

COMPLIANCE REPORT TO STAGE-1 INPRINCIPAL FOREST APPROVAL DATED 29.10.2021 FOR DIVERSION OF 0.6497HA MANGROVE RESERVE FOREST FOR 'BERTHING JETTY, CONVEYOR CORRIDOR WITH BACKUP FACILITIES AND APPROACH ROAD' PROPOSED BY ADANI CEMENTATION LIMITED AT VILLAGE SHAHAPUR AND SHAHBAZ, TALUKA ALIBAG, DISTRICT RAIGAD (MAHARASHTRA)

(PROPOSAL NO.: FP/MH/Others/40665/2019 Dated 14.06.2019)

Letter No.: ACL/Raigad-Jetty/FC/07-22/20

21.07.2022

To

The Deputy Conservator of Forest,
Alibag Forest Division, Alibag Office,
Taluka Alibag, District Raigad, Maharashtra

Sub., Diversion of 0.6497 ha for Berthing Jetty, Conveyor Corridor with Backup facilities and approach road for Raigad Cement Bulk Terminal proposed by Adani Cementation Limited at Village Shahapur, Shahbaz, Taluka Alibag, Distt Raigad in the state of Maharashtra - Regarding Submission of compliance report to In-principal Forest Approval dated 29.10.2021.

Ref.,

1. MOEFCC – IRO, Nagpur FC No.: FC-1/MH-243/2021-NGP/8830 dated 29.10.2021 (Enclosure – 1)
2. Revised Demand Note letter No. B/20/Land/FC/945/2022-23 dated 09.06.2022 issued by Deputy Conservator of Forests, Alibag

Dear Sir,

This is with reference to in-principal approval of Forest Clearance dated 29.10.2021 (Enclosure -1) regarding subject in favor of user agency 'Adani Cementation Limited'. We hereby submitting point wise compliance to the conditions stipulated in said approval for grant of final approval (Stage – 2).

| Sl.No. | Conditions | Compliance |
|--------|--|--|
| I. | Legal status of the forest land shall remain unchanged | <ul style="list-style-type: none">• Agreed• Legal status of forest land measuring 0.6497ha., diverted for the construction of 'Conveyor |

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Adani Corporate House
Shantigram, S G Highway
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Gujarat, India
CIN: U74999GJ2016PLC094589

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info@adani.com
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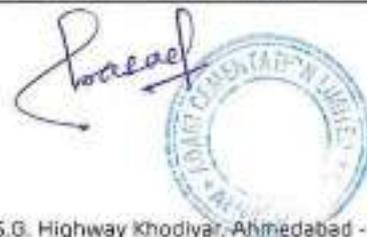


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| | | Corridor and Approach Road' area shall remain unchanged <ul style="list-style-type: none"> • Undertaking enclosed as Annexure 1. |
| II. | Compensatory Afforestation | |
| a. | Compensatory Afforestation shall be taken up by the Forest Department over 1.00 ha. Degraded Forest Land of Reserved Forest in Survey No. 134 A (New S. No. 135) of Village Navedar Beli, Taluka- Alibag Dist. Raigad at the cost of the User Agency. As far as possible, a mixture of local indigenous species along with 10% RET species of Raigad District shall be planted and monoculture of any species may be avoided | <ul style="list-style-type: none"> • An amount of Rs.26,99,459/- has been deposited towards Compensatory Afforestation on degraded forest land i.e. 1ha. by Adani Cementation Limited against online generated challan of Union Bank of India from PARIVESH portal dated 18.06.2022 through RTGS (Reference no. YESBR52022062393522953-2000000096 159022-AD-HOC CAMPA dated 23.06.2022) as per 'Revised Demand Note' received from DCF, Alibag (Annexure 2). Copy of acknowledgment at DCF, Alibag office is enclosed as Annexure 2(a). • Compensatory Afforestation scheme including plantation of indigenous and 10% RET (Rare, Endangered & Threatened) species of Raigad district shall be implemented by Forest Department as per details given for year wise 'Estimate of Mangrove Plantation' along with Demand Note (Annexure 2). |
| III. | The cost of Compensatory Afforestation at the prevailing wage rates as per Compensatory Afforestation scheme and the cost of survey, demarcation and erection of permanent pillars if required on the CA land shall be | <ul style="list-style-type: none"> • Complied • As mentioned in above compliance condition II(a) an amount of Rs.26,99,459/- has been deposited towards Compensatory Afforestation on degraded forest land against |



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| | <p>deposited in advance with the Forest Department by the project authority. The CA will be maintained for 10 years. The scheme may include appropriate provision for anticipated cost increase for works scheduled for subsequent years.</p> | <p>online generated challan of Union Bank of India from PARIVESH portal dated 18.06.2022 through RTGS (Reference no. YESBR52022062393522953-2000000096 159022-AD-HOC CAMPA dated 23.06.2022) as per 'Revised Demand Note' received from DCF, Alibag (Annexure 2). Copy of acknowledgment at DCF, Alibag office is enclosed as Annexure 2(a).</p> <ul style="list-style-type: none"> • As per revised Demand Note received from DCF, Alibag dated 09.06.2022, the cost of survey, demarcation and erection of permanent pillars is 'Not Applicable' (Annexure - 2). • Compensatory Afforestation scheme including plantation issued by ACF, Alibag for 10 years with cost estimation is enclosed as Annexure 2. |
| <p>IV.</p> | <p>NPV</p> | |
| <p>a.</p> | <p>The State Government shall charge the Net Present Value(NPV) for the 0.6497 ha forest area to be diverted under this proposal from the User Agency as per the orders of the Hon'ble Supreme Court of India dated 30/10/2002, 01/08/2003, 28/03/2008, 24/04/2008 and 09/05/2008 in IA No. 566 in WP (C) No. 202/1995 and as per the guidelines issued by the Ministry vide letters No. 5-1/1998-FC (Pt.II) dated 18/09/2003, as well as letter No. 5-2/2006-FC dated 03/10/2006 and 5- 3/2007-FC dated 05/02/2009 in this regard</p> | <ul style="list-style-type: none"> • Complied • An amount of Rs.6,10,068/- has been deposited by Adani Cementation Limited against online generated challan of Union Bank of India from PARIVESH portal dated 18.06.2022 through RTGS (Reference no. YESBR52022062393522953-2000000096 159022-AD-HOC CAMPA dated 23.06.2022) as per 'Revised Demand Note' received from DCF, Alibag (Annexure 2). Copy of acknowledgment at DCF, Alibag office is enclosed as Annexure 2(a). |

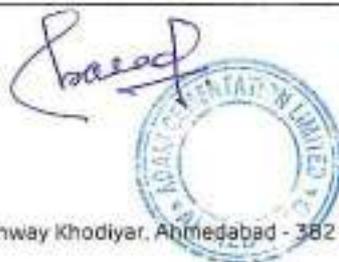
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| b. | Additional amount of the NPV of the diverted forest land, if any, becoming due after finalization of the same by the Hon'ble Supreme Court of India on receipt of the report from the Expert Committee, shall be charged by the State Government from the User Agency. The User Agency shall furnish an undertaking to this effect | <ul style="list-style-type: none"> • Undertaking is enclosed as Annexure 3. |
| V. | User agency shall restrict the felling of trees to minimum number in the diverted forest land and the trees shall be felled under the strict supervision of the State Forest Department and the cost of felling of trees shall be deposited by the User Agency with the State Forest Department | <ul style="list-style-type: none"> • Noted and compliance assured • Adani Cementation Limited has deposited the amount of Rs.85,561/- (Rs. Eighty Five Thousand Five Hundred Sixty one) against the 'cost of felling of trees' through Demand Draft (DD no. 46930 dated 07.07.2022) in favour of the "Deputy Conservator of Forest, Alibag" as per 'Revise Demand Note' received from DCF, Alibag Forest Division (Annexure 2). Copy of acknowledgment at DCF, Alibag office is enclosed as Annexure 2(a). |
| VI. | All the funds received from the user agency under the project shall be transferred/ deposited to CAMPA fund only through e-portal (https://parivesh.nic.in/) | <ul style="list-style-type: none"> • Complied • ACL has deposited Rs.33,09,527/- through RTGS (Reference no. YESBR52022062393522953-2000000096 159022-AD-HOC CAMPA dated 23.06.2022) against the challan generated from PARIVESH portal. This includes Rs.26,99,459/- as cost towards Compensatory Afforestation on degraded land against condition no. ii(a) and Rs.6,10,068/- as NPV against condition no. iv(a) of 'Revised Demand Note' received from DCF, |



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| | | Alibag (Annexure 2). Copy of acknowledgment at DCF, Alibag office is enclosed as Annexure 2(a) . |
| VII. | The complete compliance of the FRA, 2006 shall be ensured by way of prescribed certificate from the concerned District Collector | <ul style="list-style-type: none"> • Application for Certificate of FRA submitted vide dated 19.06.2019 to DC, Alibag Annexure 4. It is under process and pending at DC, Alibag. • All condition shall be complied as per the Certificate of FRA to be issued by District Collector, Alibag |
| VIII. | To improve the Forest/ Tree cover and to reduce pollution, as mandated in National Forest Policy, 1988 and Environmental (Protection) Act, 1986 respectively, the User Agency shall develop a separate nursery at one or more places to raise at least 5,000 seedlings of forestry species along with bamboo, fruit bearing, medicinal, ornamental and indigenous/local every year. At least 50% of seedlings shall be planted by User Agency in the vicinity of project area including forest area and for hand holding with local people residing in vicinity of proposed area, User Agency shall voluntary distribute | <ul style="list-style-type: none"> • Noted and compliance assured • Undertaking is enclosed as Annexure 5. |



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| | remaining 50% of seedlings to them free of cost. A compliance report including species wise details of seedlings raised, location of plantation area and details of villagers whom seedlings have been distributed need to be prepared every six month and submitted to Integrated Regional Office of MoEF&CC | |
| IX. | User Agency shall obtain Environmental Clearance as per the provisions of the Environmental (Protection) Act, 1986, if applicable | <ul style="list-style-type: none"> • Noted and compliance assured • Environment Clearance is under process vide MoEFCC File no. 10-77/2018-IA.III |
| X. | The State Government/ User Agency shall take prior permission from Hon'ble High Court for Mangrove cutting before issue of order for diversion of the forest land in accordance with Hon'ble Mumbai High Court order dated 27/1/2010 in PIL 87 of 2006 | <ul style="list-style-type: none"> • Noted and compliance assured • Application of prior permission from Hon'ble High Court for Mangrove cutting to be applied after Environmental Clearance. |
| XI. | The layout plan of the proposal shall not be changed without prior approval of Central Government | <ul style="list-style-type: none"> • Noted and compliance assured • Undertaking is enclosed as Annexure 6. |
| XII. | No labour camp shall be established on the forest land | <ul style="list-style-type: none"> • Noted and compliance assured • Undertaking is enclosed as Annexure 7. |
| XIII. | Sufficient firewood, preferably the alternate fuel, shall be provided by the User Agency to the labourer after purchasing the same from the State Forest Department or the Forest Development Corporation or any other legal source of alternate fuel | <ul style="list-style-type: none"> • Noted and compliance assured • Undertaking is enclosed as Annexure 8. |



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| XIV. | The boundary of the diverted forest land shall be suitably demarcated on ground at the project cost, as per the directions of the concerned Divisional Forest Officer | <ul style="list-style-type: none"> • Noted and agreed • Undertaking is enclosed as Annexure 9. |
| XV. | No additional or new path will be constructed inside the forest area for transportation of construction materials for execution of the project work | <ul style="list-style-type: none"> • Noted and agreed • Undertaking is enclosed as Annexure 10. |
| XVI. | The period of diversion under this approval shall be co-terminus with the period of lease to be granted in favour of the user agency or the project life, whichever is less | <ul style="list-style-type: none"> • Noted and agreed • Undertaking is enclosed as Annexure 11. |
| XVII. | The forest land shall not be used for any purpose other than that specified in the project proposal | <ul style="list-style-type: none"> • Noted and agreed • Undertaking is enclosed as Annexure 12. |
| XVIII. | The forest land proposed to be diverted shall under no circumstances be transferred to any other agencies, department or person without prior approval of Govt. of India | <ul style="list-style-type: none"> • Noted and agreed • Undertaking is enclosed as Annexure 13. |
| XIX. | The User Agency should fulfil the conditions recommended by MCZMA vide its letter dated 10.12.2020 | <ul style="list-style-type: none"> • Noted and Compliance assured • ACL shall abide to fulfill the conditions recommended by MCZMA vide its Minutes of 149th Meeting dated 04.12.2020. Compliance to the conditions stipulated by MCZMA is enclosed as Annexure 14. |
| XX. | The User Agency shall also obtain CRZ clearance and abide to the conditions mentioned therein and copy of CRZ clearance shall be submitted to IRO, Nagpur along with Stage- I compliance report | <ul style="list-style-type: none"> • Noted and compliance assured • Environment Clearance is under process vide MoEFCC File no. 10-77/2018-IA.III |

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| XXI. | Violation of any of these conditions will amount to violation of Forest (Conservation) Act, 1980 and action would be taken as per the MoEF&CC Guideline F. No. 11- 42/2017-FC dt 29/01/2018 | <ul style="list-style-type: none"> • Noted and agreed • Undertaking is enclosed as Annexure 15. |
| XXII. | Any other condition that the Ministry of Environment, Forests & Climate Change may stipulate from time to time in the interest of conservation, protection and development of forests & wildlife | <ul style="list-style-type: none"> • Noted and agreed • Undertaking is enclosed as Annexure 16. |
| XXIII. | The compliance report shall be uploaded one-portal (https://parivesh.nic.in/) | <ul style="list-style-type: none"> • Noted and agreed • Undertaking is enclosed as Annexure 17. |

For, Adani Cementation Limited



 (Sanjay Prasad)

Authorized Signatory

Head – Environment

1. The Chief Conservator of Forest, Thane, Navi Mumbai (Maharashtra)
2. The PCCF (HoFF), Government of Maharashtra, Nagpur.
3. The Addl. PCCF & Nodal Officer (FCA), Government of Maharashtra, Nagpur.



भारत सरकार
GOVERNMENT OF INDIA
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
MINISTRY OF ENVIRONMENT, FORESTS
& CLIMATE CHANGE

Integrated Regional Office
Ground Floor, East Wing
New Secretariat Building
Civil Lines, Nagpur - 440001
apccfcentral-ngp-mef@gov.in

F.No- FC-I/MH-243/2021-NGP / 8830

Dated: 29.10.2021

Jo

The Secretary (Forests),
Government of Maharashtra,
Revenue & Forest Department,
Mantralaya, Mumbai-400032

Sub: Diversion of 0.6497 ha for Berthing Jetty, Conveyor Corridor with Backup facilities and approach road for Raigad Cement Bulk Terminal proposed by Adani Cementation Limited at Village Shahapur, Shahbaz, Taluka Alibag, Distt Raigad in the state of Maharashtra - regarding.

Sir,

The undersigned is directed to refer to the State Government of Maharashtra letter no. F.I.D-1321/ C.R.169/ F-10 dated 28.09.2021 and APCCF & Nodal Officer (FCA), Maharashtra vide his letter No Desk-17/Nodal/Thane/L.D-12816/812/2021-22 dated 20.08.2021 on the above subject seeking prior approval of the Central Government under Section-2 of the Forest (Conservation) Act, 1980 and to say that the said proposal has been examined by the Integrated Regional Office, MoEF & CC, Nagpur in light of relevant provisions of the Forest (Conservation) Act, 1980 and Guidelines issued thereunder.

After careful examination of the proposal of the State Government and on the basis of the recommendation of the State Government and Addl. PCCF & Nodal Officer (FCA), Government of Maharashtra, the Central Government hereby accords 'in-principle' approval under Section - 2 of the Forest (Conservation) Act, 1980 for diversion of 0.6497 ha for Berthing Jetty, Conveyor Corridor with Backup facilities and approach road for Raigad Cement Bulk Terminal proposed by Adani Cementation Limited at Village- Shahapur, Shahbaz, Taluka- Alibag, District- Raigad in the State of Maharashtra subject to the fulfilment of the following conditions:

- i. Legal status of the forest land shall remain unchanged;
- ii. **Compensatory Afforestation**
 - a. Compensatory Afforestation shall be taken up by the Forest Department over 1.00 ha. Degraded Forest Land of Reserved forest in Survey No. 134 A (New S. No. 135) of Village Navedar Beli, Taluka- Alibagn Dist. Raigad at the cost of the User Agency. As far as possible, a mixture of local indigenous species along with 10% RET species of Raigad District shall be planted and monoculture of any species may be avoided;
- iii. The cost of Compensatory Afforestation at the prevailing wage rates as per Compensatory Afforestation scheme and the cost of survey, demarcation and erection of permanent pillars if required on the CA land shall be deposited in advance with the Forest Department by the project authority. The CA will be maintained for 10 years. The scheme may include appropriate provision for anticipated cost increase for works scheduled for subsequent years;

1

iv. NPV:

- a. The State Government shall charge the Net Present Value(NPV) for the 0.6497 ha forest area to be diverted under this proposal from the User Agency as per the orders of the Hon'ble Supreme Court of India dated 30/10/2002, 01/08/2003, 28/03/2008, 24/04/2008 and 09/05/2008 in IA No. 566 in WP (C) No. 202/1995 and as per the guidelines issued by the Ministry vide letters No. 5-1/1998-FC (Pt.II) dated 18/09/2003, as well as letter No. 5-2/2006-FC dated 03/10/2006 and 5-3/2007-FC dated 05/02/2009 in this regard;
- b. Additional amount of the NPV of the diverted forest land, if any, becoming due after finalization of the same by the Hon'ble Supreme Court of India on receipt of the report from the Expert Committee, shall be charged by the State Government from the User Agency. The User Agency shall furnish an undertaking to this effect;
- v. User agency shall restrict the felling of trees to minimum number in the diverted forest land and the trees shall be felled under the strict supervision of the State Forest Department and the cost of felling of trees shall be deposited by the User Agency with the State Forest Department;
- vi. All the funds received from the user agency under the project shall be transferred/ deposited to CAMPA fund only through e-portal (<https://parivesh.nic.in/>);
- vii. The complete compliance of the FRA, 2006 shall be ensured by way of prescribed certificate from the concerned District Collector;
- viii. To improve the Forest/ Tree cover and to reduce pollution, as mandated in National Forest Policy, 1988 and Environmental (Protection) Act, 1986 respectively, the User Agency shall develop a separate nursery at one or more places to raise at least 5,000 seedlings of forestry species along with bamboo, fruit bearing, medicinal, ornamental and indigenous/local every year. At least 50% of seedlings shall be planted by User Agency in the vicinity of project area including forest area and for hand holding with local people residing in vicinity of proposed area, User Agency shall voluntary distribute remaining 50% of seedlings to them free of cost. A compliance report including species wise details of seedlings raised, location of plantation area and details of villagers whom seedlings have been distributed need to be prepared every six month and submitted to Integrated Regional Office of MoEF&CC;
- ix. User Agency shall obtain Environmental Clearance as per the provisions of the Environmental (Protection) Act, 1986, if applicable;
- x. The State Government/ User Agency shall take prior permission from Hon'ble High Court for Mangrove cutting before issue of order for diversion of the forest land in accordance with Hon'ble Mumbai High Court order dated 27/1/2010 in PIL 87 of 2006;
- xi. The layout plan of the proposal shall not be changed without prior approval of Central Government;
- xii. No labour camp shall be established on the forest land;
- xiii. Sufficient firewood, preferably the alternate fuel, shall be provided by the User Agency to the labourer after purchasing the same from the State Forest Department or the Forest Development Corporation or any other legal source of alternate fuel;
- xiv. The boundary of the diverted forest land shall be suitably demarcated on ground at the project cost, as per the directions of the concerned Divisional Forest Officer;

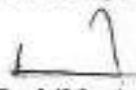


- xv. No additional or new path will be constructed inside the forest area for transportation of construction materials for execution of the project work;
- xvi. The period of diversion under this approval shall be co-terminus with the period of lease to be granted in favour of the user agency or the project life, whichever is less;
- xvii. The forest land shall not be used for any purpose other than that specified in the project proposal;
- xviii. The forest land proposed to be diverted shall under no circumstances be transferred to any other agencies, department or person without prior approval of Govt. of India;
- xix. The User Agency should fulfil the conditions recommended by MCZMA vide its letter dated 10.12.2020;
- xx. The User Agency shall also obtain CRZ clearance and abide to the conditions mentioned therein and copy of CRZ clearance shall be submitted to IRO, Nagpur along with Stage- I compliance report.
- xxi. Violation of any of these conditions will amount to violation of Forest (Conservation) Act, 1980 and action would be taken as per the MoEF&CC Guideline F. No. 11-42/2017-FC dt 29/01/2018;
- xxii. Any other condition that the Ministry of Environment, Forests & Climate Change may stipulate from time to time in the interest of conservation, protection and development of forests & wildlife;
- xxiii. The compliance report shall be uploaded on e-portal (<https://parivesh.nic.in/>);

After receipt of a report on the compliance of conditions no iii, iv (a), v, vi, vii, xx and undertakings, duly authenticated by the competent authority in the State Government, in respect of all other conditions, from the State Government, formal approval will be considered in this regard under Section-2 of the Forest (Conservation) Act, 1980.

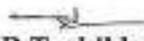
This issues with the approval of Regional Officer (Central), Integrated Regional Office, MoEF & CC, Nagpur.

Yours faithfully,


(C B Tashildar)
AIGF (Central)

Copy to:

- i. The PCCF (HoFF), Government of Maharashtra, Nagpur.
- ii. The Addl. PCCF & Nodal Officer (FCA), Government of Maharashtra, Nagpur.
- iii. User agency.
- iv. Guard file.


(C B Tashildar)
AIGF (Central)

Read:

1. In-principal approval letter FC No.: FC-1/MH-243/2021-NGP/8830 dated 29.10.2021 issued by MOEFCC – IRO, Nagpur
2. Demand Note letter No. B/20/Land/FC/945/2022-23 dated 09.06.2022 issued by Deputy Conservator of Forests, Alibag

UNDERTAKING FOR CONDITION NO. (I)

Adani Cementation Limited hereby undertake that the legal status of total diverted Forest Land i.e. 0.6497ha., falling under Survey No. 346 of Village Shahbaz, Taluka- Alibag, District- Raigad (Maharashtra) and Survey No. 600 & 602 of Village Shahapur, Taluka- Alibag, District- Raigad (Maharashtra), shall remain unchanged.

Place : Ahmedabad

Date : 21.07.2022

For, Adani Cementation Limited


(Sanjay prasad)

Authorized Signatory

Head – Environment

Adani Cementation Ltd
Adani Corporate House
Shantigram, S G Highway
Ahmedabad 382 421
Gujarat, India
CIN: U74999GJ2016PLC094589

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महाराष्ट्र शासन
OFFICE OF THE DEPUTY CONSERVATOR OF FOREST, ALIBAG

“वसवल्ली अग्रहा सोयरे वनधरे”

AT POST TAL ALIBAG DIST. RAIGAD TELE 02141-222016
E-mail- dycfalibag@mahaforest.gov.in

Revise Demand Note

(see rule 8(1)(b) of the Forest (Conservation) Amendment Rules, 2014)

To.

Authorised Officer,
Adani Cementation,
Adani house, S56 Shirmali Society,
Navrangpura, Ahmedabad, Gujarat-380 009.

Subject:- Diversion of 0.6497 ha. for Berthing Jetty, Conveyour Corridor with Backup facilities and approach road for Riagad Cement Bulk Terminal proposed by Adani Cementation Limited at Village Shahapur, Shahbaz, Tal. Alibag, Dist. Raigad in the state of Maharashtra -regarding.

Reference:- Govt. of India Ministry of Environment, forest and Climate Change, Regional Office (WCZ), Nagpur's order No. F.No. FC-I MH-243/2021-NGP/8830, dtd. 29.10.2021.

1. As per the reference cited above, Shri Sanjay Prasad, Authorised Officer, Adani Cementation, Adani house, S56 Shirmali Society, Navrangpura, Ahmedabad, Gujarat-380 009 is requested to pay the item-wise amount of compensatory levies as per the following details.

Compensatory Levies

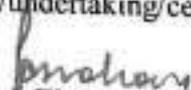
| Sr. No. | Item | Condition NO. as mentioned in-principal approval | Amount in Rs. |
|---------|--|--|----------------|
| 1 | Cost towards Compensatory Afforestation on degraded forest land i.e. 1 ha. | ii a. | 26,99,459/- |
| 2 | Cost of Servey, demarcation and erection of permant pillars. | iii | Not Applicable |
| 3 | NPV | iv. a. | 6,10,068/- |

2. Shri Sanjay Prasad, Authorized Officer, Adani Cementation, Adani house, S56 Shirmali Society, Navrangpura, Ahmedabad, Gujarat-380 009 is also requested to submit the documents, certificates and undertaking as stipulated in the in-principal approval as per the following details.

| Sr. No. | Condition No. as mentioned in-principal approval | Name of Document/Certificate/Undertaking required to be submitted by the User Agency |
|---------|--|--|
| 1 | i | Undertaking required to be submitted by the User Agency |
| 2 | iv. b. | Undertaking required to be submitted by the User Agency to abide this condition. |
| 3 | v | User agency shall submit demand draft for Rs.85561/- (in words Rs. Eighty Five Thousand Five Handred Sixty One only) in favour of the Deputy Conservator of Forest, Alibag payable at Alibag against the cost of felling of trees |

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| 4 | vi | User agency shall be transferred/deposited above mentioned amount to CAMPA through e-portal and furnish the challan/receipt with RTGS/NEFT no. and date in this regard |
| 5 | vii | Compliance this Conditions and submit necessary documents in this regard. |
| 6 | viii | Undertaking required to be submitted by the User Agency to abide this condition |
| 4 | ix | If required, the User Agency Shall obtain Environmental Clearance as per the provisions of the Environmental (protection) Act, 1986. |
| 5 | x | User agency take prior permission from Hon'ble High Court for Mangrove cutting accordance with Hon'ble Mumbai High Court order dated 27/1/2010 in PIL. 87 of 2006, and this permission/order submit with the compliance report. |
| 6 | xi | Undertaking required to be submitted by the User Agency to abide this condition |
| 7 | xii | Undertaking required to be submitted by the User Agency to abide this condition. |
| 8 | xiii | Undertaking required to be submitted by the User Agency to abide this condition. |
| 9 | xiv | Undertaking required to be submitted by the User Agency to abide this condition. |
| 10 | xv | Undertaking required to be submitted by the User Agency to abide this condition. |
| 11 | xvi | Undertaking required to be submitted by the User Agency to abide this condition. |
| 12 | xvii | Undertaking required to be submitted by the User Agency to abide this condition. |
| 13 | xviii | Undertaking required to be submitted by the User Agency to abide this condition. |
| 14 | xix | The user agency should fulfill the conditions recommended by MCZMA vide its letter dtd. 10.12.2020 and submitted with the compliance report. |
| 15 | xx | The User Agency shall also obtain CRZ clearance and abide to the conditions mentioned therein and copy of CRZ clearance shall be submitted with the compliance report. |
| 16 | xxi | Undertaking required to be submitted by the User Agency to abide this condition. |
| 17 | xxii | Undertaking required to be submitted by the User Agency to abide this condition. |
| 18 | xxiii | Undertaking required to be submitted by the User Agency to abide this condition. |

Please clearly mention the condition No. on the document/undertaking/certificates at the time of submission of compliance report.


 (Ashish Thakare, IFS)
 Deputy Conservator of Forests,
 Alibag.

Copy submitted to the Addl. Principal Chief Conservator of Forests & Nodal Officer, M.S. Naggur for favour of information.

Copy submitted to the Chief Conservator of Forests, Thane for favour of information.

Copy to ACF Alibag and RFO Alibag for information and necessary action.

Range: Ailbag
 Round: Kurta
 Beat: Dhavar
 Village: Navedar Bell
 S. no. 134/1

AILBAG FOREST DIVISION
 First Year Operations
 Estimate For Mangrove Plantation

Daily wage Rate: Rs. 413.69
 Spacement: 1.5m X 1.5m
 No. of plants: 4466/ha.
 Area: 1.00 Ha.

| S. No. | Item of Works | For 1.00 ha. | | | | | For 1.00 Ha. | | | | |
|--------|--|--------------|---------|-------------|----------|-------------|--------------|---------|-------------|----------|-------------|
| | | Unit | Mandays | Wages | M/S | Total | Unit | Mandays | Wages | M/S | Total |
| 1 | Preparation of site including removal of weeds and clamber etc.] and alignment etc. | Ha. | 25 | 10342.25 | 300 | 10642.25 | Ha | 25 | 10342.25 | 300 | 10642.25 |
| 2 | Nursery Cost | Ha. | 30 | 12410.7 | 1000 | 13410.7 | Ha. | 30 | 12410.7 | 1000 | 13410.7 |
| 3 | Excavation of primary and secondary canals in hard stiff clay for letting in tidal water (92 cm/ha.) | Ha | 140 | 57916.6 | 0 | 57916.6 | Ha | 140 | 57916.6 | 0 | 57916.6 |
| 4 | Transport of plants by Boat/Tempo from nursery to plantation site incl. loading etc. | " | 12.54 | 5187.6726 | 13332 | 18519.6726 | " | 12.54 | 5187.6726 | 13332 | 18519.6726 |
| 5 | Planting incl. carrying of plants by headload | " | 70 | 28958.3 | 0 | 28958.3 | " | 70 | 28958.3 | 0 | 28958.3 |
| 6 | Purchase of material (Ghamela, Phawda, rope etc. plantation board etc.) | " | 0 | 0 | 2000 | 2000 | " | 0 | 0 | 2000 | 2000 |
| 7 | Casualty Replacement (20% including carrying the plants by headloads. | " | 20 | 8273.8 | 0 | 8273.8 | " | 20 | 8273.8 | 0 | 8273.8 |
| 8 | Removal of garbage and moss around the plants etc. | " | 20 | 8273.8 | 0 | 8273.8 | " | 20 | 8273.8 | 0 | 8273.8 |
| 9 | Controlling of pests and insects by using pesticides and insecticides. Spraying nutrients for better growth of plants. | " | 0 | 0 | 1500 | 1500 | " | 0 | 0 | 1500 | 1500 |
| 10 | Watch and ward Period: 6 months, 1 lab for 10ha. | " | 180 | 74464.2 | 0 | 74464.2 | " | 180 | 74464.2 | 0 | 74464.2 |
| 11 | Repairs of channels | Ha | 7 | 2895.83 | 0 | 2895.83 | Ha | 7 | 2895.83 | 0 | 2895.83 |
| | Total | | 504.54 | 208723.153 | 18132 | 226855.1526 | | 504.54 | 208723.1526 | 18132 | 226855.1526 |
| 12 | Labor welfare 3% on wages | | | 6261.694578 | 0 | 6261.694578 | | 0 | 6261.694578 | 0 | 6261.694578 |
| 13 | Contingencies 4% on M&S. | | | 0 | 725.28 | 725.28 | | 0 | 0 | 725.28 | 725.28 |
| | GRAND TOTAL | | 504.54 | 214994.847 | 18857.28 | 233842.1272 | | 504.54 | 214994.8472 | 18857.28 | 233842.1272 |
| | SAY | | | | | 233842 | | | | | 233842 |

(Signature)
 Range Forest Officer
 Ailbag

(Signature)
 Assistant Conservator of Forests
 Ailbag

Daily wage Rate: Rs. 455.059
 Spacement: 1.5mX 1.5m
 No. of plants: 4444/ha.
 Area: 1.00 Ha.

Second Year Operations
 Estimate of Mangrove Plantation

| S. No. | Item of Works | For 1.00 ha. | | | | For 1.00 Ha. | | | | | |
|--------|--|--------------|---------|-----------|------|--------------|--------------|-----------|-------------|---------|-------------|
| | | Unit | Mandays | Wages | M/S | Total | Unit | Mandays | Wages | M/S | Total |
| 1 | Nursery Cost for 890 plants | 890 plants | 6 | 2730.354 | 1000 | 3730.354 | 11570 plants | 6 | 2730.35 | 1000 | 3730.354 |
| 2 | Transport of seedlings from nursery to planting site by vehicles incl. loading and unloading | 890 plants | 2.5 | 1137.6475 | 2000 | 3137.6475 | 11571 plants | 2.5 | 1137.65 | 2000 | 3137.6475 |
| 3 | Casualty replacement incl. transport by headload. | 890 plants | 20 | 9101.18 | 0 | 9101.18 | 11572 plants | 20 | 9101.18 | 0 | 9101.18 |
| 4 | Maintenance of canals | 1.00 ha. | 19 | 8646.121 | 0 | 8646.121 | 13 ha. | 247 | 8646.12 | 0 | 8646.121 |
| 5 | Removing moss, algae and other litter around plants | 1.00 ha. | 20 | 9101.18 | 0 | 9101.18 | 13 ha. | 260 | 9101.18 | 0 | 9101.18 |
| 6 | Controlling pests by spraying pesticides | 1.00 ha. | 1 | 455.059 | 50 | 505.059 | 13 ha. | 1 | 455.06 | 50 | 505.059 |
| 7 | Watch and ward 1 watchman for 1 ha for 12 months | 1.00 ha. | 360 | 163821.24 | 0 | 163821.24 | 13 ha. | 360 | 163821.24 | 0 | 163821.24 |
| | Total | | 428.5 | 254992.78 | 3050 | 158042.78 | | 896.5 | 194992.78 | 3050.00 | 198042.7815 |
| | Equipment and Contingencies @ 4% + Labour Welfare 3% Total 7% | | | 5849.78 | 122 | 5971.783 | | | 5849.783445 | 122 | 5972 |
| | Grand Total | | | | | 204015 | | 200842.56 | 3172.00 | | 204015 |

[Signature]
 Range Forest Officer
 Allbag

[Signature]
 Assistant Conservator of Forests
 Allbag

Daily wage Rate: Rs. 500.56
 Spacement: 1.5mX 1.5m
 No. of plants: 4444/ha.
 Area: 1.00 Ha.

Third Year Operations
 Estimate of Mangrove Plantation

| S. No. | Item of Works | For 1.00 ha. | | | | | For 13.00 ha. | | | | |
|--------|--|--------------|---------|-----------|-----|-----------|---------------|---------|-----------|-----|-----------|
| | | Unit | Mandays | Wages | M/S | Total | Unit | Mandays | Wages | M/S | Total |
| 1 | Removing moss, algae and other litter around plants | 1.00 ha. | 20 | 10011.20 | 0 | 10011.20 | 13 ha. | 20 | 10011.20 | 0 | 10011.20 |
| 2 | Maintenance of canals | 1.00ha. | 19 | 9510.64 | 0 | 9510.64 | 13 ha. | 19 | 9510.64 | 0 | 9510.64 |
| 3 | Controlling pests by spraying pesticides | 1.00ha | 5 | 500.56 | 50 | 550.56 | 13 ha. | 1 | 500.56 | 50 | 550.56 |
| 4 | Watch and ward 1 watchman for 1 ha. for 12 months | 1.00 ha | 360 | 180201.60 | 0 | 180201.60 | 13 ha. | 360 | 180201.60 | 0 | 180201.60 |
| 5 | Total | | 400 | 200274.00 | 50 | 200274.00 | | 400 | 200274.00 | 50 | 200274.00 |
| | Equipment and Contingencies 4 % + Labour Welfare 3% Total 7% | | | 6006.72 | 2 | 6006.72 | | | 6006.72 | 2 | 6006.72 |
| | Grand Total | | | 206282.72 | | 206282.72 | | | | | 206283 |

(Signature)
 Range Forest Officer
 Alibag

(Signature)
 Range Forest Officer
 Alibag

(Signature)
 Assistant Conservator of Forests
 Alibag

Daily wage Rate: Rs. 550.61
 Spacement: 1.5mX 1.5m
 No. of plants: 4444/ha.
 Area: 1.00 Ha.

Fourth Year Operations
 Estimate of Mangrove Plantation

| S. No. | Item of Works | For 1.00 ha. | | | | | For 13.00 ha. | | | | |
|--------|--|--------------|---------|-----------|-----|-----------|---------------|---------|-----------|-----|-----------|
| | | Unit | Mandays | Wages | M/S | Total | Unit | Mandays | Wages | M/S | Total |
| 1 | Removing moss, algae and other litter around plants | 1.00 ha. | 20 | 11012.20 | 0 | 11012.20 | 13 ha. | 20 | 11012.20 | 0 | 11012.20 |
| 2 | Maintenance of canals | 1.00ha | 19 | 10461.59 | 0 | 10461.59 | 13 ha. | 19 | 10461.59 | 0 | 10461.59 |
| 3 | Watch and ward 1 watchman for 1 ha. for 12 months | 1.00 ha | 360 | 198219.60 | 0 | 198219.60 | 13 ha. | 360 | 198219.60 | 0 | 198219.60 |
| 4 | Total | | | 219693.39 | 0 | 219693.39 | | | | | 219693.39 |
| | Equipment and Contingencies 4 % + Labour Welfare 3% Total 7% | | | 6590.8017 | 0 | 6590.80 | | | 6590.8017 | | 6590.80 |
| | Grand Total | | | 226284.19 | | 226284.19 | | | | | 226284 |

(Signature)
 Range Forest Officer
 Alibag

(Signature)
 Assistant Conservator of Forests
 Alibag

(Signature)
 Assistant Conservator of Forests
 Alibag

Daily wage Rate: Rs. 605.67
 Spacing: 1.5m x 1.5m
 No. of plants: 4444/ha.
 Area: 1.00 Ha.

Fifth Year Operations
 Estimate of Mangrove Plantation

| S. No. | Item of Works | For 1.00 ha. | | | | For 13.00 ha. | | | | | |
|--------|--|--------------|---------|------------|-----|---------------|--------|---------|-----------|-----|-----------|
| | | Unit | Mandays | Wages | M/S | Total | Unit | Mandays | Wages | M/S | Total |
| 1 | Removing moss, algae and other litter around plants | 1.00 ha. | 20 | 12113.4 | 0 | 21113.4 | 13 ha. | 20 | 12113.40 | 0 | 12113.40 |
| 2 | Watch and ward 1 watchman for 1ha. for 12 months | 1.00 ha | 360 | 218041.2 | 0 | 218041.2 | 13 ha. | 360 | 218041.20 | 0 | 218041.20 |
| | Total | | 380 | 230154.6 | 0 | 230154.6 | | 380 | 230154.60 | 0 | 230154.60 |
| | Equipment and Contingencies 4 % - Labour Welfare 3% Total 7% | | | 6904.638 | | 6904.638 | | | 6904.638 | | 6904.64 |
| | Grand Total | | | 237059.238 | | 237059.238 | | | | | 237059.24 |

Range Forest Officer
 Allbag

Assistant Conservator of Forests
 Allbag

Daily wage Rate: Rs. 666.23
 Spacing: 1.5m x 1.5m
 No. of plants: 4444/ha.
 Area: 1.00 Ha.

Sixth Year Operations
 Estimate of Mangrove Plantation

| S. No. | Item of Works | For 1.00 ha. | | | | For 13.00 ha. | | | | | |
|--------|--|--------------|---------|-----------|-----|---------------|--------|---------|-----------|-----|-----------|
| | | Unit | Mandays | Wages | M/S | Total | Unit | Mandays | Wages | M/S | Total |
| 1 | Removing moss, algae and other litter around plants | 1.00 ha. | 20 | 13324.60 | 0 | 13324.60 | 13 ha. | 0 | 13324.60 | 0 | 13324.60 |
| 2 | Watch and ward 1 watchman for 1 ha. for 12 months | 1.00 ha | 360 | 239842.80 | 0 | 239842.80 | 13 ha. | 0 | 239842.80 | 0 | 239842.80 |
| | Total | | 380 | 253167.40 | 0 | 253167.40 | | 0 | 253167.40 | 0 | 253167.40 |
| | Equipment and Contingencies 4 % - Labour Welfare 3% Total 7% | | | 7595.02 | | 7595.02 | | | 7595.022 | | 7595.02 |
| | Grand Total | | | 260762.42 | | 260762.42 | | | | | 260762 |

Range Forest Officer
 Allbag

Assistant Conservator of Forests
 Allbag

Daily wage Rate Rs. 732.85
 Specimens: 1.5mk 1.5m
 No. of plants: 4444/ha
 Area: 1.00 Ha.

Seventh Year Operations
 Estimate of Mangrove Plantation

| S. No. | Item of Works | For 1.00 ha. | | | | For 13.00 ha. | | | | | |
|--------|--|--------------|---------|---------|-----|---------------|-------|---------|-----------|-----|-----------|
| | | Unit | Mandays | Wages | M/S | Total | Unit | Mandays | Wages | M/S | Total |
| 1 | Removing moss, algae and other litter around plants | 1.00 ha | 20 | 14657 | 0 | 14657 | 13 ha | 0 | 14657.00 | 0 | 14657.00 |
| 2 | Watch and ward 1 watchman for 1 ha for 12 months | 1.00 ha | 360 | 26382.6 | 0 | 26382.6 | 13 ha | 0 | 263826.00 | 0 | 263826.00 |
| | Total | | 380 | 278483 | 0 | 278483 | | 0 | 278483.00 | 0 | 278483.00 |
| | Equipment and Contingency: 4% + Labour Welfare 3% Total 7% | | | 8354.49 | | 8354.49 | | | 8354.49 | | 8354.49 |
| | Grand Total | | | | | 286837.49 | | | | | 286837 |

[Signature]
 Range Forest Officer
 Alibag

[Signature]
 Assistant Conservator of Forests
 Alibag

Daily wage Rate: Rs. 806.14
 Spacement 1.5mX 1.5m
 No. of plants: 4454/ha.
 Area: 1.00 Ha.

Eighth Year Operations
Estimate of Mangrove Plantation

| S. No. | Item of Works | For 1.00 ha. | | | | | For 1.00 ha. | | | | |
|--------|--|--------------|---------|-------------------|-----|-------------------|--------------|---------|-----------|-----|---------------|
| | | Unit | Mandays | Wages | M/S | Total | Unit | Mandays | Wages | M/S | Total |
| 1 | Removing moss, algae and other litter around plants | 1.00 ha. | 20 | 16122.8 | 0 | 16122.8 | 13 ha. | 20 | 16122.80 | 0 | 16122.80 |
| 2 | Watch and ward 1 watchman for 1 ha. for 12 months | 1.00 ha | 360 | 290210.4 | 0 | 290210.4 | 13 ha. | 360 | 290210.40 | 0 | 290210.40 |
| | Total | | 380 | 306333.2 | 0 | 306333.2 | | 380 | 306333.20 | 0 | 306333.20 |
| | Equipment and Contingencies 4 % - Labour Welfare 3% Total 7% | | | 9189.996 | | 9189.996 | | | 9189.996 | 0 | 9190.00 |
| | Grand Total | | | 315523.296 | | 315523.296 | | | | | 315523 |

[Signature]
 Range Forest Officer
 Allbag

[Signature]
 Assistant Conservator of Forests
 Allbag

Daily wage Rate: Rs. 886.75
 Spacing: 1.5m x 1.5m
 No. of plants: 4444/ha.
 Area: 1.00 Ha.

Nine Year Operations
 Estimate of Mangrove Plantation

| S. No. | Item of Works | For 1.00 ha. | | | | For 1.00 ha. | | | | | |
|--------|--|--------------|---------|-----------|-----|--------------|-------|---------|-----------|-----|-----------|
| | | Unit | Mandays | Wages | M/S | Total | Unit | Mandays | Wages | M/S | Total |
| 1 | Burrowing musalgas and other types around plants | 1.00 ha. | 20 | 17735 | 0 | 17735 | 11 ha | 0 | 17735.00 | 0 | 17735.00 |
| 2 | Watch and ward 1 watchman for 1 ha for 12 months | 1.00 ha | 360 | 319230 | 0 | 319230 | 13 ha | 0 | 319230.00 | 0 | 319230.00 |
| | Total | | 380 | 336965 | 0 | 336965 | 0 | 0 | 336965.00 | 0 | 336965.00 |
| | Equipment and Configuration Labour Welfare 2% Total 2% | | | 10108.95 | | 10108.95 | | | 10108.95 | 0 | 10108.95 |
| | Grand Total | | | 347074.95 | | 347074.95 | | | | | 347074 |

[Signature]
 Range Forest Officer
 Alibag

[Signature]
 Assistant Conservator of Forests
 Alibag

Daily wage Rate: Rs. 975.42
 Spacement: 1.5m x 1.5m
 No. of plants: 4444/ha.
 Area: 1.00 Ha.

Tenth Year Operations
 Estimate of Mangrove Plantation

| S. No. | Item of Works | For 1.00 ha. | | | | For 1.00 ha. | | | |
|--------|---|--------------|---------|------------|-----|--------------|-----------|-------|-----------|
| | | Unit | Mandays | Wages | M/S | Unit | Mandays | Wages | M/S |
| 1 | Removing moss, algae and other litter around plants | 1.00 ha. | 20 | 19508.4 | 0 | 13 ha. | 19508.40 | 0 | 19508.40 |
| 2 | Watch and ward 1 watchman for 1 ha. for 12 months | 1.00 ha. | 360 | 351151.2 | 0 | 13 ha. | 351151.20 | 0 | 351151.20 |
| | Total | | 380 | 370659.6 | 0 | | 370659.60 | 0 | 370659.60 |
| | Equipment and Contingencies 4%+Labour Welfare 3% Total 7% | | | 11119.788 | | | 11119.788 | 0 | 11119.79 |
| | Grand Total | | | 381779.388 | | | 11119.788 | 0 | 381779 |

[Signature]
 Range Forest Officer
 Alibag

[Signature]
 Assistant Conservator of Forests
 Alibag

Abstract

| S.No. | Year | Amount (Rs.) |
|-------|--------------|--------------|
| 1) | First Year | 233,842 |
| 2) | Second year | 206,015 |
| 3) | Third year | 206,283 |
| 4) | Fourth year | 226,284 |
| 5) | Fifth year | 237,059 |
| 6) | Sixth year | 260,762 |
| 7) | Seventh year | 286,837 |
| 8) | Eighth year | 315,523 |
| 9) | Ninth year | 347,074 |
| 10) | Tenth year | 381,779 |
| | Total | 2,699,459 |


Range Forest Officer
Ailbag


Assistant Conservator of Forests
Ailbag

Government of India
Ministry of Environment, Forest and Climate Change
(Forest Conservation Division)

Indira
Paryavaran Bhavan, Aliganj, Jorbagh Road
New Delhi-110 003
Date: 19th January, 2022

To
The Additional Chief Secretary (Forest)/Principal Secretary (Forest),
All State Governments and Union Territory Administrations

Sub: Date and stage of application of the revised rates of Net Present Value (NPV)- reg

Sir,

I am directed to refer to this Ministry's letter of even number dated 6.01.2022 wherein revised rates of NPV were conveyed to all State Govts/UTs and to inform that the revised rates of NPV are applicable for all proposals, where:

- i. In-principle approval under Section 2 (ii) of the Forest (Conservation) Act, 1980 has been obtained after 06.01.2022, or
- ii. In-principle approval under Section 2 (ii) of the FC Act was obtained more than five years ago, i.e. on or before 06.01.2017, but Stage-II approval has not been obtained as on 06.01.2022.

This issues with the approval of the competent authority.

Yours faithfully,

Sd/-
(Sandeep Sharma)
Assistant Inspector General of Forests

Copy to:

1. The Principal Chief Conservator of Forests, All State Governments and Union Territory Administrations
2. The Regional Officer, All Integrated Regional Offices of the MoEF&CC
3. The Nodal Officer (FCA), All State Governments and Union Territory Administrations
4. Monitoring Cell, FC Division, MoEF&CC, New Delhi
5. Guard File

महत्वाचे

जा.क्र.कल-10/वसं/प्र.क्र.84(11)/80-81/अ. 479 /2021-22
ठाणे - 400 603, दिनांक - 20/01/2022.

प्रतिनिधी- उप वनसंरक्षक, ठाणे, शहापूर, इहाणू, जव्हार, अलिबाग व रोहा यांना माहिती व तात्काळ कार्यवाहीसाठी असेपित.

2.00 त्यांनी केंद्र शासनाच्या दि.06.01.2022 रोजीच्या पत्रात नमूद NPV च्या नवीन दरानुसार सोबतच्या पत्रात नमूद प्रस्तावांचे प्रकल्पयंत्रणेकडून अकारणी करून योग्य ती कार्यवाही करावी.

(सरोज शर्मा)

विभागीय वन अधिकारी (नियोजन), ठाणे
मुख्य वनसंरक्षक (प्र.), ठाणे यांचे कार्यालय

adani

ACL/ENV/Raigad-Jetty/FC/07-22/19

08.07.2022

To,
The Deputy Conservator of Forest,
Alibag Forest Division, Alibag Office,
Taluka Alibag, District Raigad, Maharashtra

Subject: Proposal for Diversion of 0.6497 ha. Forest land under Section 2 of the Forest (Conservation) Act-1980 for construction of Berthing Jetty, Conveyor Corridor with backup facilities and Approach Road in Raigad District. - CAMPA, NPV and Tree felling cost payment reg.

Reference: Demand Note letter no.: B/20/Land/FC/945/2022-23 Dated 9th June 2022
(Enclosure-1)

Dear Sir,

This is regarding above mentioned subject and reference letter to deposit the amount as per following conditions of Stage-I Forest Clearance (in-principal approval).

1. Condition no. ii(a) : Cost towards Compensatory Afforestation on degraded land i.e. 1ha.
2. Condition no. iv(a): NPV
3. Condition no. (v) : Cost of felling trees

ACL has deposited Rs.33,09,527/- through RTGS (Reference no. YESBR52022062393522953-2000000096 159022-AD-HOC CAMPA dated 23.06.2022) against the challan generated from PARIVESH portal (Enclosure - 2). This includes Rs.20,99,459/- as cost towards Compensatory Afforestation on degraded land against condition no. ii(a) and Rs.6,10,068/- as NPV against condition no. iv(a) of Demand Note raised by your good office. The same has been updated as 'paid' on PARIVESH portal (Enclosure - 3).

Adani Cementation Ltd
Adani Corporate House
Shantigram, S G Highway
Ahmedabad 382 421
Gujarat, India
CIN: U74999GJ2015PLC094589

Tel +91 79 2555 4444
Fax +91 79 2555 7177
info@adani.com
www.adani.com

Registered Office: Adani House, 56, Shrimati Society, Navrangpura, Ahmedabad 380 009, Gujarat, India



adani

ACL herewith submitting the Demand Draft (DD no. 46930 dated 07.07.2022) of amount Rs.85,561/- in favour of "Deputy Conservator of Forest, Alibag" for the cost of felling trees against condition no.(v) of Demand Note raised by your good office. (Enclosure - 4)

Thanking You

Yours faithfully



Authorized Signatory

(Sanjay Prasad)

Adani Cementation Limited

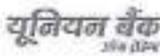
Copy to: Chief Conservator of Forest (T.), Thane, Micro wave Tower, Bara banglow area,
Thane (E.), Maharashtra - 400 603

Adani Cementation Ltd
Adani Corporate House
Shantigram, S G Highway
Ahmedabad 382 421
Gujarat, India
CIN: U74999GJ2018PLC094585

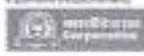
Tel +91 79 2555 4444
Fax +91 79 2555 7177
info@adani.com
www.adani.com

Registered Office: Adani House, 56, Shrimati Society, Navrangpura, Ahmedabad 380 009, Gujarat, India

AGENCY COPY







NEFT / RTGS CHALLAN for CAMPA Funds

Date : 18-06-2022

| | |
|------------------|--|
| Agency Name. | ADANI CEMENTATION LIMITED |
| Application No. | 19940665330 |
| MoEF/SG File No. | FC-IMH-243/2021-NGP |
| Location. | MAHARASHTRA |
| Address. | Adani House, 56 Srimali Society, Navrangpura Ahmedabad |
| Amount(in Rs) | 3309527/- |

Amount In Words :Thirty-Three Lakh Nine Thousand Five Hundred and Twenty-Seven Rupees Only

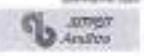
NEFT/RTGS to be made as per following details;

| | |
|----------------------|--|
| Beneficiary Name: | MAHARASHTRA CAMPA |
| IFSC Code: | UBIN0903710 |
| Pay to Account No. | 1507819940665330 Valid only for this challan amount. |
| Bank Name & Address: | Union Bank Of India Lodhi Complex Branch, Block 11,CGO Complex, Phase I, Lodhi Road, New Delhi -110003 |

• This Challan is strictly to be used for making payment to CAMPA by NEFT/RTGS only

BANK COPY




NEFT / RTGS CHALLAN for CAMPA Funds

Date : 18-06-2022

| | |
|------------------|--|
| Agency Name. | ADANI CEMENTATION LIMITED |
| Application No. | 19940665330 |
| MoEF/SG File No. | FC-IMH-243/2021-NGP |
| Location. | MAHARASHTRA |
| Address: | Adani House, 56 Srimali Society, Navrangpura Ahmedabad |
| Amount(in Rs) | 3309527/- |

Amount In Words :Thirty-Three Lakh Nine Thousand Five Hundred and Twenty-Seven Rupees Only

NEFT/RTGS to be made as per following details;

| | |
|----------------------|--|
| Beneficiary Name: | MAHARASHTRA CAMPA |
| IFSC Code: | UBIN0903710 |
| Pay to Account No. | 1507819940665330 Valid only for this challan amount. |
| Bank Name & Address: | Union Bank Of India Lodhi Complex Branch, Block 11,CGO Complex, Phase I, Lodhi Road, New Delhi -110003 |

• This Challan is strictly to be used for making payment to CAMPA by NEFT/RTGS only

After making successful payment, User Agencies may send a line of confirmation through
Email: helpdeskampa@corpbank.co.in

Note:After making the required payment through challan, if the payment status has not been updated even after 7 working days, then kindly mail a copy of your challan with transaction date to
Email: cb0371@unionbankofindia.com

| Sno. Proposal No. | Application No | Application No (New) | Proposal Name | Category (ha.) | User Agency Name | Date of IN-PRINCIPLE | Demand Verified Date | Action | Status |
|-------------------|-------------------------|--------------------------------|---|----------------|---------------------------|----------------------|----------------------|--------|--------|
| 1 | FP/MH/Others/40665/2017 | OTHERS406652017133019940665330 | Berthing Jetty, Conveyor Corridor With Backup Facilities and Approach Road for Raigad Cement Bulk Terminal of AOC | Others 0.6497 | ADANI CEMENTATION LIMITED | 29-10-2021 | 16-6-2022 | Paid | Paid |
| 2 | FP/GJ/Others/28992/2017 | OTHERS28992201712919928992129 | Conveyor Corridor for Lakhpur Cement Works | Others 2.6564 | ADANI CEMENTATION LIMITED | 28-6-2019 | 28-12-2021 | Paid | Paid |
| 3 | FP/GJ/Others/28992/2017 | OTHERS28992201701919928992019 | Conveyor Corridor for Lakhpur Cement Works | Others 2.6564 | ADANI CEMENTATION LIMITED | 28-6-2019 | 19-5-2021 | Paid | Paid |

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16

Read:

1. In-principal approval letter FC No.: FC-1/MH-243/2021-NGP/8830 dated 29.10.2021 issued by MOEFCC – IRO, Nagpur
2. Demand Note letter No. B/20/Land/FC/945/2022-23 dated 09.06.2022 issued by Deputy Conservator of Forests, Alibag

UNDERTAKING FOR CONDITION NO. (IV-B)

Adani Cementation Limited is fully agreed to pay additional amount of the NPV of the diverted land if any, belonging due after finalization of the same by the Hon'ble Supreme Court of India on receipt of the report from the Expert Committee, shall be charged by the State Government from the Adani Cementation Limited.

Place : Ahmedabad

Date : 21.07.2022

For, Adani Cementation Limited


(Sanjay prasad)

Authorized Signatory
Head – Environment

Adani Cementation Ltd
Adani Corporate House
Shantigram, S G Highway
Ahmedabad 382 421
Gujarat, India
CIN: U74999GJ2016PLC094589

Tel +91 79 2555 4444
Fax +91 79 2555 7177
info@adani.com
www.adani.com

Registered Office: Adani Corporate House, Shantigram, Nr. Vaishno Devi Circle S.G. Highway Khodiyar, Ahmedabad - 382 421

adani

Ref: ACL/ENV/Forest/Maha/06-19/06

Date: 19.06.2019

To,
The District Collector,
District Collector Office,
At/PO - Alibag,
District Raigad - 402 107
Maharashtra

Sub.: Issuance of "No Objection Certificate" under The Schedule Tribe and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act 2006, for Forest Land admeasuring to 0.6497 Ha. in Raigad District under the Forest Conservation Act 1980 for "Berthing Jetty, Conveyor Corridor with Backup Facilities and Approach Road for Raigad Cement Bulk Terminal Project at Village Shahbaz and Shahpur, Ta. Alibag, Dist - Raigad, Maharashtra by Adani Cementation Limited.

Dear Sir,

Adani Cementation Limited (ACL) has made proposal for Berthing Jetty, Conveyor Corridor with Backup Facilities and Approach Road for Raigad Bulk Cement Terminal Project at Village Shahbaz and Shahpur, Ta. Alibag, Dist - Raigad, Maharashtra. Maharashtra Maritime Board has granted Letter of Intent for Berthing Jetty vide letter no. MMB/Planning-2/Adani/Captive Jetty/6-2018/3242 dated 03.07.2018. Letter attached as Annexure I.

Forest application under Section-2 of Forest Conservation Act, 1980 for diversion of Total 0.6497 Ha. area has been made vide Proposal Number FP/MH/Others/40665/2019, for which we need to submit the details of Forest Rights under The Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006.

The Details of Village wise Forest Land required for Berthing Jetty, Conveyor Corridor with Backup Facilities and Approach Road for Raigad Cement Bulk Terminal is attached as Annexure II. Survey of India Toposheet showing Proposed Project is enclosed as Annexure III.

To expedite linear project, the Ministry of Environment and Forest, Govt. of India has exempted requirement of obtaining consent of concern Gram Sabha vide circular no. F.No. 11-09/98-FC (pt.) dated 05.02.2013. Relevant text from the letter is recited as below.

The proposal seeking the prior approval of central government under section 2 of the Forest (Conservation) Act, 1980 for projects like Construction of roads, canals, laying of pipelines/optical fibres and transmission lines, where linear diversion of use of forest land

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adani

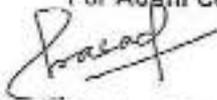
in several villages are involved, unless recognized rights of PTG/PAC are being exempted from the requirement of obtaining consent of concern Gram Sabha(s)

Since, the above forest diversion is for "Construction of Conveyor Corridor & Approach Road" where linear diversion of use of forest land in two villages is involved, the said project is exempted from the consent of Gram Sabha(s) with reference to the above mentioned circular of MoEF&CC. Copy of said circular attached at Annexure IV.

As a pre requisite requirement, we request you for the "Certificate" under The Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006, as per enclosed format and guidelines from MoEF&CC, so that the information can be submitted to the Dy. Conservator of Forest, Raigad.

Thanking you,

Yours faithfully,
For Adani Cementation Limited,



(Sanjay Prasad)
Authorized Signatory



Encl.: As mentioned above.

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Gujarat, India

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www.adani.com

CIN: U74999GJ2016PLC094589

Registered Office: Adani House, 56, Shrimail Society, Navrangpura, Ahmedabad 380 009, Gujarat, India

Read:

1. In-principal approval letter FC No.: FC-1/MH-243/2021-NGP/8830 dated 29.10.2021 issued by MOEFCC – IRO, Nagpur
2. Demand Note letter No. B/20/Land/FC/945/2022-23 dated 09.06.2022 issued by Deputy Conservator of Forests, Alibag

UNDERTAKING FOR CONDITION NO. (Viii)

Adani Cementation Limited (ACL) hereby undertake that the ACL shall develop a separate nursery at one or more places to raise at least 5,000 seedlings of forestry species along with bamboo, fruit bearing, medicinal, ornamental and indigenous/local every year. Out of which at least 50% of seedlings shall planted by ACL in and around the project area and rest of the seedlings shall be voluntary distributed free of cost to improve the Forest/Tree cover and to reduce pollution. ACL shall prepare a compliance report including species wise details of seedlings raised, location of plantation area and details of villagers whom seedlings have been distributed and submit to Integrated Regional Office of MoEF&CC at every Six Month.

Place : Ahmedabad

Date : 21.07.2022

For, Adani Cementation Limited


(Sanjay prasad)
Authorized Signatory

Head – Environment

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Read:

1. In-principal approval letter FC No.: FC-1/MH-243/2021-NGP/8830 dated 29.10.2021 issued by MOEFCC – IRO, Nagpur
2. Demand Note letter No. B/20/Land/FC/945/2022-23 dated 09.06.2022 issued by Deputy Conservator of Forests, Alibag

UNDERTAKING FOR CONDITION NO. (XI)

Adani Cementation Limited hereby undertake that the Layout Plan of the proposal shall not be changed without prior approval of Central Government.

Place : Ahmedabad

Date : 21.07.2022

For, Adani Cementation Limited


(Sanjay prasad)

Authorized Signatory
Head – Environment

Read:

1. In-principal approval letter FC No.: FC-1/MH-243/2021-NGP/8830 dated 29.10.2021 issued by MOEFCC – IRO, Nagpur
2. Demand Note letter No. B/20/Land/FC/945/2022-23 dated 09.06.2022 issued by Deputy Conservator of Forests, Alibag

UNDERTAKING FOR CONDITION NO. (XII)

Adani Cementation Limited hereby undertake that No Labour Camp shall be established on the forest land

Place : Ahmedabad

Date : 21.07.2022

For, Adani Cementation Limited




(Sanjay prasad)

Authorized Signatory

Head – Environment

Read:

1. In-principal approval letter FC No.: FC-1/MH-243/2021-NGP/8830 dated 29.10.2021 issued by MOEFCC – IRO, Nagpur
2. Demand Note letter No. B/20/Land/FC/945/2022-23 dated 09.06.2022 issued by Deputy Conservator of Forests, Alibag

UNDERTAKING FOR CONDITION NO. (XIII)

Adani Cementation Limited hereby undertake that Sufficient firewood, preferably the alternate fuel (LPG) shall be provided to the labourer and staff working at the site from legal source of alternate fuel.

Place : Ahmedabad

Date : 21.07.2022

For, Adani Cementation Limited



(Sanjay prasad)

Authorized Signatory

Head – Environment

Read:

1. In-principal approval letter FC No.: FC-1/MH-243/2021-NGP/8830 dated 29.10.2021 issued by MOEFCC – IRO, Nagpur
2. Demand Note letter No. B/20/Land/FC/945/2022-23 dated 09.06.2022 issued by Deputy Conservator of Forests, Alibag

UNDERTAKING FOR CONDITION NO. (XIV)

Adani Cementation Limited undertake that the boundary of the diverted forest land will be suitably demarcated on ground at the project cost, as per the directions of the concerned Divisional Forest Officer, Alibag Forest Division.

Place : Ahmedabad

Date : 21.07.2022

For, Adani Cementation Limited



(Sanjay prasad)

Authorized Signatory
Head – Environment

Read:

1. In-principal approval letter FC No.: FC-1/MH-243/2021-NGP/8830 dated 29.10.2021 issued by MOEFCC – IRO, Nagpur
2. Demand Note letter No. B/20/Land/FC/945/2022-23 dated 09.06.2022 issued by Deputy Conservator of Forests, Alibag

UNDERTAKING FOR CONDITION NO. (XV)

Adani Cementation Limited hereby undertake that no additional path other than proposed project activities (i.e. Conveyor Corridor and Approach Road) will be constructed inside the forest area for transportation of construction materials for execution of the project work

Place : Ahmedabad

Date : 21.07.2022

For, Adani Cementation Limited



(Sanjay Prasad)

Authorized Signatory
Head – Environment

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Read:

1. In-principal approval letter FC No.: FC-1/MH-243/2021-NGP/8830 dated 29.10.2021 issued by MOEFCC – IRO, Nagpur
2. Demand Note letter No. B/20/Land/FC/945/2022-23 dated 09.06.2022 issued by Deputy Conservator of Forests, Alibag

UNDERTAKING FOR CONDITION NO. (XVI)

Adani Cementation Limited hereby undertake that the period of diversion under this approval shall be co-terminus with the period of lease to be granted in favour of Adani Cementation Limited or project life, whichever is less.

Place : Ahmedabad

Date : 21.07.2022

For, Adani Cementation Limited



(Sanjay Prasad)

Authorized Signatory

Head – Environment

Read:

1. In-principal approval letter FC No.: FC-1/MH-243/2021-NGP/8830 dated 29.10.2021 issued by MOEFCC – IRO, Nagpur
2. Demand Note letter No. B/20/Land/FC/945/2022-23 dated 09.06.2022 issued by Deputy Conservator of Forests, Alibag

UNDERTAKING FOR CONDITION NO. (XVII)

Adani cementation Limited hereby undertake that the forest land will not be used for any purpose other than that specified in the project proposal.

Place : Ahmedabad

Date : 21.07.2022

For, Adani Cementation Limited



(Sanjay Prasad)

Authorized Signatory

Head – Environment

Read:

1. In-principal approval letter FC No.: FC-1/MH-243/2021-NGP/8830 dated 29.10.2021 issued by MOEFCC – IRO, Nagpur
2. Demand Note letter No. B/20/Land/FC/945/2022-23 dated 09.06.2022 issued by Deputy Conservator of Forests, Alibag

UNDERTAKING FOR CONDITION NO. (XVIII)

Adani Cementation Limited hereby undertake that the forest land proposed to be diverted shall under no circumstances to be transferred to any other Agencies, Department, or Person without prior approval of Govt. of India.

Place : Ahmedabad

Date : 21.07.2022

For, Adani Cementation Limited


(Sanjay prasad)

Authorized Signatory

Head – Environment

Compliance to Conditions of MCZMA Recommendation vide Minutes of 149th Meeting of MCZMA dated 04.12.2022 for item no. 9 of the meeting Agenda to Establish 'Jetty, Conveyor Corridor with Backup Storage Facilities and Approach Road' proposed by Adani Cementation Limited

Date: 15.07.2022

| Specific Conditions: | | |
|----------------------|--|--------------------------------|
| S.N. | Conditions | Compliance |
| i. | The proposed activities should be carried out strictly as per the provisions of CRZ Notification, 2011 as amended from time to time. | • Noted and Compliance assured |
| ii. | Project proponent should implement Mitigation measures and Environment Management plan as stipulated in the EIA report, effectively and efficiently during construction and operational phase of the project to ensure that coastal environment is protected. | • Noted and Compliance assured |
| iii. | PP should carry out simultaneous monitoring of the impact of project activities on the surrounding area and accordingly, implement the mitigation plan & environment management plan for the protection of the coastal environment. | • Noted and Compliance assured |
| iv. | PP to ensure that mangroves cutting should be restricted to minimum. Spacing between piles of conveyor corridor should be designed in such a way that it will have minimum footprint in the mangrove area. Adequate Culverts/ channels should be provided at appropriate locations while constructing approach road so as to ensure the free movement of the tidal water in the mangrove vegetation. | • Noted and Compliance assured |
| v. | PP to ensure that no reclamation shall be carried out at the two creeklets present near the project location. Free flow of the creeklets should not be blocked, during construction and operation phase of the project. | • Noted and Compliance assured |

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| | | |
|-------|--|---|
| vi. | PP to ensure that the dredging should be carried out in controlled manner confined to only jetty area. | • Noted and Compliance assured |
| vii. | Cement plant should be located outside CRZ area, as proposed by the PP. Proper care and effective measures should be taken to avoid spillages or fugitive emission of the material from the backup storage facilities. Conveyor belt should be fully enclosed to ensure zero spillage of the transport material. | • Noted and Compliance assured |
| viii. | Green Belt should be developed around the backup storage facilities so as to mitigate the air pollution due to fugitive emission. Trucks/vehicles should be properly covered during the transportation to avoid spillage of the material. | • Noted and Compliance assured |
| ix. | PP to obtain the NoC from the mangrove cell. Compensatory afforestation of the mangroves 10 times should be carried out with the help of the forest Dept, as committed by the PP. | • Noted and Compliance assured. • Site verification report submitted by DCF, Alibag for to PCCF-Mangrove Cell, Mumbai for NOC. (Annexure – i) |
| x. | PP to obtain the Forest clearance under Forest (Conservation) Act, 1980 for diversion of the forest land. | • Noted and Compliance assured • ACL has obtained Stage-I (In-Principle approval) Forest Clearance vide F. No. FC-I/MH-243/2021-NGP / 8830 dated 29.10.2021. |
| xi. | PP to obtain the prior High Court permission since, the project involve cutting of the mangroves. | • Noted and Compliance assured • Application is under preparation and to be submitted. |
| xii. | PP to ensure Oil spill contingency plan should be formulated and implemented to handle accidental oil spill. | • Noted and Compliance assured |
| xiii. | Vessel Ships/ barges will not be permitted to discharge wastes, treated or untreated effluents in the creek, PP to have monitoring plan to check creek water quality and accordingly implement appropriate mitigation measures. | • Noted and Compliance assured |
| xiv. | PP to install the Sewage Treatment plant (STP) for the treatment of the domestic waste | • Noted and Compliance assured |

| | | |
|----------------------------|--|---|
| | water treatment at backup infrastructure facility. | |
| xv. | The construction debris and dredged material should not be disposed off in the mangrove area & creek water to avoid any adverse impact on mangroves and marine water quality. | • Noted and Compliance assured |
| xvi. | Debris generated during the project activity should not be dumped in CRZ area. It should be processed scientifically at a designated place. | • Noted and Compliance assured |
| xvii. | PP to ensure that best industrial practices should be followed for fire safety measures and for conservation of coastal environment. | • Noted and Compliance assured |
| xviii. | PP to ensure that movement of the fishermen boats should not be obstructed due to project activities. | • Noted and Compliance assured |
| xix. | All other required permissions from different statutory authorities should be obtained prior to commencement of work. | • Noted and Compliance assured. • Project commencement is envisaged after all required approvals and permissions from concern authorities. |
| General Conditions: | | |
| i. | The MCZMA reserves the right to revoke this recommendation, if the conditions stipulated are not complied with to the satisfaction of the MCZMA or Environment Department. | • Noted |
| ii. | The MCZMA or any other competent authority, concern planning authority may stipulate any additional conditions subsequently, if deemed necessary, for environmental protection, which shall be complied with. | • Noted |
| iii. | The clearance accorded to the projects under this notification shall be valid for a period of seven years from the date of issue of such clearance: provided that the construction activities shall commence within a period of five years from the date of the issue of clearance and the construction be completed | • Noted |

| | | |
|-----|---|---------|
| | and the operations be commenced within seven years from the date of issue of such clearance. | |
| iv. | The recommendation from CRZ point of view is being issued without prejudice to the action initiated under EP Act or any court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision under EP Act or of the Hon'ble court will be binding on the project proponent. Hence this recommendation does not give immunity to the project proponent in the case filed against him, if any or action initiated under EP Act. | • Noted |

For, Adani Cementation Limited



 (Sanjay prasad)

Authorized Signatory
 Head – Environment



अपर प्रधान मुख्य वनसंरक्षक, कांदळवन कक्ष, मुंबई यांचे कार्यालय,
३०२, वेक फिल्ड हाऊस, ३ रा मजला, ब्रिटानिया रेस्टोरंट जवळ, बॅलार्डइस्टेट, फोर्ट, मुंबई ४०० ००१.
दूरध्वनी क्र.०२२-२२६९४९८४/८५, Email:ccfmumbai@gmail.com/dcfmangrovecell@gmail.com

पत्र

विषय : Permission for cutting of Mangroves and
afforestation as per sanctioned granted by
MCZMA for construct the captive jetty and allied
facilities at village shabbaj and Shahpur, Taluka-
Alibag, District- Raigad.

जा.क्र. कक्ष-३/जमीन/ ५११ /सन २०२०-२१
फोर्ट, मुंबई ४०० ००१ दिनांक २२/६/२०२१.

प्रति,

सदस्य सचिव,

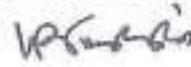
MCZMA, पर्यावरण विभाग, मंत्रालय, मुंबई

- संदर्भ : १. प्रकल्प यंत्रणा Adani यांचेकडील पत्र क्र. ACL/ENV/RCBT-JETTY/
Mangrove Cell/ 10-20/13 दिनांक 08/01/2021.
२. 149th Meeting of Maharashtra Coastal Zone Management Authority
(MCZMA) dated 4th December 2020.
३. या कार्यालयाचे पत्र क्र. कक्ष-३/जमीन/१५८४, दि. २५.०२.२०२१.
४. उपवनसंरक्षक (प्रा.) अलिबाग यांचेकडील पत्र क्र. अ/२०/जमीन/बसं/३८५,
दि. ०४.०६.२०२१

उपरोक्त संदर्भांमध्ये प्रकल्प यंत्रणेने संदर्भ क्र. १ अन्वये MCZMA यांच्या १४४ व्या बैठकीमध्ये दिलेल्या
इतिवृत्तातमध्ये अट क्र. ९ नुसार प्रस्तावाच्या अनुषंगाने कांदळवन कक्षाकडून अभिप्राय देण्याबाबत विनंती केली
आहे. तथापि, सदरचे क्षेत्र हे उपवनसंरक्षक (प्रा.) अलिबाग यांचे कार्यक्षेत्रात येत असल्यामुळे त्याचे स्तरावरून
विषयांकित प्रकरणी स्थळ पाहणी करून अभिप्रायासह तात्काळ अहवाल सादर करण्याच्या सूचना करण्यात
आलेल्या होत्या. संदर्भ क्र. ४ अन्वये उपवनसंरक्षक (प्रा.) अलिबाग यांनी सविस्तर अहवाल सादर केलेला आहे.
सदर अहवाल माहितीसाठी अग्रेषित करित आहे.

अहवालचे अवलोकन केले असता, सदर प्रकल्पामुळे ०.६४९७ हे. वन जमीनीचे वळतीकरण करावे
लागत असल्यामुळे वन (संवर्धन) कायदा १९८० च्या तरतुदीत आकृष्ट होत आहेत. त्यामुळे केंद्र शासनाची
परवानगी घेणे आवश्यक आहे. तसेच सदर प्रकल्पामुळे कांदळवन बाधित होणार असल्याने मा. उच्च न्यायालय,
मुंबई यांचीदेखील परवानगी घेणे आवश्यक राहिल.

सोबत : वरीलप्रमाणे


(वीरेन्द्र कुलवारी) २२/६

अपर प्रधान मुख्य वनसंरक्षक
कांदळवन कक्ष, मुंबई

प्रतिलिपी- Adani Corporate House, Shantigram, Nr Vaishno Devi Circle, S G Highway,
Ahmedabad - 382 421, Gujrat, India.



महाराष्ट्र शासन



उप वनसंरक्षक, अलिबाग यांचे कार्यालय, अलिबाग

मु.पो.हिराकवेट तलावाजवळ अलिबाग ता.अलिबाग जि.रायगड पो.नं. 402 201
दूरध्वनी क्र 02141-222018/222216 Email ID:dycfalibag@mahaforest.gov.in

जावक क्रमांक: अ/20/जमिन/वसं/ ३४५ /2021-22. दिनांक: 4 /06/2021

प्रति,

अपर प्रधान मुख्य वनसंरक्षक,
कांदळवन कक्ष, मुंबई.

अपर प्रधान मुख्य वनसंरक्षक, कांदळवन कक्ष,
मुंबई यांचे कार्यालय

आवक - 724

दिनांक 15/6/21

विषय:- वन जमिन रायगड

मुख्य लेखापाल

अपर प्रधान मुख्य वनसंरक्षक

Permission for cutting of Mangroves and afforestation as per sanctioned granted by MCZMA for construction the captive jetty and allied facilities at village Shahabaj and Shahapur, Tal. Alibag, Dist. Raigad

संदर्भ:- 1) प्रकल्प यंत्रणा Adani यांचेकडील पत्र क्र.ACL/ENV/RCBT-JETTY/Mangrove Cell/10-20/13, दिनांक 08/01/2021.

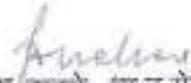
2) 149th Meeting of Maharashtra Coastal Zone Management Authority (MCZMA) dated 4th December 2020.

3) आपलेकडील पत्र क्र. कक्ष-3/जमीन/1584, दिनांक 25/02/2021.

विषयांकित प्रकरणी आपलेकडील संदर्भिय पत्र क्र. 4 अन्वये प्राप्त सुचनांनुसार विषयांकीत प्रस्तावामध्ये बाधित होत असलेल्या कांदळवन क्षेत्राबाबत उप वनसंरक्षक, अलिबाग यांनी दिनांक 19/12/2019 रोजी स्वच्छ पहाणी केलेली असून सदर स्वच्छ पहाणी अहवाल या सोबत जोडून सादर केला आहे. तसेच सदर प्रकल्पांतर्गत बाधित होणारे कांदळवन वृक्षांघो यादी व त्याचे तोडीबाबतचे अंदापत्रक या सोबत जोडून आपले माहितीसाठी सादर केले आहेत.

कांदळवनाचे 0.6497 हेक्टर वनजमिन मागणीचा प्रस्ताव हा मुख्य वनसंरक्षक, ताणे यांचेमार्फत केंद्रशासनाचे मंजूरीकरीता या कार्यालयाकडील पत्र क्र. अ/20/जमिन/1679, दिनांक 14/1/2020 अन्वये सादर करण्यात आलेला आहे. सदर पत्राची छायांकीत प्रत देखील आपले माहितीसाठी सादर.

सहपत्र - वरिलप्रमाणे


(आशिष/ठाकरे, आ.व.से.)

उपवनसंरक्षक

अलिबाग.

प्रतिलिपी:- अदानी सिमेंटस्टेशन लि., अदानी कॉर्पोरेट हाऊस, शांतीग्राम, एस.जी.हायवे, अहमदाबाद-382 241 यांचेकडे माहितीसाठी रवाना.

जमीन

24/6/21



अपर प्रधान मुख्य वनसंरक्षक, कांदळवन कक्ष, मुंबई यांचे कार्यालय,
३०२, वेक फिल्ड हाऊस, ३ रा मजला, ब्रिटानिया रेस्टोरंट जवळ, बॅलाडइस्टेट, फोर्ट, मुंबई ४०० ००१.
दूरध्वनी क्र.०२२-२२६९४९८४/८५, Email:ccfmumbai@gmail.com/dfcmangrovecell@gmail.com

पत्र

विषय : Permission for cutting of Mangroves and
afforestation as per sanctioned granted by
MCZMA for construct the captive jetty and allied
facilities at village shahbaj and Shahpur, Taluka-
Alibag. District- Raigad.

जा.क्र. कक्ष-3/जमीन/ 411 /सन 2020-21

फोर्ट, मुंबई 400 001 दिनांक 22/6/2021.

प्रति,

सदस्य सचिव,

MCZMA, पर्यावरण विभाग, मंत्रालय, मुंबई

- संदर्भ : 1. प्रकल्प यंत्रणा Adani यांचेकडील पत्र क्र. ACL/ENV/RCBT-JETTY/
Mangrove Cell/ 10-20/13 दिनांक 08/01/2021.
2. 149th Meeting of Maharashtra Coastal Zone Management Authority
(MCZMA) dated 4th December 2020.
3. या कार्यालयाचे पत्र क्र. कक्ष-3/जमीन/1584, दि. 25.02.2021.
4. उपवनसंरक्षक (प्रा.) अलिबाग यांचेकडील पत्र क्र. अ/20/जमीन/वसं/385,
दि. 04.06.2021

उपरोक्त संदर्भान्वये प्रकल्प यंत्रणेने संदर्भ क्र. 1 अन्वये MCZMA यांच्या 144 व्या बैठकीमध्ये दिलेल्या
इतिवृत्तातमध्ये अट क्र. 9 नुसार प्रस्तावाच्या अनुषंगाने कांदळवन कक्षाकडून अभिप्राय देण्याबाबत विनंती केली
आहे. तथापि, सदरचे क्षेत्र हे उपवनसंरक्षक (प्रा.) अलिबाग यांचे कार्यक्षेत्रात येत असल्यामुळे त्याचे स्तरावरून
विषयांकित प्रकरणी स्थळ पाहणी करून अभिप्रायासह तात्काळ अहवाल सादर करण्याच्या सूचना करण्यांत
आलेल्या होत्या. संदर्भ क्र. 4 अन्वये उपवनसंरक्षक (प्रा.) अलिबाग यांनी सविस्तर अहवाल सादर केलेला आहे.
सदर अहवाल माहितीसाठी अग्रेषित करीत आहे.

अहवालाचे अवलोकन केले असता, सदर प्रकल्पामुळे 0.6497 हे. वन जमीनीचे वळतीकरण करावे
लागत असल्यामुळे वन (संवर्धन) कायदा 1980 च्या तरतुदीत आकृष्ट होत आहेत. त्यामुळे केंद्र शासनाची
परवानगी घेणे आवश्यक आहे. तसेच सदर प्रकल्पामुळे कांदळवन बाधित होणार असल्याने मा. उच्च न्यायालय,
मुंबई यांचीदेखील परवानगी घेणे आवश्यक राहिल.

सोबत : वरीलप्रमाणे


(वीरेन्द्र सिवारी) 22/6

अपर प्रधान मुख्य वनसंरक्षक
कांदळवन कक्ष, मुंबई

प्रतिलिपी- Adani Corporate House, Shantigram, Nr Vaishno Devi Circle, S G Highway,
Ahmedabad - 382 421, Gujrat, India.



महाराष्ट्र शासन

उप वनसंरक्षक, अलिबाग यांचे कार्यालय, अलिबाग

"वृक्षवल्ली आम्हा सोयरे वनगणे"

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

दुरध्वनी क्र 02141-222018/222218

Email ID: dycaibag@mahaforest.gov.in

जावक क्रमांक: अ/20/जमिन/वसं/ 385 /2021-22.

दिनांक: 4 /06/2021

प्रति,

अपर प्रधान मुख्य वनसंरक्षक,
कांदळवन कक्ष, मुंबई.

अपर प्रधान मुख्य वनसंरक्षक, कांदळवन कक्ष,

मुंबई यांचे कार्यालय

आवक - 724

दिनांक 15/6/21

विषय:- वन जमिन रायगड

मुख्य लेखापाल

अपर प्रधान मुख्य वनसंरक्षक

Permission for cutting of Mangroves and afforestation as per sanctioned granted by MCZMA for construction the captive jetty and allied facilities at village Shahabaj and Shahapur, Tal. Alibag, Dist. Raigad

- संदर्भ:- 1) प्रकल्प यंत्रणा Adani यांचेकडील पत्र क्र. ACI/ENV/RCBT-JETTY/Mangrove Cell/10-20/13, दिनांक 08/01/2021.
2) 149th Meeting of Maharashtra Coastal Zone Management Authority (MCZMA) dated 4th December 2020.
3) आपलेकडील पत्र क्र. कक्ष-3/जमीन/1584, दिनांक 25/02/2021.

विषयांकित प्रकरणी आपलेकडील संदर्भित पत्र क्र. 4 अन्वये प्राप्त सुचनांनुसार विषयांकित प्रस्तावामध्ये बाधित होत असलेल्या कांदळवन क्षेत्राबाबत उप वनसंरक्षक, अलिबाग यांनी दिनांक 19/12/2019 रोजी स्थळ पहाणी केलेली असून सदर स्थळ पहाणी अहवाल या सोबत जोडून सादर केला आहे. तसेच सदर प्रकल्पांतर्गत बाधित होणारे कांदळवन वृक्षांची यादी व त्याचे तोडीबाबतचे अंदापत्रक या सोबत जोडून आपले माहितीसाठी सादर केले आहेत.

कांदळवनाचे 0.6497 हेक्टर वनजमिन मागणीचा प्रस्ताव हा मुख्य वनसंरक्षक, ठाणे यांचेगर्फत केंद्रशासनाचे मंजूरीकरिता या कार्यालयाकडील पत्र क्र. अ/20/जमिन/1679, दिनांक 14/1/2020 अन्वये सादर करणेत आलेला आहे. सदर पत्राची छायांकित प्रत देखील आपले माहितीसाठी सादर.

सहपत्र - वरिलप्रमाणे

(आशिष/ठाकरे, भा.व.से.)

उपवनसंरक्षक

अलिबाग.

प्रतिलिपी:- अदानी सिमेंटस्टेशन लि., अदानी कॉर्पोरेट हाऊस, शांतीयाम, एस.जी.हायवे, अहमदाबाद-
382 241 यांचेकडे माहितीसाठी रवाना.

जमीन

148
16/6

**OFFICE OF THE DEPUTY CONSERVATOR OF FOREST, ALIBAG**AT/ POST/ TAL. - ALIBAG, DIST. RAIGAD TEL. 02141-222016
E-mail- dyc@alibag@mahaforest.gov.inLetter**Subject: Forest land Alibag.**

Diversion of Forest land 0.6497 Ha
For Berthing jetty, Conveyor corridor with
Backup facilities and Approach road for
Raigad Cement Bulk Terminal proposed by
Adani Cementation Limited (in forest Area) in
village Shahapur, Shahabaz taluka Alibag
District Raigad, Maharashtra State.

No. A/20/Land/ 1673 /2019-2020.
Alibag - 402 201. Dated:- 14/01/2020.

To,

✓ The Chief Conservator of Forests,
Thane.

- Ref:-1) Shri. Sanjay Prasad authorized signatory of Aadani Cementation Limited letter dated 19/06/2019.
2) This office letter No. B/20/Land/1762, dated 08/07/2019.
3) Shri. Sanjay Prasad authorized signatory of Aadani Cementation Limited letter No. ACL/ENV/RCBT/Forest-19/10 dt. 30/07/2019.
4) This office letter No. B/20/Land/2480, dated 28/08/2019
5) Shri. Sanjay Prasad authorized signatory of Aadani Cementation Limited letter dated 16/10/2019.
6) This office letter No. B/20/Land/3125, dated 19/10/2019
7) Shri. Sanjay Prasad authorized signatory of Aadani Cementation Limited letter dated 24/10/2019.
8) This office letter No. B/20/Land/3698, dated 10/12/2019
9) Shri. Sanjay Prasad authorized signatory of Aadani Cementation Limited letter No. ACL/ENV/RCBT/Forest dated. 12/12/2019
10) This office letter No. B/20/Land/3840, dated 18/12/2019

Shri. Sanjay Prasad authorized signatory of Aadani Cementation Limited has submitted a proposal for construction of Berthing Jetty Conveyor corridor with backup Facilities and approach road for Raigad cement bulk at Village Shahbaz and Shahapur of Alibag Taluka in Raigad District. This project requires 0.6497 ha. area of Sec. 4 Reserved Forest (Mangrove) and Mangrove forest land therefore the project authority is seeking GOI permission under Forest (Conservation) Act, 1980.

| S.No. | Village Name | Taluka | S. No. | Area (Ha.) | Legal Status |
|-------|--------------|--------------|--------|---------------|----------------------------------|
| 1) | Shahbaz | Alibag | 346 | 0.1433 | Sec-4 Reserved Forest (Mangrove) |
| 2) | Shahbaz | Alibag | Nala | 0.0361 | Nala Mangrove |
| 3) | Shahapur | Alibag | Nala | 0.0497 | Nala Mangrove |
| 4) | Shahapur | Alibag | 602 | 0.0915 | Sec-4 Reserved Forest(Mangrove) |
| 5) | Shahapur | Alibag | 600 | 0.1129 | Sec-4 Reserved Forest(Mangrove) |
| 6) | Shahapur | Alibag | Creek | 0.2162 | Creek Mangrove |
| | | Total | | 0.6497 | |

The following documents which are necessary as per Government of India instructions have been submitted with the proposal.

- 1) Prescribed form- A, Part - I & II.
- 2) Area statement.
- 3) Index map of suitable scale.
- 4) Certificate regarding uses of forest land.
- 5) Brief project details from the Project Authority.
- 6) The project authority has given an undertaking of Net Present Value.
- 7) The site inspection report of Deputy Conservator of Forests, Alibag.

This proposal is for construction of Berthing jetty, conveyor corridor with backup facilities and approach road. This project involves 0.6497 ha. forest land as well as mangrove forest land. This project involves below 1.00 ha. forest land, therefore the compensatory non-forest land is not required. Hence, compensatory afforestation is proposed on 1.00 ha. degraded forest land. The degraded forest land identified for compensatory afforestation at S.No.134A, (new S.No. 135) of village Navedar Beli, Tal. Alibag, Dit. Raigad. The project authority is willing to bear the cost of compensatory afforestation as required by the Government.

This proposal involves cement production in the area. The proposal plant will ensure that the supply situation in coastal Maharashtra is comfortable in the coming times, as growth is expected to propel demand.

The user agency is ready to bear all the Government levies hence the proposal is being recommended for approval for diverting the required forest land under Forest (Conservation) Act, 1980 on the following conditions-

- 1) The legal status of forest land shall remain unchanged.
- 2) The Project Authority would preserve the existing mangrove patches along the creek & by maintaining regular water flow from sea.
- 3) The area diverted will be used only for the purpose mentioned in proposal.
- 4) Cost of compensatory afforestation to be borne by the Project Authority.
- 5) Net Present Value to be borne by Project Authority.
- 6) Project authority provide dug out Boat for Mangrove protection purpose to Alibag Forest Division.

Encl: 6 sets of proposals

(Maneesh Kumar)
Deputy Conservator of Forests,
Alibag.

Copy submitted to the Additional Principal Chief Conservator of Forests & Nodal Officer, M.S. Nagpur.

Copy forwarded with compliments to the Collector, Raigad for information.

Copy forwarded to Shri. Sanjay Prasad authorised signatory of Adani Cementation Ltd. Adani House, 56, Sharmali Society, Navrangpura, Ahmedabad 380 009, Gujarat, India.

Copy to Assistant Conservator of Forests, Alibag for information.

Copy to Range Forest Officer, Alibag for information.

SITE INSPECTION REPORT

| Sr. No. | Items | Observation and remarks |
|---------|--|--|
| 1. | Name of the Project and location (Range, Round, Beat) | Diversion of 0.6497 Ha. Reserved forest and mangrove forest land for construction of Berthing Jetty, Conveyor corridor with Backup Facilities and approach road Tal. Alibag, Dist. Raigad, Maharashtra State |
| | Location i) Division | Alibag Forest Division. |
| | ii) Range | Alibag |
| | iii) Round | Tinveera & Kankeshwar |
| | iv) S.No. | 346, 600, 602 and Nala, Creek |
| 2. | Name of the User Agency | Shri. Sanjay Prasad Authorized Signatory of Adani Cementation Limited |
| 3. | Date of site inspection | 19/12/2019. |
| 4. | Extent (ha) and legal status of forest land proposed for diversion | 0.6497 Ha. Reserve Forest land (Mangrove) and |
| 5. | a) Details of forest land proposed for diversion and activity-wise break-up of forest land | Detailed area statement attached on Pg. No. 5 |
| | b) Density of the forest | The density is 0.4 |
| 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. Required forestland is barest minimum and unavoidable. |
| 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 form wildlife point of view or not | No. |
| | b. Details of any rare or endangered or unique species of | Nil. |

| | | |
|-----|---|---|
| | flora and fauna found in proposed forest land. If so, the details thereof. | |
| c. | Aerial distance from the nearest boundary of any Protected Area (km) | : The Project area is about 20 Km. from Kamala Bird Sanctuary and this project area does not falls in Kamala Bird Sanctuary Eco-Sensitive Zone. |
| d. | Remarks about sensitivity of the forest area likely to be affected due to project. | : There is no adverse effect on the wildlife and birds in the sanctuary or Eco-Sensitive Zone. |
| e. | Whether wildlife mitigation plan is required? If, yes, reason therefore | : No. |
| 9. | Details of vegetation | |
| a. | Total number of trees to be felled: | : 158 |
| b. | Number of trees to be felled of girth below 60 cm: | : 156 |
| c. | Number of trees to be felled of girth above 60 cm: | : 2 |
| d. | Effect of removal of trees on the general ecosystem in the area | : Nil. |
| 10. | Background note on the proposal (short summary) | : Project summary attached on Page No. 60 |
| 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 violation notice. |
| 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 catchments and cultivable command area under the project (if applicable) | : Nil |

| | | |
|-----|--|---|
| | Status of catchments area treatment plan to prevent siltation of reservoir (if applicable) | : Nil |
| 14. | Utility of the Project | : Diversion of 0.6497 ha. of forest land for construction Berthing Jetty Conveyor corridor with backup facilities and approach road . |
| 15. | Whether land being diverted has any socio-cultural / religious values? Whether any sacred grove or very old growth trees/forests exist in the areas proposed for diversion | : No. |
| 16. | Any other important information related to the project (Separate note may be attached, if required) | : No. |
| 17. | Details of documents and photographs enclosed: | : Photographs enclosed on Page No. |
| 18. | Recommendations of the Inspecting Officer (CCF/CF/DCF) | : This proposal is for construction of Berthing jetty, Conveyor Corridor with Backup Facilities and approach Road for Cement Bulk Terminal. Project proponent is ready to bear all the Government levies hence the proposal is being recommended for approval for diverting the required forest land under Forest (Conservation) Act, 1980. |

Date : 19/12/2019.
Place : Alibag

(Maneesh Kumar)
Deputy Conservator of Forest
Alibag

Site Inspection Note

The under signed has inspected the proposed site on dated 19/12/2019, which is proposed for construction of Berthing Jetty, conveyor corridor with Backup facilities and Approach Road for Cement Bulk Terminal at village Shahabaz and Shahapur Tal. Alibag, Dist. Raigad.

When the undersigned visited the site, the project proponent indicated the required land of the Sec. 4 Reserved Forest (Mangrove) land S. No. 346 and mangrove area admeasuring 0.6497 ha. for proposed non-forest activities. There is no work is started, hence violation of the Forest (Conservation) Act, 1980 and guidelines under it is not noticed. At certain points along creek mangrove patches were found that were receiving sea water from adjoining Creek. The project representative said that while doing wall construction they would leave space, so as to not block water mouth from creek. This is important for protection of mangroves.

The forest area proposed for this project is unavoidable. The cutting of mangrove trees to be required for this proposal.

Date : 19/12/2019.

Place : Alibag

(Manceesh Kumar)
Deputy Conservator of Forests,
Alibag.

PROJECT NOTE

Shri. Sanjay Prasad authorized signatory of Adani cementation Limited has submitted a proposal for diversion of 0.6497 Ha. Sec. 4 Reserved forest (Mangrove) land and Mangrove forest area for construction of berthing jetty, Conveyor Corridor with backup facilities and Approach road for Raigad cement Bulk Terminal Project at village Shahbaz and Shahpur village in Raigad District of Maharashtra State.

There is no alternate alignment is available and the required forest area is barest minimum and unavoidable for proposed development of the Project Authority. The user agency has not started any work on proposed forest land.

This proposal proposed jetty, conveyor corridor with backup facilities will be on the western side of the PNP Port.. This project involves 0.6497 ha forest land. The status of land is Reserved forest land and mangrove forest land, therefore, the compensatory non-forest land is not required. Hence, compensatory afforestation is proposed on 1.00 ha. degraded forest land. The project authority is willing to bear the cost of compensatory afforestation and all Government levies as required by the Government.

Therefore this proposal has been recommended for diversion of 0.6497ha. forest land for non-forest purposes.

Date : 19/12/2019.
Place : Alibag

(Maneesh Kumar)
Deputy Conservator of Forests,
Alibag.

Estimate For Extraction of Timber & Fuel Wood from Shahabaj and Shahapur
Mangroves forest G.No.346, S.No.600 and 602 Bering Jetty Construction Shahabaj to
Division : Alibag

Site : Shahabaj Mangroves Forest G.No.346, Shahapur S.No. 600 and 602.

Range - Alibag

Round: Tinveera and Kankeshwar

Expenditure on felling site

| Item No. | Particular | Quantity | Rate | Amount |
|----------|---|-------------------------|-----------------|----------|
| | | No of Trees | (per hundred) | |
| 1 | 30 cm. below | 110 | 323 | 355.30 |
| | 31 cm. to 45 cm. | 39 | 500 | 195.00 |
| | 46 cm. to 60 cm. | 7 | 1276 | 89.32 |
| | 61 cm. to 75 cm. | 2 | 1913 | 38.26 |
| | 76 cm. to 90 cm. | 0 | 2546 | 0.00 |
| | 91 cm. to 105 cm. | 0 | 2916 | 0.00 |
| | 106 cm. to 120 cm. | 0 | 3616 | 0.00 |
| | 121 cm. to 150 cm. | 0 | 6796 | 0.00 |
| | 151cm. To 180 cm. | 0 | 7725 | 0.00 |
| | 181 cm. to 200 cm. | 0 | 10625 | 0.00 |
| | Total | 158 | 38236 | 677.88 |
| 2 | To Prepare Timber | | | |
| | A) Logging | 0 | 298 | 0.00 |
| 3 | A) Timber Measurement | 0 | 72 | 0.00 |
| | C) Numbering the Stools | 158 | 186 | 293.88 |
| 4 | A) To Prepare Fuel Wood | 6.813 | 98 | 667.67 |
| | B) Fuel Wood Dragging | 6.813 | 98 | 667.67 |
| 5 | Timber Dragging | 0 | 1500 | 0.00 |
| 6 | Making Shade | 1 Shade | 5000 | 5000.00 |
| 7 | Transports of Timber 30 Km. 72 Rs /km | 0 | 4050 | 0.00 |
| | Transports of Fuel Wood 26Km. 73Rs /km | 6.813 | 135*26 K.M. | 3510.00 |
| 8 | Depot Expenditure | | | |
| | A) Making Stakes of Timber | 0 | 562 | 0.00 |
| | B) Numbering by Nails | 0 | 186 | 0.00 |
| | C) Specieswise & Measurement wise Distribution of Fuel Wood | 6.813 | 98 | 667.67 |
| 9 | A) Timber Measurement | 0 | 173 | 0.00 |
| 10 | Draging Path | | Lumsump | 5000.00 |
| | Depot Watchman | 1 Watchman for 2 Months | 9665 Per Months | 19330.00 |
| | Making Tent Shade in Depot | | Lumsump | 5000.00 |
| | | | Total | 40814.78 |
| | Material Supply & Labour Welfare | | | 1224.44 |
| | | | Total | 42039.23 |
| | | | Say Rs.42039.00 | |

Total Income

| Particular | Quantity | Rate | Amount |
|---------------------|----------|----------------------|----------|
| Mangrove Timber | 0 | 0 | 0.00 |
| Mangroves Fuel Wood | 6.813 | 288 | 1962.14 |
| | | Total | 1962.14 |
| | | Say Rs. | 1962.14 |
| | | Expected Expenditure | 42039.23 |
| | | Gross Profit | 44001.37 |
| | | Say as Gross Profit | 44001 |

Deputy Conservator of Forest
Alibag

वनपरिमंडल अधिकारी
तिनवेरा

Range Forest Officer
Alibag (Protection)

वनपरिमंडल अधिकारी
कनकेश्वर

बी फॉर्म

वनपरिक्षेत्र :- अलिबाग वनपरिमंडळ :- तिनवीरा गाव :- शहाबाज गट नं.346

| अ.नं | जात | 15 ते 30 | 31 ते 45 | 46 ते 60 | 61 ते 75 | 76 ते 90 | 91 ते 105 | 106 ते 120 | 121 ते 135 | 136 ते 150 | 150 चे वरील | एकूण | 2.5 पट |
|------|-----------------|----------|----------|----------|----------|----------|-----------|------------|------------|------------|-------------|------|--------|
| 1 | तिवर | 27 | 12 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | |
| 2 | भेंगोव्हज व इतर | 14 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | |
| | एकूण | 41 | 12 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 60 | |

दिनांक :- 14/11/19

(Mangesh Kumar)
Deputy Conservator of Forests
Alibag

(Mangesh Kumar)
Range Forest Officer
Alibag (Protection)

(Mangesh Kumar)
वनपरिमंडळ अधिकारी
तिनवीरा

Tree List in English

B Form

| S.No. | Species | Forest Zone: Alibag | | Forest Circle: Tinveera | | Area Extent: Tinveera | | Village: Shahbaz | | Total | 2.5 times | |
|-------|-----------------------------------|---------------------|----------|-------------------------|----------|-----------------------|-----------|------------------|------------|-------|-----------|------------|
| | | 15 to 30 | 31 to 45 | 46 to 60 | 61 to 75 | 76 to 90 | 91 to 105 | 106 to 120 | 121 to 135 | | | 136 to 150 |
| 1 | Tivar- <i>Avicennia marina</i> | 27 | 12 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 45 | |
| 2 | Mangroves and other | 14 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | |
| | Total | 41 | 12 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 60 | |

Date: 14/11/19

(Mangesh Kumar)
Deputy Conservator of Forests
- Alibag

Sd/xxx
Forest Circle Officer
Tinveera

फॉर्म फॅक्टर

वनपरिक्षेत्र- अलिबाग वनपरिमंडळ- तिनवीरा नियतक्षेत्र- तिनवीरा गाव:- शहाबाज गट नं.346

| अ.नं | जल | 15 ते 30 | 31 ते 45 | 46 ते 60 | 61 ते 75 | 76 ते 90 | 91 ते 105 | 106 ते 120 | 121 ते 135 | 136 ते 150 | 150 चे वरील | एकूण | 2.5 PT किंटा | |
|------|----------------|----------|----------|----------|----------|----------|-----------|------------|------------|------------|-------------|-------|--------------|-------|
| 4 | वेढी | 27 | 12 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 2.590 | |
| | | 0.006 | 0.038 | 0.055 | 0.099 | 0.164 | 0 | 0 | 0 | 0 | 0 | 1.036 | | |
| | घ.मौ | 0.162 | 0.456 | 0.22 | 0.198 | 0 | 0 | 0 | 0 | 0 | 0 | 1.036 | | |
| | वेढी | 14 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | | |
| 7 | मंगोव्हज व इतर | 0.006 | 0.038 | 0.055 | 0.099 | 0.164 | 0 | 0 | 0 | 0 | 0 | 0.139 | 0.348 | |
| | | घ.मौ | 0.084 | 0 | 0.055 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.139 | |
| | | | | | | | | | | | | एकूण | 1.175 | 2.938 |

दिनांक : 14/11/19

(Mangesh Kumar)
Deputy Conservator of Forests
Alibag

वनपरिमंडळ अधिकारी
तिनवीरा

Rangesh Chavhan
Alibag (P. Forests)

| S.No. | Species | Forest Circle: Tinveera | | | | | Area Extent: Tinveera | | | | | Village: Shihbaz | | | Total | 2.5 times | | |
|-------|-----------------------------------|-------------------------|----------|----------|----------|----------|-----------------------|------------|------------|------------|---------------|------------------|-----------|-------|-------|-----------|--|--|
| | | 15 to 30 | 31 to 45 | 46 to 60 | 61 to 75 | 76 to 90 | 91 to 105 | 106 to 120 | 121 to 135 | 136 to 150 | 150 and above | Total | 2.5 times | | | | | |
| 1 | Tivar- <i>Avicennia marina</i> | Girth | 27 | 12 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | | |
| | | | 0.006 | 0.038 | 0.055 | 0.099 | 0.164 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| | | Cubic meter | 0.162 | 0.46 | 0.22 | 0.198 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.036 | | |
| 2 | Mangroves and other | Girth | 14 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | | |
| | | | 0.006 | 0.038 | 0.055 | 0.099 | 0.164 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| | | Cubic meter | 0.084 | 0 | 0.055 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.139 | | |
| Total | | | | | | | | | | | | | | 1.175 | 2.938 | | | |

Date: 14/11/19

(Mangesh Kumar)
Deputy Conservator of Forests
Alibag

(Sd/-)
Forest Circle Officer
Tinveera

बेरिंग जेट्टीचे बांधकाम करण्यासाठी व सिमेंट वाहतुक करण्यासाठी मौजे शहाबाज व शहापुर येथील वनजमिन वळतेकरण प्रस्ताव 0.6497 अंदाजी सिमेंटेशन लि.

वनपरिक्षेत्र- अलिबाग वनपरिमंडळ- तिनवीरा नियतक्षेत्र- तिनवीरा गाव:- शहाबाज गट नं.346

| अ.क्र. | गावाचे नांव | गट नं/ख.नं | झाड क्रमांक | झाडाची जात | वेदी सं.मी. | फों.कं. | अंदाजे उंची मीटर | किंमत |
|--------|-------------|------------|-------------|------------|-------------|---------|------------------|-------|
| 1 | शहाबाज | 346 | 1 | पाला | 0.19 | 0.006 | 1 | 17 |
| 2 | | | 2 | पाला | 0.23 | 0.006 | 1.5 | 17 |
| 3 | | | 3 | पाला | 0.26 | 0.006 | 1.5 | 17 |
| 4 | | | 4 | पाला | 0.27 | 0.006 | 3 | 17 |
| 5 | | | 5 | पाला | 0.13 | 0.006 | 2.5 | 17 |
| 6 | | | 6 | पाला | 0.15 | 0.006 | 3 | 17 |
| 7 | | | 7 | पाला | 0.12 | 0.006 | 2.5 | 17 |
| 8 | | | 8 | पाला | 0.17 | 0.006 | 3 | 17 |
| 9 | | | 9 | पाला | 0.18 | 0.006 | 2.5 | 17 |
| 10 | | | 10 | पाला | 0.19 | 0.006 | 3 | 17 |
| 11 | | | 11 | पाला | 0.15 | 0.006 | 3 | 17 |
| 12 | | | 12 | पाला | 0.18 | 0.006 | 3 | 17 |
| 13 | | | 13 | पाला | 0.13 | 0.006 | 3.5 | 17 |
| 14 | | | 14 | पाला | 0.21 | 0.006 | 3.5 | 17 |
| 15 | | | 15 | तिवर | 0.33 | 0.038 | 3.5 | 30 |
| 16 | | | 16 | तिवर | 0.35 | 0.038 | 4 | 30 |
| 17 | | | 17 | तिवर | 0.24 | 0.006 | 3 | 17 |
| 18 | | | 18 | तिवर | 0.21 | 0.006 | 2.5 | 17 |
| 19 | | | 19 | तिवर | 0.15 | 0.006 | 2 | 17 |
| 20 | | | 20 | तिवर | 0.11 | 0.006 | 1 | 17 |
| 21 | | | 21 | तिवर | 0.13 | 0.006 | 1.5 | 17 |
| 22 | | | 22 | तिवर | 0.12 | 0.006 | 1.5 | 17 |
| 23 | | | 23 | तिवर | 0.13 | 0.006 | 1.5 | 17 |
| 24 | | | 24 | तिवर | 0.11 | 0.006 | 1.5 | 17 |
| 25 | | | 25 | तिवर | 0.18 | 0.006 | 1.5 | 17 |
| | | | | | | 0.214 | | 451 |

Diversion of 0.64971 hectare forest land for proposed 'Berthing Jetty, Conveyer Corridor with Backup Facilities and Approach Road', Raigad Cement Bulk Terminal at Village Shaapur and Shahbaz by Adam Cementation Limited

Forest Zone: Alibag

Forest Circle: Imveera

Area Extent: Imveera

Village: Shahbaz

Plot no: 346

| S.N. | Village | Plot no./ Survey No. | Tree No. | Tree Species | Girth (cm) | F.F | Approx. Height (m) | Price |
|------|---------|----------------------|----------|---------------------------------|------------|-------|--------------------|-------|
| 1 | shahbaz | 346 | 1 | Pala- <i>Alstonia scholaris</i> | 0.19 | 0.006 | 1 | 17 |
| 2 | | | 2 | Pala- <i>Alstonia scholaris</i> | 0.23 | 0.006 | 1.5 | 17 |
| 3 | | | 3 | Pala- <i>Alstonia scholaris</i> | 0.26 | 0.006 | 1.5 | 17 |
| 4 | | | 4 | Pala- <i>Alstonia scholaris</i> | 0.27 | 0.006 | 3 | 17 |
| 5 | | | 5 | Pala- <i>Alstonia scholaris</i> | 0.13 | 0.006 | 2.5 | 17 |
| 6 | | | 6 | Pala- <i>Alstonia scholaris</i> | 0.15 | 0.006 | 3 | 17 |
| 7 | | | 7 | Pala- <i>Alstonia scholaris</i> | 0.12 | 0.006 | 2.5 | 17 |
| 8 | | | 8 | Pala- <i>Alstonia scholaris</i> | 0.17 | 0.006 | 3 | 17 |
| 9 | | | 9 | Pala- <i>Alstonia scholaris</i> | 0.18 | 0.006 | 2.5 | 17 |
| 10 | | | 10 | Pala- <i>Alstonia scholaris</i> | 0.19 | 0.006 | 3 | 17 |
| 11 | | | 11 | Pala- <i>Alstonia scholaris</i> | 0.15 | 0.006 | 3 | 17 |
| 12 | | | 12 | Pala- <i>Alstonia scholaris</i> | 0.18 | 0.006 | 3 | 17 |
| 13 | | | 13 | Pala- <i>Alstonia scholaris</i> | 0.13 | 0.006 | 3.5 | 17 |
| 14 | | | 14 | Pala- <i>Alstonia scholaris</i> | 0.21 | 0.006 | 3.5 | 17 |
| 15 | | | 15 | Tivar- <i>Avicennia marina</i> | 0.33 | 0.038 | 3.5 | 30 |
| 16 | | | 16 | Tivar- <i>Avicennia marina</i> | 0.35 | 0.038 | 4 | 30 |
| 17 | | | 17 | Tivar- <i>Avicennia marina</i> | 0.24 | 0.006 | 1 | 17 |
| 18 | | | 18 | Tivar- <i>Avicennia marina</i> | 0.21 | 0.006 | 2.5 | 17 |
| 19 | | | 19 | Tivar- <i>Avicennia marina</i> | 0.15 | 0.006 | 2 | 17 |
| 20 | | | 20 | Tivar- <i>Avicennia marina</i> | 0.11 | 0.006 | 1 | 17 |
| 21 | | | 21 | Tivar- <i>Avicennia marina</i> | 0.13 | 0.006 | 1.5 | 17 |
| 22 | | | 22 | Tivar- <i>Avicennia marina</i> | 0.13 | 0.006 | 1.5 | 17 |
| 23 | | | 23 | Tivar- <i>Avicennia marina</i> | 0.13 | 0.006 | 1.5 | 17 |
| 24 | | | 24 | Tivar- <i>Avicennia marina</i> | 0.11 | 0.006 | 1.5 | 17 |
| 25 | | | 25 | Tivar- <i>Avicennia marina</i> | 0.18 | 0.006 | 1.5 | 17 |
| | | | | | | 0.214 | | 451 |

| अ.क्र. | गावाचे नांव | गट नं./स.नं | साई क्रमांक | झाडाची जात | वेढी सें.मी. | फॉ.कं. | अदाजे उंची मीटर | किंमत |
|--------|-------------|-------------|-------------|------------|--------------|--------|-----------------|--------|
| 26 | शहाबाज | 346 | 26 | तिवर | 0.18 | 0.006 | 1.5 | 17 |
| 27 | | | 27 | तिवर | 0.15 | 0.006 | 1.5 | 17 |
| 28 | | | 28 | तिवर | 0.10 | 0.006 | 1.2 | 17 |
| 29 | | | 29 | तिवर | 0.10 | 0.006 | 1.5 | 17 |
| 30 | | | 30 | तिवर | 0.14 | 0.006 | 1.5 | 17 |
| 31 | | | 31 | तिवर | 0.17 | 0.006 | 1.5 | 17 |
| 32 | | | 32 | तिवर | 0.11 | 0.006 | 1.5 | 17 |
| 33 | | | 33 | तिवर | 0.08 | 0.006 | 1 | 17 |
| 34 | | | 34 | तिवर | 0.18 | 0.006 | 1.5 | 17 |
| 35 | | | 35 | तिवर | 0.08 | 0.006 | 1.5 | 17 |
| 36 | | | 36 | तिवर | 0.08 | 0.006 | 2 | 17 |
| 37 | | | 37 | तिवर | 0.08 | 0.006 | 2 | 17 |
| 38 | | | 38 | तिवर | 0.35 | 0.038 | 2.5 | 30 |
| 39 | | | 39 | तिवर | 0.28 | 0.006 | 3 | 17 |
| 40 | | | 40 | तिवर | 0.45 | 0.038 | 3 | 30 |
| 41 | | | 41 | तिवर | 0.23 | 0.006 | 3 | 17 |
| 42 | | | 42 | तिवर | 0.22 | 0.006 | 3 | 17 |
| 43 | | | 43 | पाला | 0.46 | 0.055 | 3 | 62 |
| 44 | | | 44 | तिवर | 0.27 | 0.006 | 3 | 17 |
| 45 | | | 45 | तिवर | 0.32 | 0.038 | 3 | 30 |
| | | | | | एकूण | 0.265 | | 424.00 |

| S.N. | Village | Tree No./ Survey No. | Tree No. | Tree Species | Girth (cm) | F.f | Approx. Height (m) | Price |
|------|---------|----------------------------|----------|---------------------------------|---------------|-------|-----------------------|--------|
| 26 | Shahbaz | 346 | 26 | Tivar- <i>Avicennia marina</i> | 0.18 | 0.006 | 1.5 | 17 |
| 27 | | | 27 | Tivar- <i>Avicennia marina</i> | 0.15 | 0.006 | 1.5 | 17 |
| 28 | | | 28 | Tivar- <i>Avicennia marina</i> | 0.10 | 0.006 | 1.2 | 17 |
| 29 | | | 29 | Tivar- <i>Avicennia marina</i> | 0.10 | 0.006 | 1.5 | 17 |
| 30 | | | 30 | Tivar- <i>Avicennia marina</i> | 0.14 | 0.006 | 1.5 | 17 |
| 31 | | | 31 | Tivar- <i>Avicennia marina</i> | 0.17 | 0.006 | 1.5 | 17 |
| 32 | | | 32 | Tivar- <i>Avicennia marina</i> | 0.11 | 0.006 | 1.5 | 17 |
| 33 | | | 33 | Tivar- <i>Avicennia marina</i> | 0.08 | 0.006 | 1 | 17 |
| 34 | | | 34 | Tivar- <i>Avicennia marina</i> | 0.18 | 0.006 | 1.5 | 17 |
| 35 | | | 35 | Tivar- <i>Avicennia marina</i> | 0.08 | 0.006 | 1.5 | 17 |
| 36 | | | 36 | Tivar- <i>Avicennia marina</i> | 0.08 | 0.006 | 2 | 17 |
| 37 | | | 37 | Tivar- <i>Avicennia marina</i> | 0.08 | 0.006 | 2 | 17 |
| 38 | | | 38 | Tivar- <i>Avicennia marina</i> | 0.35 | 0.038 | 2.5 | 30 |
| 39 | | | 39 | Tivar- <i>Avicennia marina</i> | 0.28 | 0.006 | 3 | 17 |
| 40 | | | 40 | Tivar- <i>Avicennia marina</i> | 0.45 | 0.038 | 3 | 30 |
| 41 | | | 41 | Tivar- <i>Avicennia marina</i> | 0.23 | 0.006 | 3 | 17 |
| 42 | | | 42 | Tivar- <i>Avicennia marina</i> | 0.22 | 0.006 | 3 | 17 |
| 43 | | | 43 | Pala- <i>Alstonia scholaris</i> | 0.46 | 0.055 | 3 | 62 |
| 44 | | | 44 | Tivar- <i>Avicennia marina</i> | 0.27 | 0.006 | 3 | 17 |
| 45 | | | 45 | Tivar- <i>Avicennia marina</i> | 0.32 | 0.038 | 3 | 30 |
| | | | | | | | | 424.00 |

89/84

| अ.क्र. | गावाचे नांव | गट नं/स.नं | झाड क्रमांक | झाडाची जात | वेडी से.मी. | फॉ.फॅ. | अंदाजे उंची मीटर | किंमत |
|--------|-------------|------------|-------------|------------|-------------|--------|------------------|---------|
| 46 | शहोबाज | 346 | 46 | तिवर | 0.51 | 0.055 | 3 | 62 |
| 47 | | | 47 | तिवर | 0.26 | 0.006 | 3 | 17 |
| 48 | | | 48 | तिवर | 0.32 | 0.038 | 3 | 30 |
| 49 | | | 49 | तिवर | 0.41 | 0.038 | 3 | 30 |
| 50 | | | 50 | तिवर | 0.25 | 0.006 | 2.5 | 17 |
| 51 | | | 51 | तिवर | 0.37 | 0.038 | 3 | 30 |
| 52 | | | 52 | तिवर | 0.35 | 0.038 | 3 | 30 |
| 53 | | | 53 | तिवर | 0.31 | 0.038 | 2.5 | 30 |
| 54 | | | 54 | तिवर | 0.60 | 0.055 | 4 | 62 |
| 55 | | | 55 | तिवर | 0.56 | 0.055 | 3.5 | 62 |
| 56 | | | 56 | तिवर | 0.55 | 0.055 | 4 | 62 |
| 57 | | | 57 | तिवर | 0.65 | 0.099 | 4 | 142 |
| 58 | | | 58 | तिवर | 0.75 | 0.099 | 5 | 142 |
| 59 | | | 59 | तिवर | 0.35 | 0.038 | 3 | 30 |
| 60 | | | 60 | तिवर | 0.42 | 0.038 | 3 | 30 |
| एकूण | | | | | एकूण | 0.696 | | 776.03 |
| | | | | | | 1.175 | | 1651.00 |

वनपरिष्कार अधिकारी
तिनवीरा


Range Forest Officer
Alibag (Protection)

90A

| S.N. | Village | Plot no./ Survey No. | Tree No. | Tree Species | Girth (cm) | F.F | Approx. Height (m) | Price |
|-------|---------|-------------------------|-------------|-------------------------|---------------|-------|--------------------------|---------|
| 46 | Shahbaz | 346 | 46 | Tivar- Avicennia marina | 0.51 | 0.055 | 3 | 62 |
| 47 | | | 47 | Tivar- Avicennia marina | 0.26 | 0.006 | 3 | 17 |
| 48 | | | 48 | Tivar- Avicennia marina | 0.32 | 0.038 | 3 | 30 |
| 49 | | | 49 | Tivar- Avicennia marina | 0.41 | 0.038 | 3 | 30 |
| 50 | | | 50 | Tivar- Avicennia marina | 0.25 | 0.006 | 2.5 | 17 |
| 51 | | | 51 | Tivar- Avicennia marina | 0.37 | 0.038 | 3 | 30 |
| 52 | | | 52 | Tivar- Avicennia marina | 0.35 | 0.038 | 3 | 30 |
| 53 | | | 53 | Tivar- Avicennia marina | 0.31 | 0.038 | 2.5 | 30 |
| 54 | | | 54 | Tivar- Avicennia marina | 0.60 | 0.055 | 4 | 62 |
| 55 | | | 55 | Tivar- Avicennia marina | 0.56 | 0.055 | 3.5 | 62 |
| 56 | | | 56 | Tivar- Avicennia marina | 0.55 | 0.055 | 4 | 62 |
| 57 | | | 57 | Tivar- Avicennia marina | 0.65 | 0.099 | 4 | 142 |
| 58 | | | 58 | Tivar- Avicennia marina | 0.75 | 0.099 | 5 | 142 |
| 59 | | | 59 | Tivar- Avicennia marina | 0.35 | 0.038 | 3 | 30 |
| 60 | | | 60 | Tivar- Avicennia marina | 0.42 | 0.038 | 3 | 30 |
| Total | | | | | Total | 0.696 | | 776.00 |
| | | | | | | 1.175 | | 1651.00 |


 Forest Circle Officer
 Tinveera

बॅंग जेट्टीचे बांधकाम करण्यासाठी व सिमेंट वाहतुक करण्यासाठी मौजे शहाबाज व शहापुर येथील वनजमिन वळतेकरण प्रस्ताव
0.6497 अदानी सिमेंटेशन लि.

वनपरिक्षेत्र- अलिबाग वनपरिमंडळ- तिनवीरा नियतक्षेत्र:- तिनवीरा गाव:- शहाबाज गट नं.346

| अ.क्र. | गावाचे नाव | गट नं/संनं | झाड क्रमांक | झाडाची जात | वेदी सं.मो. | फॉ.फॅ. | अंदाजे उंची मीटर | दर | किंमत | किटा माल घ.मो | दर | किंमत | एकूण किंमत |
|--------|------------|------------|-------------|------------|-------------|--------|------------------|----|-------|---------------|-----|--------|------------|
| 1 | शहाबाज | 346 | 1 | पाला | 0.19 | 0.006 | 1 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 2 | | | 2 | पाला | 0.23 | 0.006 | 1.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 3 | | | 3 | पाला | 0.26 | 0.006 | 1.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 4 | | | 4 | पाला | 0.27 | 0.006 | 3 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 5 | | | 5 | पाला | 0.13 | 0.006 | 2.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 6 | | | 6 | पाला | 0.15 | 0.006 | 3 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 7 | | | 7 | पाला | 0.12 | 0.006 | 2.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 8 | | | 8 | पाला | 0.17 | 0.006 | 3 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 9 | | | 9 | पाला | 0.18 | 0.006 | 2.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 10 | | | 10 | पाला | 0.19 | 0.006 | 3 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 11 | | | 11 | पाला | 0.15 | 0.006 | 3 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 12 | | | 12 | पाला | 0.18 | 0.006 | 3 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 13 | | | 13 | पाला | 0.13 | 0.006 | 3.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 14 | | | 14 | पाला | 0.21 | 0.006 | 3.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 15 | | | 15 | तिवर | 0.33 | 0.038 | 3.5 | 0 | 0.00 | 0.095 | 288 | 27.36 | 27.36 |
| 16 | | | 16 | तिवर | 0.35 | 0.038 | 4 | 0 | 0.00 | 0.095 | 288 | 27.36 | 27.36 |
| 17 | | | 17 | तिवर | 0.24 | 0.006 | 3 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 18 | | | 18 | तिवर | 0.21 | 0.006 | 2.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 19 | | | 19 | तिवर | 0.15 | 0.006 | 2 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 20 | | | 20 | तिवर | 0.11 | 0.006 | 1 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 21 | | | 21 | तिवर | 0.13 | 0.006 | 1.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 22 | | | 22 | तिवर | 0.12 | 0.006 | 1.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 23 | | | 23 | तिवर | 0.13 | 0.006 | 1.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 24 | | | 24 | तिवर | 0.11 | 0.006 | 1.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 25 | | | 25 | तिवर | 0.18 | 0.006 | 1.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| | | | | | | 0.214 | | | 0.00 | 0.535 | | 154.08 | 154.08 |

Conversion of 0.497 hectare forest land for proposed 'Berthing Jetty, Conveyor Corridor with Backup Facilities and Approach Road' on 'Tadga Cement Bulk Terminal' at Village S1 and Shahbaz by Adani Cementation Limited

| Forest Zone: Alibag | | | Forest Circle: Tinveera | | | Area Extent: Tinveera | | | Village: Shahbaz | | | Cut no: 346 | |
|---------------------|---------|---------------------|-------------------------|-------------------------|------------|-----------------------|--------------------|------|------------------|--------------------|------|-------------|-------------|
| S.N. | Village | Cut no / Survey No. | Tree No. | Tree Species | Girth (cm) | F.f | Approx. Height (m) | Rate | Price | Volume Cubic meter | Rate | Price | Total price |
| 1 | Shahbaz | 346 | 1 | Pala-Alstonia scholaris | 0.19 | 0.006 | 1 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 2 | | | 2 | Pala-Alstonia scholaris | 0.23 | 0.006 | 1.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 3 | | | 3 | Pala-Alstonia scholaris | 0.26 | 0.006 | 1.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 4 | | | 4 | Pala-Alstonia scholaris | 0.27 | 0.006 | 3 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 5 | | | 5 | Pala-Alstonia scholaris | 0.13 | 0.006 | 2.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 6 | | | 6 | Pala-Alstonia scholaris | 0.15 | 0.006 | 3 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 7 | | | 7 | Pala-Alstonia scholaris | 0.12 | 0.006 | 2.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 8 | | | 8 | Pala-Alstonia scholaris | 0.17 | 0.006 | 3 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 9 | | | 9 | Pala-Alstonia scholaris | 0.18 | 0.006 | 2.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 10 | | | 10 | Pala-Alstonia scholaris | 0.19 | 0.006 | 3 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 11 | | | 11 | Pala-Alstonia scholaris | 0.15 | 0.006 | 3 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 12 | | | 12 | Pala-Alstonia scholaris | 0.18 | 0.006 | 3 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 13 | | | 13 | Pala-Alstonia scholaris | 0.13 | 0.006 | 3.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 14 | | | 14 | Pala-Alstonia scholaris | 0.21 | 0.006 | 3.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 15 | | | 15 | Tivar-Avicennia marina | 0.33 | 0.038 | 3.5 | 0 | 0.00 | 0.095 | 288 | 27.36 | 27.36 |
| 16 | | | 16 | Tivar-Avicennia marina | 0.35 | 0.038 | 4 | 0 | 0.00 | 0.095 | 288 | 27.36 | 27.36 |
| 17 | | | 17 | Tivar-Avicennia marina | 0.24 | 0.006 | 3 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 18 | | | 18 | Tivar-Avicennia marina | 0.21 | 0.006 | 2.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 19 | | | 19 | Tivar-Avicennia marina | 0.15 | 0.006 | 2 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 20 | | | 20 | Tivar-Avicennia marina | 0.11 | 0.006 | 1 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 21 | | | 21 | Tivar-Avicennia marina | 0.13 | 0.006 | 1.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 22 | | | 22 | Tivar-Avicennia marina | 0.12 | 0.006 | 1.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 23 | | | 23 | Tivar-Avicennia marina | 0.15 | 0.006 | 1.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 24 | | | 24 | Tivar-Avicennia marina | 0.11 | 0.006 | 1.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 25 | | | 25 | Tivar-Avicennia marina | 0.18 | 0.006 | 1.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| | | | | | | 0.214 | | | 0.00 | 0.535 | | 154.08 | 154.08 |

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| अ.क्र. | गावाचे नाव | गट नं./स.नं | झाड क्रमांक | झाडाची जात | वेढी सें.मी. | फॉ.फं. | अंदाजे उंची मीटर | दर | किंमत | किंटा माल घ.मी | दर | किंमत | एकूण किंमत |
|--------|------------|-------------|-------------|------------|--------------|--------|------------------|----|-------|----------------|-----|--------|------------|
| 26 | शहाबाज | 346 | 26 | तिवर | 0.18 | 0.006 | 1.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 27 | | | 27 | तिवर | 0.15 | 0.006 | 1.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 28 | | | 28 | तिवर | 0.10 | 0.006 | 1.2 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 29 | | | 29 | तिवर | 0.10 | 0.006 | 1.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 30 | | | 30 | तिवर | 0.14 | 0.006 | 1.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 31 | | | 31 | तिवर | 0.17 | 0.006 | 1.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 32 | | | 32 | तिवर | 0.11 | 0.006 | 1.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 33 | | | 33 | तिवर | 0.08 | 0.006 | 1 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 34 | | | 34 | तिवर | 0.18 | 0.006 | 1.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 35 | | | 35 | तिवर | 0.08 | 0.006 | 1.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 36 | | | 36 | तिवर | 0.08 | 0.006 | 2 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 37 | | | 37 | तिवर | 0.08 | 0.006 | 2 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 38 | | | 38 | तिवर | 0.35 | 0.038 | 2.5 | 0 | 0.00 | 0.095 | 288 | 27.36 | 27.36 |
| 39 | | | 39 | तिवर | 0.28 | 0.006 | 3 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 40 | | | 40 | तिवर | 0.45 | 0.038 | 3 | 0 | 0.00 | 0.095 | 288 | 27.36 | 27.36 |
| 41 | | | 41 | तिवर | 0.23 | 0.006 | 3 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 42 | | | 42 | तिवर | 0.22 | 0.006 | 3 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 43 | | | 43 | पाला | 0.46 | 0.055 | 3 | 0 | 0.00 | 0.138 | 582 | 80.03 | 80.03 |
| 44 | | | 44 | तिवर | 0.27 | 0.006 | 3 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 45 | | | 45 | तिवर | 0.32 | 0.038 | 3 | 0 | 0.00 | 0.095 | 288 | 27.36 | 27.36 |
| | | | | | एकूण | 0.265 | | | 0.00 | 0.663 | | 231.23 | 231.23 |

| S.N. | Village | C no. of Survey No. | Tree No. | Tree Species | Girth (cm) | Rate | Approx. Height (m) | Price | Volume cubic meter | Rate | Price | Total price |
|------|---------|---------------------|----------|-------------------------|------------|-------|--------------------|-------|--------------------|------|-------|-------------|
| 26 | Shahbaz | 346 | 26 | Tivar- Avicennia marina | 0.18 | 0.006 | 1.5 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 27 | | | 27 | Tivar- Avicennia marina | 0.15 | 0.006 | 1.5 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 28 | | | 28 | Tivar- Avicennia marina | 0.10 | 0.006 | 1.2 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 29 | | | 29 | Tivar- Avicennia marina | 0.10 | 0.006 | 1.5 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 30 | | | 30 | Tivar- Avicennia marina | 0.14 | 0.006 | 1.5 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 31 | | | 31 | Tivar- Avicennia marina | 0.17 | 0.006 | 1.5 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 32 | | | 32 | Tivar- Avicennia marina | 0.11 | 0.006 | 1.5 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 33 | | | 33 | Tivar- Avicennia marina | 0.08 | 0.006 | 1 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 34 | | | 34 | Tivar- Avicennia marina | 0.18 | 0.006 | 1.5 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 35 | | | 35 | Tivar- Avicennia marina | 0.08 | 0.006 | 1.5 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 36 | | | 36 | Tivar- Avicennia marina | 0.08 | 0.006 | 2 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 37 | | | 37 | Tivar- Avicennia marina | 0.08 | 0.006 | 2 | 0.00 | 0.095 | 288 | 4.32 | 4.32 |
| 38 | | | 38 | Tivar- Avicennia marina | 0.35 | 0.038 | 2.5 | 0.00 | 0.015 | 288 | 27.3 | 27.3 |
| 39 | | | 39 | Tivar- Avicennia marina | 0.28 | 0.006 | 3 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 40 | | | 40 | Tivar- Avicennia marina | 0.45 | 0.038 | 3 | 0.00 | 0.095 | 288 | 27.3 | 27.3 |
| 41 | | | 41 | Tivar- Avicennia marina | 0.23 | 0.006 | 3 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 42 | | | 42 | Tivar- Avicennia marina | 0.22 | 0.006 | 3 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 43 | | | 43 | Pala- Antonia scholaris | 0.46 | 0.055 | 3 | 0.00 | 0.138 | 582 | 80.0 | 80.0 |
| 44 | | | 44 | Tivar- Avicennia marina | 0.27 | 0.006 | 3 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 45 | | | 45 | Tivar- Avicennia marina | 0.32 | 0.038 | 3 | 0.00 | 0.095 | 288 | 27.3 | 27.3 |
| | | | | | | | | 0.00 | 0.663 | | 231. | 231. |
| | | | | | | | | | | | 23 | 23 |

9.2

| अ.क्र. | गावाचे नांव | गट नं./स.नं | झाड क्रमांक | झाडाची जात | वेडी से.मौ. | फॉ.फं. | अंदाजे उंची मीटर | दर | किंमत | किटा माल घ.मौ | दर | किंमत | एकूण किंमत |
|--------|-------------|-------------|-------------|------------|-------------|--------|------------------|----|-------|---------------|-----|---------|------------|
| 46 | शहाबाज | 346 | 46 | तिवर | 0.51 | 0.055 | 3 | 0 | 0.00 | 0.138 | 288 | 39.6 | 39.60 |
| 47 | | | 47 | तिवर | 0.26 | 0.006 | 3 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 48 | | | 48 | तिवर | 0.32 | 0.038 | 3 | 0 | 0.00 | 0.095 | 288 | 27.36 | 27.36 |
| 49 | | | 49 | तिवर | 0.41 | 0.038 | 3 | 0 | 0.00 | 0.095 | 288 | 27.36 | 27.36 |
| 50 | | | 50 | तिवर | 0.25 | 0.006 | 2.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 51 | | | 51 | तिवर | 0.37 | 0.038 | 3 | 0 | 0.00 | 0.095 | 288 | 27.36 | 27.36 |
| 52 | | | 52 | तिवर | 0.35 | 0.038 | 3 | 0 | 0.00 | 0.095 | 288 | 27.36 | 27.36 |
| 53 | | | 53 | तिवर | 0.31 | 0.038 | 2.5 | 0 | 0.00 | 0.095 | 288 | 27.36 | 27.36 |
| 54 | | | 54 | तिवर | 0.60 | 0.055 | 4 | 0 | 0.00 | 0.138 | 582 | 80.03 | 80.03 |
| 55 | | | 55 | तिवर | 0.56 | 0.055 | 3.5 | 0 | 0.00 | 0.138 | 582 | 80.03 | 80.03 |
| 56 | | | 56 | तिवर | 0.55 | 0.055 | 4 | 0 | 0.00 | 0.138 | 582 | 80.03 | 80.03 |
| 57 | | | 57 | तिवर | 0.65 | 0.099 | 4 | 0 | 0.00 | 0.248 | 582 | 144.05 | 144.05 |
| 58 | | | 58 | तिवर | 0.75 | 0.099 | 5 | 0 | 0.00 | 0.248 | 582 | 144.05 | 144.05 |
| 59 | | | 59 | तिवर | 0.35 | 0.038 | 3 | 0 | 0.00 | 0.095 | 288 | 27.36 | 27.36 |
| 60 | | | 60 | तिवर | 0.42 | 0.038 | 3 | 0 | 0.00 | 0.095 | 288 | 27.36 | 27.36 |
| | | | | एकूण | | 0.696 | | | 0.00 | 1.740 | | 767.93 | 767.93 |
| | | | | एकूण | | 1.175 | | | 0.00 | 2.938 | | 1153.23 | 1153.23 |

वनपरिमंडळ अधिकारी
तिनवीरा

Range Forest Officer
Aikdag (Protection)

| S.N. | Village | Gut no./ Survey No. | Tree No. | Tree Species | Girth (cm) | F.T | Approx. Height (m) | Rate | Price | Volume cubic meter | Rate | Price | Total price |
|-------|---------|---------------------|----------|--------------------------------|------------|-------|--------------------|------|-------|--------------------|------|---------|-------------|
| 46 | Shahbaz | 346 | 46 | Tivar- <i>Avicennia marina</i> | 0.51 | 0.055 | 3 | 0 | 0.00 | 0.138 | 288 | 39.6 | 39.6 |
| 47 | | | 47 | Tivar- <i>Avicennia marina</i> | 0.26 | 0.006 | 3 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 48 | | | 48 | Tivar- <i>Avicennia marina</i> | 0.32 | 0.038 | 3 | 0 | 0.00 | 0.095 | 288 | 27.36 | 27.36 |
| 49 | | | 49 | Tivar- <i>Avicennia marina</i> | 0.41 | 0.038 | 3 | 0 | 0.00 | 0.095 | 288 | 27.32 | 27.32 |
| 50 | | | 50 | Tivar- <i>Avicennia marina</i> | 0.25 | 0.006 | 2.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 51 | | | 51 | Tivar- <i>Avicennia marina</i> | 0.37 | 0.038 | 3 | 0 | 0.00 | 0.095 | 288 | 27.36 | 27.36 |
| 52 | | | 52 | Tivar- <i>Avicennia marina</i> | 0.35 | 0.038 | 3 | 0 | 0.00 | 0.095 | 288 | 27.36 | 27.36 |
| 53 | | | 53 | Tivar- <i>Avicennia marina</i> | 0.31 | 0.038 | 2.5 | 0 | 0.00 | 0.095 | 288 | 27.36 | 27.36 |
| 54 | | | 54 | Tivar- <i>Avicennia marina</i> | 0.60 | 0.055 | 4 | 0 | 0.00 | 0.138 | 582 | 80.03 | 80.03 |
| 55 | | | 55 | Tivar- <i>Avicennia marina</i> | 0.56 | 0.055 | 3.5 | 0 | 0.00 | 0.138 | 582 | 80.03 | 80.03 |
| 56 | | | 56 | Tivar- <i>Avicennia marina</i> | 0.55 | 0.055 | 4 | 0 | 0.00 | 0.138 | 582 | 80.03 | 80.03 |
| 57 | | | 57 | Tivar- <i>Avicennia marina</i> | 0.65 | 0.099 | 4 | 0 | 0.00 | 0.248 | 582 | 144.05 | 144.05 |
| 58 | | | 58 | Tivar- <i>Avicennia marina</i> | 0.75 | 0.099 | 5 | 0 | 0.00 | 0.248 | 582 | 144.05 | 144.05 |
| 59 | | | 59 | Tivar- <i>Avicennia marina</i> | 0.35 | 0.038 | 3 | 0 | 0.00 | 0.095 | 288 | 27.36 | 27.36 |
| 60 | | | 60 | Tivar- <i>Avicennia marina</i> | 0.42 | 0.038 | 3 | 0 | 0.00 | 0.095 | 288 | 27.36 | 27.36 |
| Total | 1.175 | | | | Total | 0.696 | | 0 | 0.00 | 1.740 | | 767.93 | 767.93 |
| | | | | | | | | | | 2.938 | | 1153.23 | 1153.23 |


 Forest Circle Officer
 Tinvvera

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| S.N | Village | Gui no. Survey No. | Tree Species | Girth (cm) | Height (m) | Rate | Price | Volume cubic meter | Rate | Price | Total Price |
|-------|---------|--------------------|--------------------------------|------------|------------|------|-------|--------------------|------|--------|-------------|
| | Shahpur | 600 and 602 | Mangroves | 0.37 | 0.038 | 0 | 0.00 | 0.095 | 288 | 27.36 | 27.36 |
| 77 | | 137 | Mangroves | 0.25 | 0.006 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 78 | | 138 | Mangroves | 0.42 | 0.038 | 0 | 0.00 | 0.095 | 288 | 27.36 | 27.36 |
| 79 | | 139 | Tivar- <i>Avicennia marina</i> | 0.45 | 0.038 | 0 | 0.00 | 0.095 | 288 | 27.36 | 27.36 |
| 80 | | 140 | Tivar- <i>Avicennia marina</i> | 0.38 | 0.038 | 0 | 0.00 | 0.095 | 288 | 27.36 | 27.36 |
| 81 | | 141 | Tivar- <i>Avicennia marina</i> | 0.42 | 0.038 | 0 | 0.00 | 0.095 | 288 | 27.36 | 27.36 |
| 82 | | 142 | Tivar- <i>Avicennia marina</i> | 0.39 | 0.038 | 0 | 0.00 | 0.095 | 288 | 27.36 | 27.36 |
| 83 | | 143 | Tivar- <i>Avicennia marina</i> | 0.27 | 0.006 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 84 | | 144 | Mangroves | 0.32 | 0.038 | 0 | 0.00 | 0.095 | 288 | 27.36 | 27.36 |
| 85 | | 145 | Mangroves | 0.29 | 0.006 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 86 | | 146 | Mangroves | 0.43 | 0.038 | 0 | 0.00 | 0.095 | 288 | 27.36 | 27.36 |
| 87 | | 147 | Tivar- <i>Avicennia marina</i> | 0.47 | 0.055 | 0 | 0.00 | 0.138 | 582 | 80.03 | 80.03 |
| 88 | | 148 | Tivar- <i>Avicennia marina</i> | 0.38 | 0.038 | 0 | 0.00 | 0.095 | 288 | 27.36 | 27.36 |
| 89 | | 149 | Tivar- <i>Avicennia marina</i> | 0.40 | 0.038 | 0 | 0.00 | 0.095 | 288 | 27.36 | 27.36 |
| 90 | | 150 | Tivar- <i>Avicennia marina</i> | 0.17 | 0.038 | 0 | 0.00 | 0.095 | 288 | 27.36 | 27.36 |
| 91 | | 151 | Tivar- <i>Avicennia marina</i> | 0.38 | 0.038 | 0 | 0.00 | 0.095 | 288 | 27.36 | 27.36 |
| 92 | | 152 | Tivar- <i>Avicennia marina</i> | 0.47 | 0.055 | 0 | 0.00 | 0.138 | 288 | 27.36 | 27.36 |
| 93 | | 153 | Tivar- <i>Avicennia marina</i> | 0.42 | 0.038 | 0 | 0.00 | 0.095 | 288 | 27.36 | 27.36 |
| 94 | | 154 | Tivar- <i>Avicennia marina</i> | 0.28 | 0.006 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 95 | | 155 | Mangroves | 0.32 | 0.038 | 0 | 0.00 | 0.095 | 288 | 27.36 | 27.36 |
| 96 | | 156 | Mangroves | 0.38 | 0.038 | 0 | 0.00 | 0.095 | 288 | 27.36 | 27.36 |
| 97 | | 157 | Mangroves | 0.42 | 0.038 | 0 | 0.00 | 0.095 | 288 | 27.36 | 27.36 |
| 98 | | 158 | Tivar- <i>Avicennia marina</i> | 0.42 | 0.038 | 0 | 0.00 | 0.095 | 288 | 27.36 | 27.36 |
| | | | Total | | 0.742 | | 0.00 | 1.855 | | 615.09 | 615.09 |
| Total | | | | | 1.550 | | 0.00 | | | 1201.0 | 1201.0 |
| | | | | | | | | | 4 | | 4 |


 Forest Officer
 Kankeshwar

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बी फॉर्म

वनपरिक्षेत्र- अलिबाग वनपरिमंडळ- कनकेश्वर गाव:- शहापूर स. नं. 600 व 602
नियतक्षेत्र:- चिंचवली

| अ.नं | जात | 15 ते 30 | 31 ते 45 | 46 ते 60 | 61 ते 75 | 76 ते 90 | 91 ते 105 | 106 ते 120 | 121 ते 135 | 136 ते 150 | 150 चे वरील | एकूण | 2.5 पट |
|------|------------------|----------|----------|----------|----------|----------|-----------|------------|------------|------------|-------------|------|--------|
| 1 | तिबर | 32 | 23 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 57 | |
| 2 | मॅग्नोक्वज व इतर | 37 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | |
| | एकूण | 69 | 27 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 98 | |

दिनांक :- 14/11/19

(Mangesh Kumar)
Deputy Conservator of Forests
Alibag


Range Forest Officer
Alibag (Protection)


Deputy Conservator of Forests
कनकेश्वर

B Form

| S.No. | Species | Forest Zone: Alibag | | | | Forest Circle: Kankeshwar | | | | Area Extent: chinchwali | | | | Village: Shahpur (Plot no 600 and 602) | | | |
|-------|-----------------------------------|---------------------|----------|----------|----------|---------------------------|-----------|------------|------------|-------------------------|---------------|-------|-----------|--|----|--|--|
| | | 15 to 30 | 31 to 45 | 46 to 60 | 61 to 75 | 76 to 90 | 91 to 105 | 106 to 120 | 121 to 135 | 136 to 150 | 150 and above | Total | 2.5 times | | | | |
| 1 | Tivar- <i>Avicennia marina</i> | 32 | 23 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 57 | | |
| 2 | Mangroves and other | 37 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | | |
| | Total | 69 | 27 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 98 | | | |

Date: 14/11/19

(*Mamlesh Karim*)
Deputy Conservator of Forests
Alibag

(*Sch/2019*)
Forest Circle Officer
Kankeshwar

12/1/19

फॉर्म फॅक्टर

वनपरिक्षेत्र- अलिबाग वनपरिमंडळ- कनकेश्वर नियतक्षेत्र- चिंचवली गाव:- शहापूर स.नं.600 व 602

| अ.नं | जात | 15 ते 30 | 31 ते 45 | 46 ते 60 | 61 ते 75 | 76 ते 90 | 91 ते 105 | 106 ते 120 | 121 ते 135 | 136 ते 150 | 151 ते 175 | एकूण | 2.5 घट किटा |
|------|---------------|----------|----------|----------|----------|----------|-----------|------------|------------|------------|------------|-------|-------------|
| 4 | वेढी | 32 | 23 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 57 | |
| | तिवर | 0.006 | 0.038 | 0.055 | 0.099 | 0.164 | 0 | 0 | 0 | 0 | 0 | | 2.94 |
| | घ.मी | 0.192 | 0.874 | 0.11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.175 | |
| 4 | वेढी | 37 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | |
| | मॅगोवृज व इतर | 0.006 | 0.038 | 0.055 | 0.099 | 0.164 | 0 | 0 | 0 | 0 | 0 | | 0.935 |
| | घ.मी | 0.222 | 0.152 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.374 | |
| | | | | | | | | | | | एकूण | 1.550 | 3.875 |

दिनांक :- 14/10/19


वनपरिमंडळ अधिकारी
कनकेश्वर


Range Forest Officer
Alibag (Protection)


Deputy Conservator of Forests
Alibag

Forest Zone: Alibag

Forest Circle: Kankeshwar

Area: Forest, Chitrawadi

Village: Shajapur (cut no. 988 and 692)

| S.No. | Species | Girth | | | | | | | | | | | | Total | Total by trees | | | |
|-------|--------------------------------------|----------------|-------------|-------------|-------------|-------------|--------------|---------------|---------------|---------------|---------------------|-------|-------|-------|----------------------|-------|-------|--|
| | | 15 to 30 | 31 to 45 | 46 to 60 | 61 to 75 | 76 to 90 | 91 to 105 | 106 to 120 | 121 to 135 | 136 to 150 | 150 and above | Total | | | | | | |
| 1 | Hvar- <i>Avicennia marina</i> | Girth | 32 | 23 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 194 | |
| | | | 0.006 | 0.058 | 0.055 | 0.099 | 0.164 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | | Cubic meter | 0.192 | 0.874 | 0.11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.176 | |
| 2 | Mangroves and other | Girth | 37 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 0.935 | |
| | | | 0.006 | 0.038 | 0.055 | 0.099 | 0.164 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | | Cubic meter | 0.222 | 0.152 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.274 | | |
| | | | | | | | | | | | | Total | 1.550 | 3.875 | | | | |

Date: 14/11/19

Mangesh Karmad
Deputy Conservator of Forests
Alibag

Sally
Forest Circle Officer
Kankeshwar

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बेरिंग जेट्टीचे बांधकाम करण्यासाठी व सिमेंट वाहतुक करण्यासाठी मौजे शहाबाज व शहापूर येथील वनजमिन वळतेकरण प्रस्ताव 0.6497 अदानी सिमेंटेशन लि.

वनपरिक्षेत्र-अलिबाग वनपरिमंडळ-कनकेश्वर नियतक्षेत्र:- चिंचवली गाव:- शहापूर स. नं. 600 व 602

| अ.क्र. | गावाचे नाव | गट नं/सर्न | झाड क्रमांक | झाडाची जात | वेढी सं.मी. | फॉ.फॅ. | अंदाजे उंची मीटर | दर | किंमत | किटा माल घ.मी | दर | किंमत | एकूण किंमत |
|--------|------------|------------|-------------|------------|-------------|--------|------------------|----|-------|---------------|-----|-------|------------|
| 1 | शहापूर | 600 व 602 | 61 | मॅग्नोल्जा | 0.17 | 0.006 | 3 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 2 | | | 62 | तिबर | 0.22 | 0.006 | 2.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 3 | | | 63 | तिबर | 0.20 | 0.006 | 2.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 4 | | | 64 | मॅग्नोल्जा | 0.17 | 0.006 | 3 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 5 | | | 65 | मॅग्नोल्जा | 0.25 | 0.006 | 3 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 6 | | | 66 | मॅग्नोल्जा | 0.18 | 0.006 | 2 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 7 | | | 67 | मॅग्नोल्जा | 0.15 | 0.006 | 2 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 8 | | | 68 | तिबर | 0.14 | 0.006 | 2 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 9 | | | 69 | तिबर | 0.18 | 0.006 | 2 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 10 | | | 70 | मॅग्नोल्जा | 0.13 | 0.006 | 1.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 11 | | | 71 | तिबर | 0.08 | 0.006 | 1.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 12 | | | 72 | तिबर | 0.10 | 0.006 | 1.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 13 | | | 73 | तिबर | 0.14 | 0.006 | 2 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 14 | | | 74 | तिबर | 0.09 | 0.006 | 1.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 15 | | | 75 | तिबर | 0.12 | 0.006 | 1.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 16 | | | 76 | तिबर | 0.12 | 0.006 | 1.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 17 | | | 77 | तिबर | 0.18 | 0.006 | 3 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 18 | | | 78 | तिबर | 0.18 | 0.006 | 3 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 19 | | | 79 | तिबर | 0.08 | 0.006 | 1.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 20 | | | 80 | मॅग्नोल्जा | 0.14 | 0.006 | 2.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 21 | | | 81 | मॅग्नोल्जा | 0.19 | 0.006 | 2.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 22 | | | 82 | मॅग्नोल्जा | 0.18 | 0.006 | 2.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 23 | | | 83 | मॅग्नोल्जा | 0.20 | 0.006 | 2.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 24 | | | 84 | मॅग्नोल्जा | 0.08 | 0.006 | 1.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 25 | | | 85 | तिबर | 0.22 | 0.006 | 3 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| | | | | | | 0.150 | | | 0.00 | 0.375 | | 108 | 108.00 |

| S.N. | Village | Out no. Survey No. | Tree No. | Tree Species | Girth h (cm) | F-I | Approx. Height (m) | Rate | Price | Volume cubic meter | Rate | Price | Total price |
|------|----------|--------------------|----------|--------------------------------|--------------|-------|--------------------|------|-------|--------------------|------|-------|-------------|
| 1 | shahapur | 600 and 602 | 61 | Mangroves | 0.17 | 0.006 | 3 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 2 | | | 62 | Tivar- <i>Avicennia marina</i> | 0.22 | 0.006 | 2.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 3 | | | 63 | Tivar- <i>Avicennia marina</i> | 0.20 | 0.006 | 2.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 4 | | | 64 | Mangroves | 0.17 | 0.006 | 3 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 5 | | | 65 | Mangroves | 0.25 | 0.006 | 3 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 6 | | | 66 | Mangroves | 0.18 | 0.006 | 2 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 7 | | | 67 | Mangroves | 0.15 | 0.006 | 2 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 8 | | | 68 | Mangroves | 0.14 | 0.006 | 2 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 9 | | | 69 | Tivar- <i>Avicennia marina</i> | 0.18 | 0.006 | 2 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 10 | | | 70 | Tivar- <i>Avicennia marina</i> | 0.13 | 0.006 | 1.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 11 | | | 71 | Mangroves | 0.08 | 0.006 | 1.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 12 | | | 72 | Tivar- <i>Avicennia marina</i> | 0.10 | 0.006 | 1.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 13 | | | 73 | Tivar- <i>Avicennia marina</i> | 0.14 | 0.006 | 2 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 14 | | | 74 | Tivar- <i>Avicennia marina</i> | 0.09 | 0.006 | 1.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 15 | | | 75 | Tivar- <i>Avicennia marina</i> | 0.12 | 0.006 | 1.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 16 | | | 76 | Tivar- <i>Avicennia marina</i> | 0.12 | 0.006 | 1.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 17 | | | 77 | Tivar- <i>Avicennia marina</i> | 0.18 | 0.006 | 3 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 18 | | | 78 | Tivar- <i>Avicennia marina</i> | 0.18 | 0.006 | 3 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 19 | | | 79 | Tivar- <i>Avicennia marina</i> | 0.08 | 0.006 | 1.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 20 | | | 80 | Mangroves | 0.14 | 0.006 | 2.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 21 | | | 81 | Mangroves | 0.19 | 0.006 | 2.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 22 | | | 82 | Mangroves | 0.18 | 0.006 | 2.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 23 | | | 83 | Mangroves | 0.20 | 0.006 | 2.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 24 | | | 84 | Mangroves | 0.08 | 0.006 | 1.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 25 | | | 85 | Tivar- <i>Avicennia marina</i> | 0.22 | 0.006 | 3 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| | | | | | | 0.150 | | | 0.00 | 0.375 | | 108 | 108.00 |
| | | | | | | | | | | | | | 0 |

06/11

| अ.क्र. | गावाचे नांव | गट नं./स.नं | झाड क्रमांक | झाडाची जात | वेढी सें.मी. | फॉ.फॅ. | अंदाजे उंची मीटर | दर | किंमत | किटा माल घ.मी | दर | किंमत | एकूण किंमत |
|--------|-------------|-------------|-------------|------------|--------------|--------|------------------|----|-------|---------------|-----|--------|------------|
| 26 | शहापूर | 600 व 602 | 86 | मॅग्नोल्जा | 0.14 | 0.006 | 2 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 27 | | | 27 | मॅग्नोल्जा | 0.11 | 0.006 | 1.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 28 | | | 28 | मॅग्नोल्जा | 0.07 | 0.006 | 1 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 29 | | | 29 | मॅग्नोल्जा | 0.12 | 0.006 | 1.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 30 | | | 90 | तिबर | 0.18 | 0.006 | 2.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 31 | | | 91 | तिबर | 0.42 | 0.038 | 3.5 | 0 | 0.00 | 0.095 | 288 | 27.36 | 27.36 |
| 32 | | | 92 | तिबर | 0.15 | 0.006 | 2 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 33 | | | 93 | तिबर | 0.11 | 0.006 | 1.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 34 | | | 94 | मॅग्नोल्जा | 0.16 | 0.006 | 2 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 35 | | | 95 | मॅग्नोल्जा | 0.22 | 0.006 | 2.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 36 | | | 96 | मॅग्नोल्जा | 0.13 | 0.006 | 1.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 37 | | | 97 | मॅग्नोल्जा | 0.10 | 0.006 | 1.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 38 | | | 98 | मॅग्नोल्जा | 0.13 | 0.006 | 1.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 39 | | | 99 | मॅग्नोल्जा | 0.17 | 0.006 | 2 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 40 | | | 100 | मॅग्नोल्जा | 0.07 | 0.006 | 1 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 41 | | | 101 | मॅग्नोल्जा | 0.09 | 0.006 | 1 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 42 | | | 102 | मॅग्नोल्जा | 0.14 | 0.006 | 1.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 43 | | | 103 | मॅग्नोल्जा | 0.09 | 0.006 | 1 | 0 | 0.00 | 0.015 | 582 | 8.73 | 8.73 |
| 44 | | | 104 | मॅग्नोल्जा | 0.10 | 0.006 | 1 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 45 | | | 105 | तिबर | 0.12 | 0.006 | 1 | 0 | 0.00 | 0.015 | 283 | 4.25 | 4.25 |
| 46 | | | 106 | तिबर | 0.15 | 0.006 | 1.5 | 0 | 0.00 | 0.015 | 284 | 4.26 | 4.26 |
| 47 | | | 107 | तिबर | 0.15 | 0.006 | 1.5 | 0 | 0.00 | 0.015 | 285 | 4.28 | 4.28 |
| 48 | | | 108 | तिबर | 0.17 | 0.006 | 2 | 0 | 0.00 | 0.015 | 286 | 4.29 | 4.29 |
| 49 | | | 109 | तिबर | 0.18 | 0.006 | 2 | 0 | 0.00 | 0.015 | 287 | 4.31 | 4.31 |
| 50 | | | 110 | तिबर | 0.25 | 0.006 | 3 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| | | | | | एकूण | 0.182 | | | 0.00 | 0.455 | | 135.23 | 135.23 |

| अ.क्र. | गावाचे नाव | गट नं/स.नं | झाड क्रमांक | झाडाची जात | वेडी सॅ.मी. | फॉ.कं. | अंदाजे उंची मीटर | दर | किंमत | किटा माल घ.मी | दर | किंमत | एकूण किंमत |
|--------|------------|------------|-------------|------------|-------------|--------|------------------|----|-------|---------------|-----|--------|------------|
| 51 | शहापूर | 600 व 602 | 111 | तिबर | 0.18 | 0.006 | 2.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 52 | | | 112 | मंगोव्हज | 0.15 | 0.006 | 1.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 53 | | | 113 | मंगोव्हज | 0.18 | 0.006 | 2 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 54 | | | 114 | तिबर | 0.08 | 0.006 | 1 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 55 | | | 115 | तिबर | 0.12 | 0.006 | 1.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 56 | | | 116 | तिबर | 0.17 | 0.006 | 2 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 57 | | | 117 | तिबर | 0.18 | 0.006 | 2.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 58 | | | 118 | मंगोव्हज | 0.20 | 0.006 | 2.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 59 | | | 119 | मंगोव्हज | 0.18 | 0.006 | 2 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 60 | | | 120 | तिबर | 0.20 | 0.006 | 2.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 61 | | | 121 | तिबर | 0.18 | 0.006 | 2 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 62 | | | 122 | तिबर | 0.20 | 0.006 | 2 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 63 | | | 123 | तिबर | 0.38 | 0.038 | 3.5 | 0 | 0.00 | 0.095 | 288 | 27.36 | 27.36 |
| 64 | | | 124 | तिबर | 0.40 | 0.038 | 4 | 0 | 0.00 | 0.095 | 288 | 27.36 | 27.36 |
| 65 | | | 125 | तिबर | 0.28 | 0.006 | 3 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 66 | | | 126 | तिबर | 0.32 | 0.038 | 3.5 | 0 | 0.00 | 0.095 | 288 | 27.36 | 27.36 |
| 67 | | | 127 | तिबर | 0.38 | 0.038 | 3.5 | 0 | 0.00 | 0.095 | 288 | 27.36 | 27.36 |
| 68 | | | 128 | मंगोव्हज | 0.25 | 0.006 | 3 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 69 | | | 129 | मंगोव्हज | 0.27 | 0.006 | 3 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 70 | | | 130 | मंगोव्हज | 0.28 | 0.006 | 3.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 71 | | | 131 | तिबर | 0.32 | 0.038 | 3.5 | 0 | 0.00 | 0.095 | 288 | 27.36 | 27.36 |
| 72 | | | 132 | तिबर | 0.38 | 0.038 | 4 | 0 | 0.00 | 0.095 | 288 | 27.36 | 27.36 |
| 73 | | | 133 | तिबर | 0.35 | 0.038 | 3.5 | 0 | 0.00 | 0.095 | 288 | 27.36 | 27.36 |
| 74 | | | 134 | तिबर | 0.38 | 0.038 | 4 | 0 | 0.00 | 0.095 | 288 | 27.36 | 27.36 |
| 75 | | | 135 | तिबर | 0.40 | 0.038 | 4 | 0 | 0.00 | 0.095 | 288 | 27.36 | 27.36 |
| 76 | | | 136 | तिबर | 0.33 | 0.038 | 3.5 | 0 | 0.00 | 0.095 | 288 | 27.36 | 27.36 |
| | | | | | एकूण | 0.476 | | | 0.00 | 1.190 | | 342.72 | 342.72 |

| S.N. | Village | Cut no./ Survey No. | Tree No. | Tree Species | Girth h (cm) | F.F | Approx. Height (m) | Rate | Price | Volume cubic meter | Rate | Price | Total price |
|------|---------|------------------------|-------------|--------------------------------|--------------------|-------|--------------------------|------|-------|--------------------------|------|--------|----------------|
| 51 | Shahpur | 600 and 602 | 111 | Tivar- <i>Avicennia marina</i> | 0.18 | 0.006 | 2.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 52 | | | 112 | Mangroves | 0.15 | 0.006 | 1.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 53 | | | 113 | Mangroves | 0.18 | 0.006 | 2 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 54 | | | 114 | Tivar- <i>Avicennia marina</i> | 0.08 | 0.006 | 1 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 55 | | | 115 | Tivar- <i>Avicennia marina</i> | 0.12 | 0.006 | 1.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 56 | | | 116 | Tivar- <i>Avicennia marina</i> | 0.17 | 0.006 | 2 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 57 | | | 117 | Tivar- <i>Avicennia marina</i> | 0.18 | 0.006 | 2.5 | 0 | 0.00 | 0.015 | 288 | 27.36 | 27.36 |
| 58 | | | 118 | Mangroves | 0.20 | 0.006 | 2.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 59 | | | 119 | Mangroves | 0.18 | 0.006 | 2 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 60 | | | 120 | Tivar- <i>Avicennia marina</i> | 0.20 | 0.006 | 2.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 61 | | | 121 | Tivar- <i>Avicennia marina</i> | 0.18 | 0.006 | 2 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 62 | | | 122 | Tivar- <i>Avicennia marina</i> | 0.20 | 0.006 | 2 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 63 | | | 123 | Tivar- <i>Avicennia marina</i> | 0.38 | 0.038 | 3.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 64 | | | 124 | Tivar- <i>Avicennia marina</i> | 0.40 | 0.038 | 4 | 0 | 0.00 | 0.095 | 288 | 27.36 | 27.36 |
| 65 | | | 125 | Tivar- <i>Avicennia marina</i> | 0.28 | 0.006 | 3 | 0 | 0.00 | 0.015 | 288 | 27.36 | 27.36 |
| 66 | | | 126 | Tivar- <i>Avicennia marina</i> | 0.32 | 0.038 | 3.5 | 0 | 0.00 | 0.095 | 288 | 4.32 | 4.32 |
| 67 | | | 127 | Tivar- <i>Avicennia marina</i> | 0.38 | 0.038 | 3.5 | 0 | 0.00 | 0.095 | 288 | 27.36 | 27.36 |
| 68 | | | 128 | Mangroves | 0.25 | 0.006 | 3 | 0 | 0.00 | 0.015 | 288 | 27.36 | 27.36 |
| 69 | | | 129 | Mangroves | 0.27 | 0.006 | 3 | 0 | 0.00 | 0.015 | 288 | 8.73 | 8.73 |
| 70 | | | 130 | Mangroves | 0.28 | 0.006 | 3 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 71 | | | 131 | Tivar- <i>Avicennia marina</i> | 0.32 | 0.038 | 3.5 | 0 | 0.00 | 0.015 | 288 | 4.25 | 4.25 |
| 72 | | | 132 | Tivar- <i>Avicennia marina</i> | 0.32 | 0.038 | 3.5 | 0 | 0.00 | 0.095 | 288 | 27.36 | 27.36 |
| 73 | | | 133 | Tivar- <i>Avicennia marina</i> | 0.38 | 0.038 | 4 | 0 | 0.00 | 0.095 | 288 | 27.36 | 27.36 |
| 74 | | | 134 | Tivar- <i>Avicennia marina</i> | 0.35 | 0.038 | 3.5 | 0 | 0.00 | 0.095 | 288 | 27.36 | 27.36 |
| 75 | | | 135 | Tivar- <i>Avicennia marina</i> | 0.38 | 0.038 | 4 | 0 | 0.00 | 0.095 | 288 | 27.36 | 27.36 |
| 76 | | | 136 | Tivar- <i>Avicennia marina</i> | 0.40 | 0.038 | 4 | 0 | 0.00 | 0.095 | 288 | 27.36 | 27.36 |
| | | | | Tivar- <i>Avicennia marina</i> | 0.33 | 0.038 | 3.5 | 0 | 0.00 | 0.095 | 288 | 27.36 | 27.36 |
| | | | | Total | | 0.476 | | | 0.00 | 0.455 | | 342.72 | 342.72 |

| अ.क्र. | गावाचे नांव | गट नं/स.नं | झाड क्रमांक | झाडाची जात | वेढी सॅ.मी. | फॉ.फॅ. | अंदाजे उंची मीटर | दर | किंमत | किटा माल घ.मी | दर | किंमत | एकूण किंमत |
|--------|-------------|------------|-------------|------------|-------------|--------|------------------|----|-------|---------------|-------|---------|------------|
| 77 | शहापूर | 600 व 602 | 137 | मॅगोव्हज | 0.37 | 0.038 | 4 | 0 | 0.00 | 0.095 | 288 | 27.36 | 27.36 |
| 78 | | | 138 | मॅगोव्हज | 0.25 | 0.006 | 2.5 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 79 | | | 139 | तिबर | 0.42 | 0.038 | 4 | 0 | 0.00 | 0.095 | 288 | 27.36 | 27.36 |
| 80 | | | 140 | तिबर | 0.45 | 0.038 | 4.5 | 0 | 0.00 | 0.095 | 288 | 27.36 | 27.36 |
| 81 | | | 141 | तिबर | 0.38 | 0.038 | 4 | 0 | 0.00 | 0.095 | 288 | 27.36 | 27.36 |
| 82 | | | 142 | तिबर | 0.42 | 0.038 | 4 | 0 | 0.00 | 0.095 | 288 | 27.36 | 27.36 |
| 83 | | | 143 | तिबर | 0.39 | 0.038 | 4.5 | 0 | 0.00 | 0.095 | 288 | 27.36 | 27.36 |
| 84 | | | 144 | मॅगोव्हज | 0.27 | 0.006 | 3 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 85 | | | 145 | मॅगोव्हज | 0.32 | 0.038 | 3 | 0 | 0.00 | 0.095 | 288 | 27.36 | 27.36 |
| 86 | | | 146 | मॅगोव्हज | 0.29 | 0.006 | 3 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 87 | | | 147 | तिबर | 0.43 | 0.038 | 4.5 | 0 | 0.00 | 0.095 | 288 | 27.36 | 27.36 |
| 88 | | | 148 | तिबर | 0.47 | 0.055 | 4 | 0 | 0.00 | 0.138 | 582 | 80.03 | 80.03 |
| 89 | | | 149 | तिबर | 0.38 | 0.038 | 4 | 0 | 0.00 | 0.095 | 288 | 27.36 | 27.36 |
| 90 | | | 150 | तिबर | 0.40 | 0.038 | 4 | 0 | 0.00 | 0.095 | 288 | 27.36 | 27.36 |
| 91 | | | 151 | तिबर | 0.42 | 0.038 | 4 | 0 | 0.00 | 0.095 | 288 | 27.36 | 27.36 |
| 92 | | | 152 | तिबर | 0.38 | 0.038 | 4 | 0 | 0.00 | 0.095 | 288 | 27.36 | 27.36 |
| 93 | | | 153 | तिबर | 0.47 | 0.055 | 4.5 | 0 | 0.00 | 0.138 | 582 | 80.03 | 80.03 |
| 94 | | | 154 | तिबर | 0.42 | 0.038 | 4 | 0 | 0.00 | 0.095 | 288 | 27.36 | 27.36 |
| 95 | | | 155 | मॅगोव्हज | 0.28 | 0.006 | 3 | 0 | 0.00 | 0.015 | 288 | 4.32 | 4.32 |
| 96 | | | 156 | मॅगोव्हज | 0.32 | 0.038 | 3.5 | 0 | 0.00 | 0.095 | 288 | 27.36 | 27.36 |
| 97 | | | 157 | मॅगोव्हज | 0.38 | 0.038 | 4 | 0 | 0.00 | 0.095 | 288 | 27.36 | 27.36 |
| 98 | | | 158 | तिबर | 0.42 | 0.038 | 4.5 | 0 | 0.00 | 0.095 | 288 | 27.36 | 27.36 |
| एकूण | | | | | | | | | | 0.00 | 1.855 | 615.09 | 615.09 |
| एकूण | | | | | | | | | | 0.00 | 3.875 | 1201.04 | 1201.04 |

15/11/19


वनरक्षक अधिकारी
कमकेरवर



Range Forest Officer
(Range Forest Officer)

बेरिंग जेट्टीचे बांधकाम करण्यासाठी व सिमेंट वाहतुक करण्यासाठी मौजे शहाबाज व शहापुर येथील वनजमिन वळतेकरणा प्रस्ताव 0.6497 अदानी सिमेंटेशन लि.

वनपरिमंडळ- कनकेश्वर नियतक्षेत्र- चिंचवली गाव.- शहापुर स. नं. 600 व 602

वनपरिमंडळ- अलिबाग

| अ.क्र. | गावाचे नांव | गट नं./सं. 600 व 602 | झाड क्रमांक | झाडाची जात | वेढी सें.मी. | फॉ.फॅ. | अंदाज उंची मीटर | किंमत |
|--------|-------------|----------------------|-------------|------------|--------------|--------|-----------------|--------|
| 1 | शहापुर | | 61 | मॅग्नोव्हज | 0.17 | 0.006 | 3 | 17.00 |
| 2 | | | 62 | तिबर | 0.22 | 0.006 | 2.5 | 17.00 |
| 3 | | | 63 | तिबर | 0.20 | 0.006 | 2.5 | 17.00 |
| 4 | | | 64 | मॅग्नोव्हज | 0.17 | 0.006 | 3 | 17.00 |
| 5 | | | 65 | मॅग्नोव्हज | 0.25 | 0.006 | 3 | 17.00 |
| 6 | | | 66 | मॅग्नोव्हज | 0.18 | 0.006 | 2 | 17.00 |
| 7 | | | 67 | मॅग्नोव्हज | 0.15 | 0.006 | 2 | 17.00 |
| 8 | | | 68 | तिबर | 0.14 | 0.006 | 2 | 17.00 |
| 9 | | | 69 | तिबर | 0.18 | 0.006 | 2 | 17.00 |
| 10 | | | 70 | मॅग्नोव्हज | 0.13 | 0.006 | 1.5 | 17.00 |
| 11 | | | 71 | तिबर | 0.08 | 0.006 | 1.5 | 17.00 |
| 12 | | | 72 | तिबर | 0.10 | 0.006 | 1.5 | 17.00 |
| 13 | | | 73 | तिबर | 0.14 | 0.006 | 2 | 17.00 |
| 14 | | | 74 | तिबर | 0.09 | 0.006 | 1.5 | 17.00 |
| 15 | | | 75 | तिबर | 0.12 | 0.006 | 1.5 | 17.00 |
| 16 | | | 76 | तिबर | 0.12 | 0.006 | 1.5 | 17.00 |
| 17 | | | 77 | तिबर | 0.18 | 0.006 | 3 | 17.00 |
| 18 | | | 78 | तिबर | 0.18 | 0.006 | 3 | 17.00 |
| 19 | | | 79 | तिबर | 0.08 | 0.006 | 1.5 | 17.00 |
| 20 | | | 80 | मॅग्नोव्हज | 0.14 | 0.006 | 2.5 | 17.00 |
| 21 | | | 81 | मॅग्नोव्हज | 0.19 | 0.006 | 2.5 | 17.00 |
| 22 | | | 82 | मॅग्नोव्हज | 0.18 | 0.006 | 2.5 | 17.00 |
| 23 | | | 83 | मॅग्नोव्हज | 0.20 | 0.006 | 2.5 | 17.00 |
| 24 | | | 84 | मॅग्नोव्हज | 0.08 | 0.006 | 1.5 | 17.00 |
| 25 | | | 85 | तिबर | 0.22 | 0.006 | 3 | 17.00 |
| | | | | | | 0.150 | | 425.00 |

Diversion of 0.497 hectare forest land for proposed Berthing Jetty, Conveyor Corridor with Backup Facilities and Approach Road of Raigad Cement Bulk Terminal at Village Shahpur and Shahbaj by Adani Cementation Limited

Forest Zone: Ailbag

Forest Circle: Kamleshwar

Area: 1 xent chinchwall

Village: Shahpur

Can no. 600 and 602

| S.N. | Village | Gut no./ Survey No. | Tree No. | Tree Species | Girth (cm) | F.I | Approx Height (m) | Price |
|------|---------|------------------------|-------------|--------------------------------|---------------|-------|-------------------------|-------|
| 1 | shahpur | 600 and 602 | 61 | Mangroves | 0.17 | 0.006 | 3 | 17 |
| 2 | | | 62 | Tivar- <i>Avicennia marina</i> | 0.22 | 0.006 | 2.5 | 17 |
| 3 | | | 63 | Tivar- <i>Avicennia marina</i> | 0.20 | 0.006 | 2.5 | 17 |
| 4 | | | 64 | Mangroves | 0.17 | 0.006 | 3 | 17 |
| 5 | | | 65 | Mangroves | 0.25 | 0.006 | 3 | 17 |
| 6 | | | 66 | Mangroves | 0.18 | 0.006 | 2 | 17 |
| 7 | | | 67 | Mangroves | 0.15 | 0.006 | 2 | 17 |
| 8 | | | 68 | Mangroves | 0.14 | 0.006 | 2 | 17 |
| 9 | | | 69 | Tivar- <i>Avicennia marina</i> | 0.18 | 0.006 | 2 | 17 |
| 10 | | | 70 | Tivar- <i>Avicennia marina</i> | 0.13 | 0.006 | 1.5 | 17 |
| 11 | | | 71 | Mangroves | 0.08 | 0.006 | 1.5 | 17 |
| 12 | | | 72 | Tivar- <i>Avicennia marina</i> | 0.10 | 0.006 | 1.5 | 17 |
| 13 | | | 73 | Tivar- <i>Avicennia marina</i> | 0.14 | 0.006 | 2 | 17 |
| 14 | | | 74 | Tivar- <i>Avicennia marina</i> | 0.09 | 0.006 | 1.5 | 17 |
| 15 | | | 75 | Tivar- <i>Avicennia marina</i> | 0.12 | 0.006 | 1.5 | 17 |
| 16 | | | 76 | Tivar- <i>Avicennia marina</i> | 0.12 | 0.006 | 1.5 | 17 |
| 17 | | | 77 | Tivar- <i>Avicennia marina</i> | 0.18 | 0.006 | 3 | 17 |
| 18 | | | 78 | Tivar- <i>Avicennia marina</i> | 0.18 | 0.006 | 3 | 17 |
| 19 | | | 79 | Tivar- <i>Avicennia marina</i> | 0.08 | 0.006 | 1.5 | 17 |
| 20 | | | 80 | Mangroves | 0.14 | 0.006 | 2.5 | 17 |
| 21 | | | 81 | Mangroves | 0.19 | 0.006 | 2.5 | 17 |
| 22 | | | 82 | Mangroves | 0.18 | 0.006 | 2.5 | 17 |
| 23 | | | 83 | Mangroves | 0.20 | 0.006 | 2.5 | 17 |
| 24 | | | 84 | Mangroves | 0.08 | 0.006 | 1.5 | 17 |
| 25 | | | 85 | Tivar- <i>Avicennia marina</i> | 0.22 | 0.006 | 3 | 17 |
| | | | | | | 0.150 | | 425 |

100228

| अ.क्र. | गावाचे नांव | गट नं./स.नं | झाड क्रमांक | झाडाची जात | वेढी स.मी. | फॉ.फं. | अदाजे उंची मीटर | किंमत |
|--------|-------------|-------------|-------------|------------|------------|--------|-----------------|--------|
| 26 | शहापूर | 600 व 602 | 86 | मॅग्नोलिया | 0.14 | 0.006 | 2 | 17.00 |
| 27 | | | 87 | मॅग्नोलिया | 0.11 | 0.006 | 1.5 | 17.00 |
| 28 | | | 88 | मॅग्नोलिया | 0.07 | 0.006 | 1 | 17.00 |
| 29 | | | 89 | मॅग्नोलिया | 0.12 | 0.006 | 1.5 | 17.00 |
| 30 | | | 90 | तिवर | 0.18 | 0.006 | 2.5 | 17.00 |
| 31 | | | 91 | तिवर | 0.42 | 0.038 | 3.5 | 17.00 |
| 32 | | | 92 | तिवर | 0.15 | 0.006 | 2 | 17.00 |
| 33 | | | 93 | तिवर | 0.11 | 0.006 | 1.5 | 17.00 |
| 34 | | | 94 | मॅग्नोलिया | 0.16 | 0.006 | 2 | 17.00 |
| 35 | | | 95 | मॅग्नोलिया | 0.22 | 0.006 | 2.5 | 17.00 |
| 36 | | | 96 | मॅग्नोलिया | 0.13 | 0.006 | 1.5 | 17.00 |
| 37 | | | 97 | मॅग्नोलिया | 0.10 | 0.006 | 1.5 | 17.00 |
| 38 | | | 98 | मॅग्नोलिया | 0.13 | 0.006 | 1.5 | 17.00 |
| 39 | | | 99 | मॅग्नोलिया | 0.17 | 0.006 | 2 | 17.00 |
| 40 | | | 100 | मॅग्नोलिया | 0.07 | 0.006 | 1 | 17.00 |
| 41 | | | 101 | मॅग्नोलिया | 0.09 | 0.006 | 1 | 17.00 |
| 42 | | | 102 | मॅग्नोलिया | 0.14 | 0.006 | 1.5 | 17.00 |
| 43 | | | 103 | मॅग्नोलिया | 0.09 | 0.006 | 1 | 17.00 |
| 44 | | | 104 | मॅग्नोलिया | 0.10 | 0.006 | 1 | 17.00 |
| 45 | | | 105 | तिवर | 0.12 | 0.006 | 1 | 17.00 |
| 46 | | | 106 | तिवर | 0.15 | 0.006 | 1.5 | 17.00 |
| 47 | | | 107 | तिवर | 0.15 | 0.006 | 1.5 | 17.00 |
| 48 | | | 108 | तिवर | 0.17 | 0.006 | 2 | 17.00 |
| 49 | | | 109 | तिवर | 0.18 | 0.006 | 2 | 17.00 |
| 50 | | | 110 | तिवर | 0.25 | 0.006 | 3 | 17.00 |
| | | | | | एकूण | 0.182 | | 425.00 |

| S.N. | Village | Cutt no. Survey No. | Tree No. | Tree Species | Girth (cm) | I.f | Approx. Height (m) | Price |
|------|---------|---------------------|----------|--------------------------------|------------|-------|--------------------|--------|
| 26 | Shahpur | 600 and 602 | 86 | Mangroves | 0.14 | 0.006 | 1 | 17 |
| 27 | | | 87 | Mangroves | 0.11 | 0.006 | 1.5 | 17 |
| 28 | | | 88 | Mangroves | 0.07 | 0.006 | 1 | 17 |
| 29 | | | 89 | Mangroves | 0.12 | 0.006 | 1.5 | 17 |
| 30 | | | 90 | Tivar- <i>Avicennia marina</i> | 0.18 | 0.006 | 2.5 | 17 |
| 31 | | | 91 | Tivar- <i>Avicennia marina</i> | 0.42 | 0.038 | 3.5 | 17 |
| 32 | | | 92 | Tivar- <i>Avicennia marina</i> | 0.15 | 0.006 | 2 | 17 |
| 33 | | | 93 | Tivar- <i>Avicennia marina</i> | 0.11 | 0.006 | 1.5 | 17 |
| 34 | | | 94 | Mangroves | 0.16 | 0.006 | 2 | 17 |
| 35 | | | 95 | Mangroves | 0.22 | 0.006 | 2.5 | 17 |
| 36 | | | 96 | Mangroves | 0.13 | 0.006 | 1.5 | 17 |
| 37 | | | 97 | Mangroves | 0.10 | 0.006 | 1.5 | 17 |
| 38 | | | 98 | Mangroves | 0.13 | 0.006 | 1.5 | 17 |
| 39 | | | 99 | Mangroves | 0.17 | 0.006 | 2 | 17 |
| 40 | | | 100 | Mangroves | 0.07 | 0.006 | 1 | 17 |
| 41 | | | 101 | Mangroves | 0.09 | 0.006 | 1 | 17 |
| 42 | | | 102 | Mangroves | 0.14 | 0.006 | 1.5 | 17 |
| 43 | | | 103 | Mangroves | 0.09 | 0.006 | 1 | 17 |
| 44 | | | 104 | Mangroves | 0.10 | 0.006 | 1 | 17 |
| 45 | | | 105 | Tivar- <i>Avicennia marina</i> | 0.12 | 0.006 | 1 | 17 |
| 46 | | | 106 | Tivar- <i>Avicennia marina</i> | 0.15 | 0.006 | 1.5 | 17 |
| 47 | | | 107 | Tivar- <i>Avicennia marina</i> | 0.15 | 0.006 | 1.5 | 17 |
| 48 | | | 108 | Tivar- <i>Avicennia marina</i> | 0.17 | 0.006 | 2 | 17 |
| 49 | | | 109 | Tivar- <i>Avicennia marina</i> | 0.18 | 0.006 | 2 | 17 |
| 50 | | | 110 | Tivar- <i>Avicennia marina</i> | 0.25 | 0.006 | 3 | 17 |
| | | | | Total | | 0.182 | | 425.00 |

| अ.क्र. | गावाच नाव | गट नं/स.नं | झाड क्रमांक | झाडाची जात | वेढी स.मी. | फॉ.फं. | अंदाजे उंची मीटर | किंमत |
|--------|-----------|------------|-------------|------------|------------|--------|------------------|--------|
| 51 | शहापूर | 600 व 602 | 111 | तिबर | 0.18 | 0.006 | 2.5 | 17.00 |
| 52 | | | 112 | मंसोव्हज | 0.15 | 0.006 | 1.5 | 17.00 |
| 53 | | | 113 | मंसोव्हज | 0.18 | 0.006 | 2 | 17.00 |
| 54 | | | 114 | तिबर | 0.08 | 0.006 | 1 | 17.00 |
| 55 | | | 115 | तिबर | 0.12 | 0.006 | 1.5 | 17.00 |
| 56 | | | 116 | तिबर | 0.17 | 0.006 | 2 | 17.00 |
| 57 | | | 117 | तिबर | 0.18 | 0.006 | 2.5 | 17.00 |
| 58 | | | 118 | मंसोव्हज | 0.20 | 0.006 | 2.5 | 17.00 |
| 59 | | | 119 | मंसोव्हज | 0.18 | 0.006 | 2 | 17.00 |
| 60 | | | 120 | तिबर | 0.20 | 0.006 | 2.5 | 17.00 |
| 61 | | | 121 | तिबर | 0.18 | 0.006 | 2 | 17.00 |
| 62 | | | 122 | तिबर | 0.20 | 0.006 | 2 | 17.00 |
| 63 | | | 123 | तिबर | 0.38 | 0.038 | 3.5 | 30.00 |
| 64 | | | 124 | तिबर | 0.40 | 0.038 | 4 | 30.00 |
| 65 | | | 125 | तिबर | 0.28 | 0.006 | 3 | 17.00 |
| 66 | | | 126 | तिबर | 0.32 | 0.038 | 3.5 | 30.00 |
| 67 | | | 127 | तिबर | 0.38 | 0.038 | 3.5 | 30.00 |
| 68 | | | 128 | मंसोव्हज | 0.25 | 0.006 | 3 | 17.00 |
| 69 | | | 129 | मंसोव्हज | 0.27 | 0.006 | 3 | 17.00 |
| 70 | | | 130 | मंसोव्हज | 0.28 | 0.006 | 3.5 | 17.00 |
| 71 | | | 131 | तिबर | 0.32 | 0.038 | 3.5 | 30.00 |
| 72 | | | 132 | तिबर | 0.38 | 0.038 | 4 | 30.00 |
| 73 | | | 133 | तिबर | 0.35 | 0.038 | 3.5 | 30.00 |
| 74 | | | 134 | तिबर | 0.38 | 0.038 | 4 | 30.00 |
| 75 | | | 135 | तिबर | 0.40 | 0.038 | 4 | 30.00 |
| 76 | | | 136 | तिबर | 0.33 | 0.038 | 3.5 | 30.00 |
| | | | | | एकूण | 0.476 | | 572.00 |

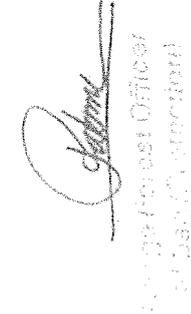
| S.N. | Village | Chr | Survey | P.L. No. | Tree Species | Comp | 1/1 | Appox | Price |
|------|---------|-----|-------------|----------|-------------------------|------|-------|------------|--------|
| | | | | | | Area | | Height (m) | |
| 51 | Shahpur | | 600 and 602 | 111 | Tivar- Avicennia marina | 0.18 | 0.006 | 17 | 17 |
| 52 | | | | 112 | Mangroves | 0.18 | 0.006 | 17 | 17 |
| 53 | | | | 113 | Mangroves | 0.18 | 0.006 | 17 | 17 |
| 54 | | | | 114 | Tivar- Avicennia marina | 0.08 | 0.006 | 17 | 17 |
| 55 | | | | 115 | Tivar- Avicennia marina | 0.12 | 0.006 | 15 | 17 |
| 56 | | | | 116 | Tivar- Avicennia marina | 0.17 | 0.006 | 2 | 17 |
| 57 | | | | 117 | Tivar- Avicennia marina | 0.18 | 0.006 | 2.5 | 17 |
| 58 | | | | 118 | Mangroves | 0.20 | 0.006 | 2.5 | 17 |
| 59 | | | | 119 | Mangroves | 0.18 | 0.006 | 2 | 17 |
| 60 | | | | 120 | Tivar- Avicennia marina | 0.20 | 0.006 | 2.5 | 17 |
| 61 | | | | 121 | Tivar- Avicennia marina | 0.18 | 0.006 | 2 | 17 |
| 62 | | | | 122 | Tivar- Avicennia marina | 0.20 | 0.006 | 2 | 17 |
| 63 | | | | 123 | Tivar- Avicennia marina | 0.38 | 0.038 | 3.5 | 30 |
| 64 | | | | 124 | Tivar- Avicennia marina | 0.40 | 0.038 | 4 | 30 |
| 65 | | | | 125 | Tivar- Avicennia marina | 0.28 | 0.006 | 3 | 17 |
| 66 | | | | 126 | Tivar- Avicennia marina | 0.32 | 0.038 | 3.5 | 30 |
| 67 | | | | 127 | Tivar- Avicennia marina | 0.38 | 0.038 | 3.5 | 30 |
| 68 | | | | 128 | Mangroves | 0.25 | 0.006 | 3 | 17 |
| 69 | | | | 129 | Mangroves | 0.27 | 0.006 | 3 | 17 |
| 70 | | | | 130 | Mangroves | 0.28 | 0.006 | 3.5 | 17 |
| 71 | | | | 131 | Tivar- Avicennia marina | 0.32 | 0.038 | 3.5 | 30 |
| 72 | | | | 132 | Tivar- Avicennia marina | 0.38 | 0.038 | 4 | 30 |
| 73 | | | | 133 | Tivar- Avicennia marina | 0.35 | 0.038 | 3.5 | 30 |
| 74 | | | | 134 | Tivar- Avicennia marina | 0.38 | 0.038 | 4 | 30 |
| 75 | | | | 135 | Tivar- Avicennia marina | 0.40 | 0.038 | 4 | 30 |
| 76 | | | | 136 | Tivar- Avicennia marina | 0.33 | 0.038 | 3.5 | 30 |
| | | | | | Total | | 0.476 | | 572.00 |

4/1/23

| अ.क्र. | गावाचे नाव | गट नं./स.नं. | झाड क्रमांक | झाडाची जात | वेढी स.मी. | फों.फं. | अदाजे उंची मीटर | किंमत |
|--------|------------|--------------|-------------|------------|------------|---------|-----------------|---------|
| 77 | राहापर | 600 व 502 | 137 | मॅयोव्हॅज | 0.37 | 0.038 | 4 | 30.00 |
| 78 | | | 138 | मॅयोव्हॅज | 0.25 | 0.006 | 2.5 | 17.00 |
| 79 | | | 139 | तिबर | 0.42 | 0.038 | 4 | 30.00 |
| 80 | | | 140 | तिबर | 0.45 | 0.038 | 4.5 | 30.00 |
| 81 | | | 141 | तिबर | 0.38 | 0.038 | 4 | 30.00 |
| 82 | | | 142 | तिबर | 0.42 | 0.038 | 4 | 30.00 |
| 83 | | | 143 | तिबर | 0.39 | 0.038 | 4.5 | 30.00 |
| 84 | | | 144 | मॅयोव्हॅज | 0.27 | 0.006 | 3 | 17.00 |
| 85 | | | 145 | मॅयोव्हॅज | 0.32 | 0.038 | 3 | 30.00 |
| 86 | | | 146 | मॅयोव्हॅज | 0.29 | 0.006 | 3 | 17.00 |
| 87 | | | 147 | तिबर | 0.43 | 0.038 | 4.5 | 30.00 |
| 88 | | | 148 | तिबर | 0.47 | 0.055 | 4 | 62.00 |
| 89 | | | 149 | तिबर | 0.38 | 0.038 | 4 | 30.00 |
| 90 | | | 150 | तिबर | 0.40 | 0.038 | 4 | 30.00 |
| 91 | | | 151 | तिबर | 0.42 | 0.038 | 4 | 30.00 |
| 92 | | | 152 | तिबर | 0.38 | 0.038 | 4 | 30.00 |
| 93 | | | 153 | तिबर | 0.47 | 0.055 | 4.5 | 62.00 |
| 94 | | | 154 | तिबर | 0.42 | 0.038 | 4 | 30.00 |
| 95 | | | 155 | मॅयोव्हॅज | 0.28 | 0.006 | 3 | 17.00 |
| 96 | | | 156 | मॅयोव्हॅज | 0.32 | 0.038 | 3.5 | 30.00 |
| 97 | | | 157 | मॅयोव्हॅज | 0.38 | 0.038 | 4 | 30.00 |
| 98 | | | 158 | तिबर | 0.42 | 0.038 | 4.5 | 30.00 |
| एकूण | | | | | | | 0.742 | 672.00 |
| एकूण | | | | | | | 1.550 | 2094.00 |

14/11/19

 वनपरामर्शक अधिकारी
 कलकत्ता


 Forest Officer
 Forest Department

| S.N. | Village | Out no. Surv No. | Tree No | Tree Spec | irth (cm) | TF | Approx. Height (m) | Pr... |
|-------|---------|------------------|---------|------------------------|-----------|-------|--------------------|---------|
| 77 | Shahpur | 600 and 602 | 137 | Mangroves | 0.37 | 0.038 | 4 | 30 |
| 78 | | | 138 | Mangroves | 0.25 | 0.006 | 2.5 | 17 |
| 79 | | | 139 | Tivar-Avicennia marina | 0.42 | 0.038 | 4 | 30 |
| 80 | | | 140 | Tivar-Avicennia marina | 0.45 | 0.038 | 4.5 | 30 |
| 81 | | | 141 | Tivar-Avicennia marina | 0.38 | 0.038 | 4 | 30 |
| 82 | | | 142 | Tivar-Avicennia marina | 0.42 | 0.038 | 4 | 30 |
| 83 | | | 143 | Tivar-Avicennia marina | 0.39 | 0.038 | 4.5 | 30 |
| 84 | | | 144 | Mangroves | 0.27 | 0.006 | 3 | 17 |
| 85 | | | 145 | Mangroves | 0.32 | 0.038 | 3 | 30 |
| 86 | | | 146 | Mangroves | 0.29 | 0.006 | 3 | 17 |
| 87 | | | 147 | Tivar-Avicennia marina | 0.43 | 0.038 | 4.5 | 30 |
| 88 | | | 148 | Tivar-Avicennia marina | 0.47 | 0.055 | 4 | 62 |
| 89 | | | 149 | Tivar-Avicennia marina | 0.38 | 0.038 | 4 | 30 |
| 90 | | | 150 | Tivar-Avicennia marina | 0.40 | 0.038 | 4 | 30 |
| 91 | | | 151 | Tivar-Avicennia marina | 0.42 | 0.038 | 4 | 30 |
| 92 | | | 152 | Tivar-Avicennia marina | 0.38 | 0.038 | 4 | 30 |
| 93 | | | 153 | Tivar-Avicennia marina | 0.47 | 0.055 | 4.5 | 62 |
| 94 | | | 154 | Tivar-Avicennia marina | 0.42 | 0.038 | 4 | 30 |
| 95 | | | 155 | Mangroves | 0.28 | 0.006 | 3 | 17 |
| 96 | | | 156 | Mangroves | 0.32 | 0.038 | 3.5 | 30 |
| 97 | | | 157 | Mangroves | 0.38 | 0.038 | 4 | 30 |
| 98 | | | 158 | Tivar-Avicennia marina | 0.42 | 0.038 | 4.5 | 30 |
| Total | | | | | Total | 0.742 | | 672.00 |
| | | | | | | 1.550 | | 2093.00 |


 Forest Circle Officer
 Kankeshwar



अपर प्रधान मुख्य वनसंरक्षक, कांदळवन कक्ष, मुंबई यांचे कार्यालय,
३०२, वेक फिल्ड हाऊस, ३ रा मजला, ब्रिटानिया रेस्टोरंट जवळ, बॅलार्डइस्टेट, फोर्ट, मुंबई ४०० ००१.
दूरध्वनी क्र.०२२-२२६९४९८४/८५, Email:ccfmmumbai@gmail.com/dfmangrovecell@gmail.com

विषय : Permission for cutting of Mangroves and
afforestation as per sanctioned granted by MCZMA for
construct the captive jetty and allied facilities at village
shahbaj and Shahpur, Taluka- Alibag. District- Raigad.

जा.क्र. कक्ष-3/जमीन/1584 /सन 2020-21
फोर्ट, मुंबई 400 001 दिनांक : 25/02/2021.

- संदर्भ :** 1. प्रकल्प यंत्रणा Adani यांचेकडील पत्र क्र. ACL/ENV/RCBT-JETTY/
Mangrove Cell/ 10-20/13 दिनांक 08/01/2021.
2. 149th Meeting of Maharashtra Coastal Zone Management Authority
(MCZMA) dated 4th December 2020.

उपरोक्त संदर्भान्वये उप वनसंरक्षक अलिबाग यांना कळविण्यात येते की, विषयांकीत प्रकरणी MCZMA यांच्या
144 व्या बैठकीमध्ये दिलेल्या मंजूरी आदेशामध्ये अट क्र. 9 नूसार प्रस्तावाच्या अनुषंगाने कांदळवन कक्षाकडून अभिप्राय
देण्याबाबत विनंती केली आहे. तथापी, सदरचे क्षेत्र हे आपल्या कार्यक्षेत्र येत असल्याने उप वनसंरक्षक अलिबाग, यांनी
विषयांकीत प्रकरणी स्थळ पहाणी करुन अभिप्रायासह तात्काळ अहवाल सादर करावा. सोबत Adani कडून प्राप्त झालेले
दस्तावेज माहितीस्तव व पुढील कार्यवाहीसाठी पाठविण्यात येत आहे.

वरील प्रमाणे कार्यवाही करुन अनुपालन अहवाल सादर करावा.

सोबत : वरील प्रमाणे.


अपर प्रधान मुख्य वनसंरक्षक,
कांदळवन कक्ष, मुंबई.

प्रति,

उप वनसंरक्षक अलिबाग
वन विभाग अलिबाग

प्रतिलिपी- Adani Corporate House, Shantigram, Nr Vaishno Devi Circle, S G Highway,
Ahmedabad - 382 421, Gujrat, India.

2056
adani

Date: 22nd December, 2020

Ref: ACL/ENV/RCBT-JETTY/Mangrove Cell/10-20/13

To,

**Addl. Principal Chief Conservator of Forests &
Mangrove Cell Head Mumbai,**

Room No. 302, 3rd Floor Wekfield House,
Ballard Estate, Mumbai - 400 001

अपर प्रधान मुख्य वनसंरक्षक, कांदिवदन कक्ष, मुंबई यांचे कार्यालय
आवक - 2088
दिनांक - 18/11/2021
मुख्य लेखापाल अपर प्रधान मुख्य वनसंरक्षक

Subject: Permission for Cutting of Mangroves and Afforestation as per sanctioned granted by MCZMA for construct the captive jetty and allied facilities at village Shahbaj and Shahpur, Taluka - Alibag, District -Raigad.

Reference: 149th Meeting of Maharashtra Coastal Zone management authority (MCZMA) dated 4th December 2020.

Dear Sir,

With reference to the above subject, Adani Cementation Limited (ACL) had submitted the proposal to MCZMA for obtaining approval to construct the captive jetty, conveyor corridor with storage & back-up facility, approach road and cement plant at village Shahbaj and Shahpur of Alibag Taluka in Raigad district.

Your esteemed office (Mangrove Cell) had visited the proposed site on 23 October 2019. According to site inspection report approximately 150 shrubs / trees are required to be cut.

ACL has already applied to forest department for necessary permission for diversion of forest. Our proposal has been cleared by CCF, Thane and is currently pending with PCCF, Nagpur. ACL is committed to obtain necessary permission from Hon. Bombay High court post receipt of Forest Clearance and NOC from Mangrove Cell.

Land
Examine
Adani Cementation Ltd
Adani Corporate House
Shantigram, S G Highway
Ahmedabad 382 421
Gujarat, India
CIN: U74999GJ2016PLC094589

Tel +91 79 2555 4444
Fax +91 79 2555 7177
info@adani.com
www.adani.com

adani

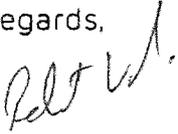
In the 149th meeting of MCZMA the said project was recommended (**Annexure -1**) to MOEFCC, Delhi with certain conditions. As per compliance condition No 9 of the recommendation, Project Proponent is required to obtain NOC from the mangrove cell for mangrove cutting and carryout compensatory afforestation of 10 times of the cut mangroves with help of Forest Department.

We hereby submit our application seeking NOC to cut mangroves as recommended by MCZMA and afforestation of the mangroves (10 times the no. of shrubs / mangroves cut).

We further request you to let us know the cost of felling and replanting the mangrove plants at suitable area at the earliest and grant us the permission for cutting of mangroves and afforestation accordingly.

We appreciate your positive consideration on the matter.

Regards,



Authorized Signatory
Adani Cementation Limited



CC: Member Secretary, MCZMA
Annexure: Annexure -1 – Minutes of 149th meeting of MCZMA

Adani Cementation Ltd
Adani Corporate House
Shantigram, S G Highway
Ahmedabad 382 421
Gujarat, India
CIN: U74999GJ2016PLC094589

Tel +91 79 2555 4444
Fax +91 79 2555 7177
info@adani.com
www.adani.com

Registered Office: Adani Corporate House, Shantigram, Nr Vaishno Devi Circle, S G Highway, Khodiyar, Ahmedabad 382 421, Gujarat, India

MAHARASHTRA COASTAL ZONE MANAGEMENT AUTHORITY

Tel. No. : 022 22029388
Email:- dir1.mev-mh@nic.in
Website: <https://mczma.gov.in/>

No. MCZMA 2020/CR 28/TC4
Office of the –
Maharashtra Coastal Zone Management Authority,
Environment & Climate Change Department,
15th Floor, New Administrative Building,
Mantralaya, Mumbai- 400 032
Date: 02nd December, 2020

To,
All the Project Proponents

Subject: 149th Meeting of Maharashtra Coastal Zone Management Authority (MCZMA) scheduled to be held on 04th December, 2020

I am directed to inform you that, the 149th Meeting of Maharashtra Coastal Zone Management Authority (MCZMA) under the Chairmanship of Principal Secretary (Environment) is scheduled on 04th December 2020 at 12.00 noon through Video Conference. Agenda for the meeting are as follows:

| Sr. No | Subject |
|--------|---|
| 1) | Proposed residential building on plot bearing CTS No. 814 of mouje Murud, Tal. Murud, Dist. Raigad by Shri. Khuram Salim Damad. |
| 2) | Proposed reconstruction of residential Hotel at CTS No. 897, 898, 899 of Malvan, Tal. Malvan, Dist. Sindhudurg by Malvan Sahakari Kharedi Vikri Sangh Ltd. |
| 3) | Construction of residential and commercial project at Plot No. 7A, Sector 13, Sanpada, Navi Mumbai by Shri. Ram Vora M/s. Nivasti Developers LLP |
| 4) | Construction of residential building on plot bearing S. No. 126/6, C. S. No. 616 & 617 of Mouje Murud, Tal. Murud, Dist. Raigad by Shri. Vasant Gajanan Kaulkar |
| 5) | Proposed construction of first floor of residential building on plot bearing S. No. 96, H. No. 4, C. S. No. 1744 of Mouje Murud, Tal. Murud, Dist. Raigad by Shri. Ramesh Dashrath Gurav |
| 6) | Proposed construction on land bearing plot no. 93-B, Sector no. 14, GES Koperkhairne, Navi Mumbai by M/s B. K. Enterprises |
| 7) | Proposed electric substation and laying electric cable at Plot No. B1, Survey No. 21, Hissa No. 1, CTS No. 1071, Opp. Hotel Seagate, Gorai beach road, village Gorai, Borivali West, Mumbai by Mr. Anil Parshuram Kadtarkar |
| 8) | Proposed construction of solid waste management project on plot bearing S. No. 7/1, C. S. No. 1303(pt) at Alibag, Dist. Raigad by Alibag Municipal Council |
| 9) | Proposed Captive Jetty, conveyor corridor & approach road for Raigad cement blending plant in Amra River near village Shahbaj, Tal. Alibag, Dist. Raigad by M/s. Adani cementation Ltd |
| 10) | Proposed protection of existing retaining wall from Lotus Jetty to Chota haji Ali by relocating available Tetrapod by MCGM / PWD. |


(Narendra Toke) 2/12/2020

Director, Environment
& Member Secretary, MCZMA

Copy Submitted to: PA to Chairman, MCZMA

Copy to: All members of MCZMA to attend the online meeting.

Minutes of the 149th meeting of the Maharashtra Coastal Zone Management Authority (MCZMA) held on 04th December, 2020

Item No.9: Proposed Captive Jetty, conveyor corridor & approach road for Raigad cement blending plant in Amra River near village Shahbaj, Tal. Alibaug, Dist. Raigad by M/s. Adani cementation Ltd.

The Project Proponent presented the proposal before the Authority. Adani Cementation Limited (ACL) has proposed to construct Captive Jetty, Conveyor Corridor with Storage & Backup Facilities of 5 Million Tonnes Per Annum (MTPA) capacity and Approach Road for a Cement Bulk Terminal (CBT) at Village Shahbaj and Shahpur of Alibaug Taluk in Raigad District.

The proposed jetty will consist of a berth head, breasting dolphins, mooring dolphins, approach trestle. About 2 Ha water front area will be used for jetty and 1.5 Ha river bank will be used for conveyor corridor and approach road. Proposed berthing facilities will handle dry cargo like fly ash, slag and cement.

The port facilities shall be developed in a phased manner (phase I & phase II) commensurate with traffic growth. The cargo to be handled at the jetty includes Ordinary Portland Cement (OPC) and Fly Ash. These materials will be brought from Gujrat by Ships (Barges) to the Jetty and thereafter by pipe conveyor upto the blending unit site.

- 1) Phase I - One number of barge berth having total length of 160m & 25m wide having mechanized handling system of 1000 TPH for cement import and 400 TPH for fly ash/slag import.
 - i. Approx. 400m of approach trestle connecting landside facilities to jetty
 - ii. Development of cement blending unit in non CRZ area.
 - iii. Captive jetty, plant approach road and the right of way of conveyor between jetty and blending unit in CRZ area.
 - iv. Approx. 500m of conveyor connecting from jetty to cement blending plant area
 - v. Dredging in berth pocket area
 - vi. unloading mechanism at jetty: self-discharging vessel/mechanized unloading
 - vii. support back up infrastructure for operations and maintenance of the proposed facilities


Member Secretary


Chairman

Minutes of the 149th meeting of the Maharashtra Coastal Zone Management Authority (MCZMA) held on 04th December, 2020

- 2) Phase II - Three numbers of additional barge berths having total length of 460m and 25m wide 500m of pneumatic discharge pipe/ conveyor connecting from jetty to cement blending plant area backup area development incremental supporting infrastructure

The proposed jetty for development of Bulk handling terminal is "L" Shaped with required approach length. The cargo complex under dry bulk includes Cement, Clinker, Slag, Coal, AFR and Fly ash for the captive terminal. As the transfer of dry bulk between berths and stockyard is through conveyors, berth will not require contiguity with land. The access to the shore for operations and maintenance is provided through trestle connecting the berths to the onshore area.

Overall both phases comprises of four berths (620 m) to meet the traffic demand. Berths will have depth of 6 m in-front of the berths approx. 435 m of approach trestle connecting from onshore to jetty is also planned. The minimum width of the berth, keeping in view the rail span of the ship loaders, service ducts and the end clearances should be about 35 m. Considering the equipment selection, width of berth may be optimized during detailing stage.

The approach trestle will connect the land side of facilities to jetty area. The length of approach trestle is about 435 m. Construction of 435 m long approach will be with RCC deck supported Bored Cast-in situ pile foundation.

An approach road of around 150 m distance between CBT and Zilla Parishad Road shall be constructed with a Pipe culvert to connect Conveyor and Backup Facility of Captive Jetty area.

Minimal dredging will be required in front of proposed berthing area. The indicative level capital dredging estimates work out to 60,000 m³ for entire berthing area. The dredge material will be utilized for area development. It is proposed to raise and develop the approach road and CBT area to raise the ground level (GL). Dredged material from construction dredging will be utilized for raising the GL.

The PP has submitted the Marine Environmental Impact Assessment Study report, Risk Assessment & Disaster Management Plan. The ToR has been granted by the MoEF&CC, New Delhi and application for Forest Clearance also submitted. The alternatives of the project alignment have been studied.


Member Secretary

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Chairman

Minutes of the 149th meeting of the Maharashtra Coastal Zone Management Authority (MCZMA) held on 04th December, 2020

The Authority noted that, as per the CRZ map in 1:4000 scale prepared by IRS, Chennai, the site under reference is falls in CRZ IA, CRZ III, CRZ-IVB area & Non CRZ area.

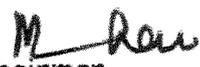
| Activity | Category |
|-----------------------------------|---|
| Jetty | CRZ - IVB (Creek Area) |
| Conveyor Corridor & Approach Road | CRZ - IA (Mangroves & 50 m buffer zone) & CRZ-III (Rural area) |
| Cement Blending Plant | Non CRZ area |

The Authority noted that the proposal was earlier deliberated in the 132nd & 145th meeting of MCZMA held on 24.4.2019 & 07.07.2020. In 132nd meeting, site visit report was sought.

Accordingly, the site visit of Mangrove Cell was held on 23.10.2019 & following observations were made during the site visit:

- 1) The Geo-coordinates received from the PP was verified.
 - a) Conveyor corridor -18°42'40.10"N, 73°01'03.83"E, 18°42'40.15"N, 73°01'03.28"E, 18°42'52.10"N, 73°01'03.80"E, 18°42'52.68"N, 73°01'03.26"E
 - b) Approach Road- 18°42'24.95"N, 73°01'11.91"E, 18°42'24.56"N, 73°01'11.57"E, 18°42'25.46"N, 73°01'10.96"E, 18°42'25.77"N, 73°01'11.37"E
- 2) The proposed construction is located in the survey No. 346 in village shahbaj and survey No.600, 602 in village Shahpur Taluka Alibaug which is having the status of Mangrove reserve forest as per the MRSAC map.
- 3) Proposed construction is passing through the Reserve forest and Mangrove area and hence cutting of the mangrove trees (minimum 150 trees/shrubs approximately) are involved.
- 4) A dense mangrove dominated by *Avicennia marina* was observed. The PP has to obtain the required permission from Forest Department for the diversion of forest land.
- 5) As the proposed site is also passing through the 50-meter buffer area of the mangrove forest, the PP has to obtain required permission from the honorable High Court, Mumbai.


Member Secretary


Chairman

Minutes of the 149th meeting of the Maharashtra Coastal Zone Management Authority (MCZMA) held on 04th December, 2020

In the 145th meeting, the Authority decided that PP need to explore other site for the project activities along with matrix of alternatives, considering the existence of mangroves at the site. Accordingly, the matter was deferred.

Pursuant to above said decision of the MCZMA, the PP submitted that 6 nos. of alternative prospective sites were identified and assessed with a view to minimize cutting of mangrove tree / shrubs falling in the conveyor corridor connective captive jetty & cement plant and approach road .

| Sr No | Description | Evaluation of sites, Tangible parameters | | | | | |
|-------|---|---|--------------------------------------|--------------------------------------|--------------------------------------|---|---|
| | | Site -1 | Site -2 | Site -3 | Site -4 | Site -5 | Site -6 |
| 1 | Proximity to water front for sourcing raw material | Adjacent to North bank of Amba River | Adjacent to South bank of Amba River | Adjacent to South bank of Amba River | Adjacent to South bank of Amba River | Adjacent to South bank of Amba River | Adjacent to North bank of Amba River |
| 2 | Proximity to highway to dispatch of finished goods (km) | ~ 10 km from NH 166A, approach passing through 3 habitation Units | ~ 1.5 km from NH 166A | ~ 0.5 km from NH 166A | ~ 2 km from NH 166A | ~ 3 km from NH 166A & approach passing through 2 rivulets | ~ 9 km from NH 166A & approach passing through 3 habitation units |
| 3 | Proximity to nearest settlements (km) | ~ 5 km from MasadBudruk village | ~ 2 km from Shahba j village | 1.5 km from Shahbaj village | ~ 2 km from Shahba j village | ~ 2.5 km from Shahba j village | ~ 4 km from MasadBudruk village |
| 4 | Safety to Barge Navigation | > 5.0 m of draft available | > 5.0 m of draft available | Infringing railway / road bridges | > 5.0 m of draft available | > 5.0 m of draft available | > 5.0 m of draft available |


Member Secretary


Chairman

Minutes of the 149th meeting of the Maharashtra Coastal Zone Management Authority (MCZMA) held on 04th December, 2020

| | | | | | | | |
|---|---|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| | | | | on Amba River | | | |
| 5 | Mangroves RF falling in Conveyor corridor / approach road | Present (Length 500 m approx.) | Present (Length 410 m approx.) | Present (Length 580 m approx.) | Present (Length 650 m approx.) | Present (Length 580 m approx.) | Present (Length 540 m approx.) |
| 6 | Proximity from NP/WLS/AM is any | Outside 15 km radius |
| | Rank | III | I | II | IV | V | VI |

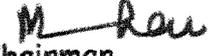
Among all prospective sites, Site No. 2 requires minimum cutting of mangroves to gain access to water front in Amba River.

The PP has submitted Action Plan to minimize cutting of mangrove during construction stage, Action Plan to mitigate adverse impact on mangroves during operation stage, Compensation Plan of 10 times of mangroves.

The Authority noted the anticipated impacts of the proposed activities on the coastal environment. Mitigation measures prescribed in the comprehensive EIA report, which are as follows:

- The clean, efficient and aesthetic construction techniques have to be adopted at offshore for the construction of piles. The technique adopted should not stir up the bed material in the water body while driving the piles.
- The construction and operation of jetty will not show the variation of temperature in water bodies. Only barge movement will be occurred in the channel. There will be no discharge of waste in to water bodies during construction and operation phases. So, there will be no major impact on Intertidal species and their communities.
- Any kind of damming by rubbles or sheet piles either across the surf zone or at nearshore have to be avoided which otherwise would affect the flow of water and movement of sediment.
- The scrap and waste construction materials should not be thrown into the seawater.


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- The bentonite clay or any other construction materials including chemical compounds should not be released into the sea.
- One of the most practical solutions to control the effects of pile driving operations is the use of 'air bubble curtain (ABC)'. Using an ABC will inhibit sound transmission through water due to the reflection and absorption of the sound waves by the small bubbles. The rising curtain of tightly spaced bubbles acts as a damper and can absorb the shock waves. The bubble curtain deployed for the duration of piling activity showed that its use resulted in noise reductions of 50% - 70%. There are other methods such as strobe light fish deterrent systems, rubber or foam bladders wrapped around the pile and large-coverage bubble mats installed on the seafloor which also proved useful to lower the acoustic waves. However, bubble curtain emerged as the most effective one in both performance and cost effectiveness.
- In order to minimize destruction on sub-tidal benthic community while dredging, the dredging may be carried out in controlled manner confined to only jetty area.
- The turbidity induced during the dredging can be minimized using controlled dredging techniques using appropriate cutter suction dredgers.
- The net enclosures with booms may be placed around the dredging area in order to control the spread of the turbid plume.
- monitoring of the turbidity and sediment concentration may be carried out
- The dredge material can be used for reclamation to increase the level of cement bulk terminal and after the suitable level obtained the dredge waste has to be disposed at designated offshore location.
- When dredged materials are disposed at offshore locations, the dumping should be carried out in sequence over the designated areas at different grids after allowing sufficient time between two dumps. This will help the sediments from the first dump to settle before the second dump commences. This way, the suspended load can be maintained at low level and the chance of sediments reaching far-fields is minimized.
- It is a good practice to promote the beneficial use (shore protection /nourishment) if sand and silt fractions are present in the dredged material.
- Further to minimize the impacts of dredging and disposal, proper timings have to be selected i.e. (i) selection of most favourable points in the tidal cycle to limit the extent of effects. (ii) avoiding sensitive periods /breeding season for fishes and marine animals.
- Although dense distribution of mangroves are noticed in 10 km radius within 1 km distance from proposed jetty only along the banks of Amba river.


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Beyond HTL it is barren land with wild vegetation. Conveyor corridor and Approach Road (covering 0.6497 Ha. Mangrove Forest out of total 1.3 Ha. required area) will be constructed in such a way that there will be some minimal disturbance to the mangroves.

- The engineering structure of diameter and spacing between piles are to be designed in such a way that it will not cause any damage to existing mangroves.
- Afforestation of mangrove forest is necessary by the user agency for the loss of mangroves. It is suggested to take up an afforestation measures along with the forest department of Maharashtra on the suitable location near to the proposed Jetty in the intertidal region.
- Marking of boundaries along the creek to avoid disturbance to mangroves due to movement of workers and construction activities.
- Brief the workers and contractors on the importance of mangroves to restrict the unwanted Damage and no debris should be allowed to disposed in and around mangrove
- Oil spill contingency plan should be evaluated to handle accidental spill. Oil spill contingency equipment like boom, skimmer, and dispersant chemicals should be stored. Oil Contingency Team headed by a trained expert should be established at port and all arrangements should form as an integral part of the specialized team. They should establish coordination with National Oil spill Committee headed by the Indian Navy. As Dharamtar port is nearby they may have to develop a joint action plan for any emergency and the resources can be shared, if possible.

As per the EIA report, findings of the study indicate that the fishing resources were low to moderate in the project region. Direct impacts to fisheries resources and fishing operations from habitat loss due to construction of Jetty are regarded as low. The fishing activity is seen only from the Amba river confluence with Arabian Sea. Therefore, there will not be any impact for fishermen or the fishing boats moving in this region.

The Authority noted that as per para 4(i) (f) of CRZ Notification, 2011 Construction and operation for ports and harbours, jetties, wharves, quays, slipways, ship construction yards, breakwaters, groynes, erosion control measures are permissible activities.

The project / activity is covered in Category -A of Item 7 (e) i.e. 'Ports; Harbours , Breakwater, Dredging' of the schedule of the EIA Notification, 2006.


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The Authority further noted the order dated 18th Sep, 2018 in PIL 87/2006 passed by the Hon'ble High Court of Mumbai. The Authority noted that as per submission of the PP, project would be commenced after securing all the other necessary clearances from various Government authorities including prior clearance from the High Court. It was further submitted that the proposed project would bring employment opportunity in the surrounding area thereby benefiting the local public. As committed, the PP shall plant the 10 times the number of mangroves affected due to project, with the help of Forest Department.

The Authority noted that as per para 4(i) (f) of CRZ Notification, 2011, construction and operation for jetties is a permissible activity. Further, from the presentation of the PP, the Authority observed that transportation of the cement via sea/ creek route is comparatively more fuel efficient & greener option than mode of road/ railway transport, particularly with respect to curb of carbon emission and decongestion of the road traffic. It was further noted that the project involves fully mechanized handing of material using fully enclosed belt conveyor. Fully enclosed conveyor will ensure spill proof/leak proof transport of the material, thereby restricting the fugitive emissions to minimum level, during Operation & Maintenance of the plant. The Expert Member, during the discussion suggested that the PP should carry out simultaneous monitoring of the impact of the project activities on the surrounding area and accordingly, implement the mitigation plan & environment management plan for the protection of the coastal environment. In addition to this, the PP need to obtain all other required permissions like Forest Clearance, Mangrove Cell NoC, High Court approval, MPCB, MoEF&CC, new Delhi for the project

In the light of above, after detailed discussion and deliberation, the Authority decided to recommend the proposal to MoEF&CC, New Delhi subject to strict compliance of following conditions:

1. The proposed activities should be carried out strictly as per the provisions of CRZ Notification, 2011 as amended from time to time.
2. Project proponent should implement Mitigation measures and Environment Management plan as stipulated in the EIA report, effectively and efficiently during construction and operational phase of the project to ensure that coastal environment is protected.
3. PP should carry out simultaneous monitoring of the impact of the project activities on the surrounding area and accordingly, implement the mitigation


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plan & environment management plan for the protection of the coastal environment.

4. PP to ensure that mangroves cutting should be restricted to minimum. Spacing between piles of conveyor corridor should be designed in such a way that it will have minimum footprint in the mangroves area. Adequate Culverts/ channels should be provided at appropriate locations while constructing approach road so as to ensure the free movement of the tidal water in the mangrove vegetation.
5. PP to ensure that no reclamation shall be carried out at the two creeklets present near the project location. Free flow of the creeklets should not be blocked, during construction and operation phase of the project.
6. PP to ensure that the dredging should be carried out in controlled manner confined to only jetty area.
7. Cement plant should be located outside CRZ area, as proposed by the PP. Proper care and effective measures should be taken to avoid spillages or fugitive emission of the material from the backup storage facilities. Conveyor belt should be fully enclosed to ensure zero spillage of the transport material.
8. Green Belt should be developed around the backup storage facilities so as to mitigate the air pollution due to fugitive emission. Trucks/Vehicles should be properly covered during the transportation to avoid spillage of the material.
9. PP to obtain the NoC from the mangrove cell. Compensatory afforestation of the mangroves 10 times should be carried out with the help of the forest Dept, as committed by the PP.
10. PP to obtain the Forest clearance under Forest (Conservation) Act, 1980 for diversion of the forest land.
11. PP to obtain the prior High Court permission since, the project involve cutting of the mangroves.
12. PP to ensure Oil spill contingency plan should be formulated and implemented to handle accidental oil spill.
13. Vessel Ships/ barges will not be permitted to discharge wastes, treated or untreated effluents in the creek, PP to have monitoring plan to check creek water quality and accordingly implement appropriate mitigation measures.
14. PP to install the Sewage Treatment plant (STP) for the treatment of the domestic waste water treatment at backup infrastructure facility.
15. The construction debris and dredged material should not be disposed off in the mangrove area & creek water to avoid any adverse impact on mangroves and marine water quality.


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16. Debris generated during the project activity should not be dumped in CRZ area. It should be processed scientifically at a designated place.
17. PP to ensure that best industrial practices should be followed for fire safety measures and for conservation of coastal environment
18. PP to ensure that movement of the fishermen boats should not be obstructed due to project activities.
19. All other required permissions from different statutory authorities should be obtained prior to commencement of work.

Item No.10: Proposed protection of existing retaining wall from Lotus jetty to Chota Hazi Ali by relocating available tetrapod by MCGM/PWD

The DMC, MCGM presented the matter before the Authority. It was presented that the matter involves transportation and relocation of the tetrapods from the Hazi Ali to at seawall near Lotus jetty (stretch from lotus jetty to Chota Haji Ali near Samudra Mahal apartment) and seawall Mahim Coast (Mahim Darga to Shioposvadi, Mahim). The DMC, MCGM further clarified that the said activity is not related to coastal road project.

Harbour engineer, PWD stated that the two locations for relocation of the tetrapod at Hazi Ali were identified by the PWD. Placement of the tetrapod should be accordingly to cross section of the CWPRS. PWD has granted the approval for the same.

The Authority asked the MCGM & PWD whether the strengthening of the sea wall at lotus jetty and Mahim coast is also proposed. DMC, MCGM informed that separate proposal would be submitted for strengthening of the seawall. The current matter before the Authority is only for transportation and relocation of the tetrapods as stated above.

The Authority after deliberation decided that transportation and relocation of tetrapods from the Hazi Ali as per recommendations of the CWPRS to two locations i.e. near lotus jetty and Mahim coast could be allowed only. MCGM to apply separately for strengthening of the seawall which will be considered separately by the MCZMA.


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Discussion item:

The Authority noted that, the financial powers for issuing cheques up to 1 Lakh was with the Member Secretary, MCZMA with approval of Chairperson MCZMA. Considering Ease of Doing Business & smooth functioning, the Authority decided that henceforth, cheques upto Rs. 10 Lakh towards expenses of the MCZMA would be issued with the signature of the Member Secretary, MCZMA, on approval of the Chairman, MCZMA.

-----Meeting ended with vote of thanks-----

Annexure I

List of members/officials present in the online meeting:

1. Mrs. Neenu Somraj, DCF, Mangrove Cell, Member MCZMA
2. Mr. Padmakar Nandushekhar, Environment Advisor, MIDC, representative of Industries Department, Member MCZMA
3. Dr. Mahesh Shindikar, College of Engineering, Pune, Expert Member, MCZMA
4. Dr. A. K. Chaubey, NIO, Expert Member, MCZMA
5. Mr. Maruti Kudale, Ex Director, CWPRS, Expert Member, MCZMA
6. Dr. M. S. Khot, Principal, Chhatrapati Sambhaji Raje Sainik School, Ratnagiri, Expert Member, MCZMA
7. Mr. Narendra Toke, Director, Environment, Member Secretary, MCZMA


Member Secretary


Chairman

Read:

1. In-principal approval letter FC No.: FC-1/MH-243/2021-NGP/8830 dated 29.10.2021 issued by MOEFCC – IRO, Nagpur
2. Demand Note letter No. B/20/Land/FC/945/2022-23 dated 09.06.2022 issued by Deputy Conservator of Forests, Alibag

UNDERTAKING FOR CONDITION NO. (XXI)

Adani Cementation Limited hereby undertake that violation of any of these conditions will amount to violation of Forest (Conservation) Act, 1980 and action will be taken as per the MoEF&CC Guideline F. No. 11- 42/2017-FC dt 29/01/2018

Place : Ahmedabad

Date : 21.07.2022

For, Adani Cementation Limited



(Sanjay prasad)

Authorized Signatory
Head – Environment

Adani Cementation Ltd
Adani Corporate House
Shantigram, S G Highway
Ahmedabad 382 421
Gujarat, India
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www.adani.com

Registered Office: Adani Corporate House, Shantigram, Nr. Vaishno Devi Circle S.G. Highway Khodiyar, Ahmedabad - 382 421

Read:

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2. Demand Note letter No. B/20/Land/FC/945/2022-23 dated 09.06.2022 issued by Deputy Conservator of Forests, Alibag

UNDERTAKING FOR CONDITION NO. (XXII)

Adani Cementation Limited (ACL) hereby undertake that the ACL will abide by any other condition that the Ministry of Environment, Forests & Climate Change may stipulate from time to time in the interest of conservation, protection and development of forests & wildlife

Place : Ahmedabad

Date : 21.07.2022

For, Adani Cementation Limited




(Sanjay Prasad)

Authorized Signatory

Head – Environment

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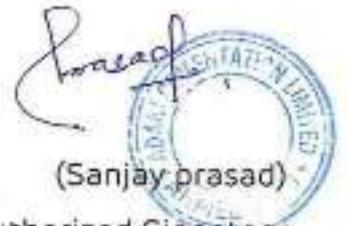
UNDERTAKING FOR CONDITION NO. (XXIII)

Adani Cementation Limited (ACL) hereby undertake that ACL will upload the compliance report on e-portal (<https://parivesh.nic.in/>).

Place : Ahmedabad

Date : 21.07.2022

For, Adani Cementation Limited



(Sanjay Prasad)

Authorized Signatory
Head – Environment

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