | Crop | Irrigated | Non-Irrigated             | Crop Name | Irrigated | non Irrigated                   | Type             | Area              |                 |  |
| 1                                  | 2                  | 3         | 4      | 5                   | 6           | 7                  | 8                           | 9    | 10        | 11                        | 12        | 13        | 14                              | 15               | 16                | 17              |  |
| 2015-2016                          |                    |           |        |                     |             |                    |                             |      |           |                           |           |           |                                 |                  |                   |                 |  |
| Grazing waste                      |                    |           |        |                     |             |                    |                             |      |           |                           |           |           |                                 |                  |                   |                 |  |

True Extract Given

Date: - 29/09/2016

Sd/-  
Talathi  
Neral  
Taluka Karjat, District Raigad.

| Village Extract Number 7, 7-A & 12 |           |             |                    |  | District: Raigad |  |
|------------------------------------|-----------|-------------|--------------------|--|------------------|--|
| Village: Bekare                    |           |             | Taluka: Karjat     |  |                  |  |
| Survey No./Gul No.                 | Hissa No. | Holding No. | Village form No. 7 |  | Khat No.         |  |
| 101                                |           |             | Govt. Forest       |  |                  |  |
| Cultivable Area                    | Hactor    | R.          |                    |  |                  |  |
| Non Irrigated                      | --        | --          |                    |  |                  |  |
| Irrigated                          |           |             |                    |  |                  |  |
| Pady land                          |           |             |                    |  |                  |  |
| Total                              | 0         | 00          |                    |  | Name of Tenants  |  |
|                                    |           |             |                    |  | Other rights     |  |
| Fall Out                           |           |             |                    |  |                  |  |
| Class (a)                          | 156       | 42          |                    |  |                  |  |
| Class (b)                          |           |             |                    |  |                  |  |
| Total                              | 156       | 42          |                    |  |                  |  |
| Aneswar Rs                         |           |             |                    |  |                  |  |
| Cost or                            |           |             |                    |  |                  |  |
| Special Coss                       |           |             |                    |  |                  |  |
| About water                        |           |             |                    |  |                  |  |
| Total                              | --        | --          |                    |  |                  |  |

| Village Extract No. 7-4 |                    |      |        |                     | Village Extract No. 12 |           |                             |      |           |                            |           |           |                                |      |      |               | Irrigation system | Remarks |
|-------------------------|--------------------|------|--------|---------------------|------------------------|-----------|-----------------------------|------|-----------|----------------------------|-----------|-----------|--------------------------------|------|------|---------------|-------------------|---------|
| Year                    | Name of Cultivator | Type | Season | Area under Mix crop |                        |           | Name of crop under mix crop |      |           | Area n under Non- Mix crop |           |           | Particular of & Non unble land |      |      |               |                   |         |
|                         |                    |      |        | Numerical           | Mix crop               | Irrigated | Non-Irrigated               | Crop | Irrigated | Non-Irrigated              | Crop Name | Irrigated | not Irrigated                  | Type | Area |               |                   |         |
| 1                       | 2                  | 3    | 4      | 5                   | 6                      | 7         | 8                           | 9    | 10        | 11                         | 12        | 13        | 14                             | 15   | 16   | 17            |                   |         |
| 2015-2016               |                    |      |        |                     |                        |           |                             |      |           |                            |           |           |                                |      |      | Grazing waste |                   |         |

True Extract Given

Date: - 29/09/2016

Sd/-  
Talathi  
Neral  
Taluka Karjat, District Raigad