

Environmental and Social Due Diligence Report

Project Number: 47083-004
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INDIA: Accelerating Infrastructure Investment Facility in India – Tranche 3 DBL Mangalwedha Solapur Highways Private Ltd. (Part 1 of 4)

Prepared by India Infrastructure Finance Company Limited for the India Infrastructure Finance Company Limited and the Asian Development Bank.

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Due Diligence Report on Environment and Social Safeguards

By

India Infrastructure Finance Company Limited (IIFCL)
(A Govt. of India Enterprise)

Sub-Project: Four Laning of Sangli Solapur (Package IV: Mangalwedha to Solapur) Section of NH-166 from existing Chainage Km 314.969 to Km 370.452 (Design Chainage from Km 321.600 to Km 378.100) of length 56.500 Km in the state of Maharashtra on Hybrid Annuity Mode


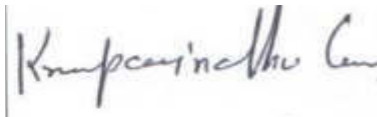
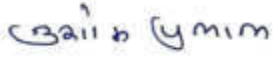



August 2020

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DBL Mangalwedha Solapur Highways Private Limited

**Environment and Social Safeguards Due Diligence Report
(ESDDR)**

Prepared by	<p>Dr. Rashmi Kadian Assistant General Manager (Environmental Specialist) ESMU, IIFCL</p> <p>Mr. Krupasindhu Guru Deputy General Manager (Social Specialist) ESMU, IIFCL</p> <p>Mr. Ashok Suyal Consultant - Social Safeguards</p>	  
Reviewed and Approved by	<p>Dr. S. S. Garg General Manager & Head, ESMU IIFCL</p>	

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PROJECT BACKGROUND

1. PURPOSE OF THE REPORT

1. This Environmental and Social Due Diligence Report (ESDDR) has been carried out by India Infrastructure Finance Company Limited (IIFCL) in consultation with the Concessionaire, DBL Mangalwedha Solapur Highways Private Limited (DMSHPL) to assess the adequacy of the project with the applicable National, IIFCL's ESSF and ADB's safeguard compliance. The report has been prepared as per the documents/information received and discussions held with the Concessionaire.

2. SUB-PROJECT TITLE

2. The sub-project includes – Four Laning of Sangli Solapur (Package IV: Mangalwedha to Solapur) Section of NH-166 from existing Chainage Km 314.969 to Km 370.452 (Design Chainage from Km 321.600 to Km 378.100) of length 56.500 Km in the state of Maharashtra on Hybrid Annuity Mode. The sub project includes development, maintenance and management under NHDP IV on Hybrid Annuity mode.

3. SUB-PROJECT BACKGROUND

3. National Highway Authority of India, on behalf of Government of India, invited International Competitive Bids under Single Stage Bidding process for four laning of 56.500 km stretch from Mangalwedha to Solapur in the state of Maharashtra on Hybrid Annuity Mode in accordance with the term and conditions of the Concession Agreement.
4. DBL Mangalwedha Solapur Highways Private Limited (DMSHPL), part of Dilip Buildcon Limited, is a Special Purpose Vehicle (SPV) incorporated on April 11th, 2018 to undertake the 4 laning of 56.500 km section (from km 321.600 to km 378.100) between Mangalwedha to Solapur on NH 166 in the state of Maharashtra on Hybrid Annuity mode under NHDP Phase IV.
5. The scope of the project includes performance & execution of all design, engineering, financing, procurement, construction, completion, operation & maintenance (O&M) of the project corridor as set out in the Concession Agreement.
6. The project is 4 laning with paved shoulder from km. 321.600 to km 378.100 (Design Chainage) and 4/6-laning on structures in section of NH-166 in the State of Maharashtra under NHDP Phase – IV on Hybrid Annuity Mode.

4. SUB-PROJECT LOCATION & DESCRIPTION

7. The site of proposed four lane project highway i.e. DBL Mangalwedha Solapur section of NH-166 starts from Km 321.600 and ends at Km 378.100 of NH-166 in the State of Maharashtra. The total design length of the four-lane project highway is 56.500 Km.
8. The existing NH-166 carriageway width is having two-lane configuration. The existing pavement is flexible pavement. The proposed 4 lane project highway will be rigid pavement. The toll plaza is proposed at chainage Km 343.510.
9. The new rigid pavement shall be provided for the entire length of four-lane project highway for the main carriageways and paved shoulder. Rigid pavement shall also be provided for proposed toll plaza. Rigid payment shall be provided for service road / slip road and realignment of parallel road for connecting project highway and existing roads. The salient features of the sub-project are given in **Table 1** and location map is given in **Figure 1**.

Table 1: Salient Features of DBL Mangalwedha Solapur Highway Private Limited

Particulars	Features
Name of Project	Four-Laning of Mangalwedha to Solapur section of NH-166 from Km. 321.600 to Km. 378.100 (Package-IV) in the State of Maharashtra on Hybrid Annuity Mode
State	Maharashtra
District	Solapur
Concessioning Authority	National Highways Authority of India
Concessionaire	DBL Mangalwedha Solapur Highways Pvt Ltd (DMSHPL)
Terrain	Plain
Project Length	56.500 Km
Toll Plaza	1 (at Ch 343.510 Km)
Major Bridges	3
Minor Bridges	18
ROB	1
VUP/LVUP	17
Box Culverts	12
Pipe Culverts	92
Truck Laybye	2 (one each on LHS and RHS)
Bus Bays	38
Service roads	30.098 Km



Figure 1: DMSHPL Location Map (project stretch from Mangalwedha to Solapur)

5. CONCESSIONAIRE

10. DBL Mangalwedha Solapur Highways Private Limited (DMSHPL), part of Dilip Buildcon Limited, is a Special Purpose Vehicle (SPV) incorporated to undertake the up gradation of 56.500 Km road stretch between Mangalwedha and Solapur on NH 166 in the state of Maharashtra.
11. DMSHPL has signed the Concession Agreement (CA) with NHAI for a concession period of 17 years on 10th May 2018 consisting of 730 days of construction and 15 years of operations. The CA sets out the scope, rights and obligations of all the parties, overall framework for the development, operation and maintenance of the project.

6. EPC CONTRACTORS

12. Dilip Buildcon Limited (DBL) has signed EPC agreement with DMSHPL on 21st Feb 2019.

7. INDEPENDENT ENGINEER

13. M/S Dhruv Consultancy Services Limited (in Association with Infinite Civil Solutions Pvt. Ltd.) has been signed to monitor the sub-project as Independent Engineer (IE).

8. IIFCL FUNDING

14. The total project cost of DMSHPL is ₹ 947.96 crores. The project is financed by IIFCL under Direct Lending Scheme. IIFCL has sanctioned an amount of ₹ 179.53 crore on 12.9.2018 towards DMSHPL and disbursed ₹ 95.96 crores as on 30.6.2020.

9. STATUS OF PROJECT IMPLEMENTATION

15. The sub project is under construction and the scheduled commercial operations date is 22nd May 2021. As per Lenders Independent Engineer Report of April 2020, 41.32 % physical progress was achieved at the project. As per discussions with DMSHPL staff, almost 50% physical progress has been achieved till mid July 2020.

DUE DILIGENCE ON ENVIRONMENTAL SAFEGUARDS

10. ENVIRONMENT SAFEGUARDS COMPLIANCE REVIEW

16. The environmental due diligence (EDD) report focuses on the status and review of the applicable environmental regulatory requirements, compliance to the regulatory requirements, review of the environment related sub-project documents, implementation of environmental management measures, institutional arrangements for implementation and monitoring of environmental measures, environment, health & safety (EHS) related clauses in agreements, health and safety measures at work place, status of plantations, traffic and safety plan.

11. APPLICABILITY OF ENVIRONMENTAL IMPACT ASSESSMENT NOTIFICATION

17. It is required that the project meets the applicable national guidelines / regulations relating to the environment, occupational health and safety and other safeguard issues. The project should have necessary clearances as well as permits and approvals for project implementation and suitable environmental management plans.
18. National Highway projects up to 100 Kms involving additional right of way or land acquisition upto 40 meters on existing alignments and 60 meters on re-alignments or by-passes are exempted from the scope of the Environmental Impact Assessment Notification, 2006 of Government of India. The total length of the sub-projects is approximately 56.500 Kms, therefore, DMSHPL does not require environmental clearance and is not required to conduct an Environmental and Social Impact Assessment (ESIA) as a statutory requirement. ESIA study has not been conducted for the sub-project DMSHPL. However, the developer has prepared an EMP for the sub-project, which is under implementation at site.

12. APPROACH TO THE ENVIRONMENT SAFEGUARDS DUE DILIGENCE REPORT:

19. The Environmental Due Diligence Report (EDDR) reviews the available documents and assesses the compliance of the sub-project with respect to environmental safeguards; regulatory clearances; environmental impacts and management measures; Health, Safety and Environment (HSE) measures; and categorization of sub-project on the basis of above review.
20. The following documents were referred in order to prepare Environmental Safeguards Due-Diligence Report:
 - Project Information Memorandum (PIM)
 - Concession Agreement
 - Independent Engineer Report (October 2019)
 - Lender's Independent Engineer (LIE) Reports
 - Environment Management Plan and its implementation
 - Project Statutory Approvals/Permits
 - Project HSE Documents
 - Labour License & insurance

- Contract Documents
- Traffic Management & Safety Plan

21. On review of the documents / information related to the sub-project and on the basis of discussions held with developer, the impacts of the DMSHPL on environment are envisaged. The sub-project is mitigating the environmental impacts at the site with Environment Management Plan (EMP). The status of EMP implementation is given in the ESDDR.

13. COMPLIANCE OF PROJECT TO THE ESSF OF IIFCL:

22. The Environmental and Social Safeguard Framework (ESSF) provides the enabling mechanism to IIFCL to deliver its policy objectives and applies to projects funded by IIFCL throughout the project cycle. The ESSF defines procedures, roles, and responsibilities, at various project milestones for managing the adverse environmental impacts.
23. The environmental due diligence for DMSHPL has been done as per requirements of direct lending scheme. The environmental safeguard risks during construction phase have been assessed and risks during operational phase have been evaluated. DMSHPL is under construction and following the applicable regulations and guidelines. There does not seem to be any significant risk for either IIFCL or ADB. The environmental measures being implemented at the sub project are studied and implementation status is checked.
24. The environmental safeguard due-diligence study has been carried out for the sub-project on the basis of information and documents provided by Concessionaire. A detailed discussion on the environmental and social safeguards related issues was also carried out with the team of the sub-project. It can be concluded that DMSHPL is compliant to the requirements of IIFCL's ESSF under direct lending scheme and has adequate management measures implementation on site.

14. POLICY, LEGAL AND REGULATORY REQUIREMENT:

25. DMSHPL does not fall under the schedule of EIA Notification, 2006 that lists projects or activities requiring prior environmental clearance and hence these are exempt from obtaining environmental clearance. DMSHPL is required to comply with the applicable guidelines relating to the environment, occupational health and safety in addition to complying with local pollution control board regulations. The statutory permits/clearances related to environmental aspects obtained/to be obtained from regulatory authorities as part of DMSHPL development were assessed and current status of availability of such permits/clearances are given in **Table 2** below:

Table 2: Status of Regulatory Permits/ Clearances Obtained related to Environmental Safeguards

S.No.	Permits/Clearances	Statutory Authority	Current Status
1.	Environmental Clearance	Ministry of Environment, Forests & Climate Change (MoEF&CC), New Delhi	Not Applicable. As the sub-project length is below 100 kms (56.500 Kms), this is exempted from obtaining environmental clearance and conducting EIA.
2.	Forest Clearance	MoEF&CC and State Forest Department, Maharashtra	The sub project does not involve any forest land. Therefore, it does not require forest clearance.
3.	Wildlife Clearance	MoEF&CC	The Project area does not lie within or near an ecologically sensitive area. The location of Project does not contravene any international biodiversity or ecosystem conservation conventions. Therefore, it does not require wildlife clearance or permission.
4.	Tree cutting permissions	State Forest Department & Revenue Department, Maharashtra	Approximately 2654 no. of trees were coming in ROW. Permission for tree cutting has been taken by developer. The sample copy of tree cutting permission is attached as Annexure 1 .
5.	Consent to Establish	Maharashtra Pollution Control Board (MPCB), Maharashtra	Consent to Establish under section 25 of Water (Prevention & Control of Pollution) Act, 1974 and under section 21 of Air (Prevention & Control of Pollution) Act 1981 has been obtained from Maharashtra Pollution Control Board for all the camps. Sample copy of CTE for RMC plant, Crusher plant, etc. for Mangalwedha camp site is attached as Annexure 2 .
6.	Consent to Operate	Maharashtra Pollution Control Board (MPCB), Maharashtra	Consent to Operate under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21 of Air (Prevention & Control of Pollution) Act 1981 and amendments thereof has been obtained from MPCB for all plant locations (Annexure 3 A, B & C).
7.	Quarry and Borrow Area Permissions	Department of Mines, Government of Maharashtra	As per LIE report, July 2020, borrow earth from cut material is being used at the sub project. Therefore, permission for borrow areas will be taken as and when it is required. Developer has been informed to share the copies of permissions when procured. Developer has informed that one quarry area is used for sub project for which

			developer has taken permission. Sample copies of permits for quarry & identified borrow area are attached as Annexure 4 & 5 .
8.	Labour License & Insurance	Licensing Officer, Government of Maharashtra	DMSHPL has taken Labour License under the Contract Labour (Regulation and Abolition) Act, 1970. The establishment has valid labour license and insurance which are enclosed as Annexure 6 & 7 . The labour insurance taken by developer covers all categories of employees of DBL and sub-contractor engaged in DBL including highly skilled, skilled, semi-skilled, unskilled, engineers, supervisors, managers and daily labour etc.
9.	NOC for setting up camp	Village Panchayat	DMSHPL has confirmed to have taken NOC from village panchayats for setting up of all three camps in project stretch. Sample copy is attached as Annexure 8 .
10.	Permit for installation of HSD Pump	District Magistrate, Solapur	Developer has informed that HSD pumps are installed at two camp sites. Sample copy of permission for pump is attached as Annexure 9 .

15. IMPACT ASSESSMENT OF SUB-PROJECT

26. EIA study was not conducted for the sub-project as the project does not fall under the purview of EIA Notification and subsequent amendments as explained in Section 11 of the EDDR.
27. Being a highway up gradation project, additional land has been acquired for the sub-project which is private land. The length of the sub project is 56.500 km. The impacts of the proposed project are manageable with appropriate EMP. The most of the length of the project road runs through plain terrain. Approximately 2654 no of trees are being cut for the sub project.
28. The site of proposed four-lane project highway which is Package-IV of NH 166 passes through Solapur district. The road starts at Mangalwedha village and ends at Solapur village. The stretch is entirely characterized by 2 lane single carriageway with earthen shoulders. The design length of the sub project is 56.500 Km.
29. There are three camps at the sub-project. At Managlwedha camp RMC, crushers plant etc are established. RMC plant is established at Wagholi camp. Developer has informed that the third camp is located at Solapur village with RMC, WMM and crusher. The camps are at a safe distance from habitation. The camps are on non-agricultural land.

30. The main impacts envisaged due to various activities at the sub-project are summarised in the paragraphs below:
31. **Impact on Land Environment:** The sub-project involves strengthening and widening of the existing two to four lane road. The sub-project involves widening/reconstruction of existing road with additional land acquisition for ROW. The topography at sub-project location will change during construction phase due to excavation of borrow areas, cuts and fills for project road and construction of project related structures. Risk of contamination of soil exists from construction material and oil spills. The impacts are temporary and are manageable with mitigation measures. Developer has informed that fly ash is being used at the sub project sourced from Bilt Bhigwan Thermal Power Station of NTPC. Quantity used so far is 4618.16 MT.
32. **Impact on Water Resources:** Water resources may be impacted near the construction camp. This can be minimized by proper handling of material and proper disposal of sewage and proper erosion control. During the operation stage the leakage or spillage from damaged vehicles or badly maintained vehicles may lead to contamination of water bodies. EMP is available to manage these impacts.
33. **Impact on Air Quality:** The setting up of camp including ready mix concrete plant and crusher plant etc. Up-gradation works at sub-project stretch shall involve generation of dust and release of other pollutants leading to the localised degradation of air quality. All the belt conveyors are to be covered with canopy to control the dust pollution. Ready mix concrete plant to be well equipped with the cartage filters. Mitigation measures are in place to manage these temporary impacts.
34. **Impact on Noise Environment:** Impact on noise environment is envisaged during both construction and operation phases. During construction phase, noise is generated due to use of heavy equipment and processing facilities. Adequate distance from sensitive sites is to be kept for controlling noise disturbances.
35. **Impact on Biological Environment:** The sub project is not located in or near notified protected area, wild life sanctuary, national park and no animal corridor/migration route is present in the project area. About 2654 trees are coming in the ROW expansion. Permissions for tree cutting are obtained from respective authority. No significant impacts on flora and fauna are anticipated at the sub-project except for tree cutting. Necessary mitigation measures are available for trees cut where construction of road is proposed. Developer has confirmed that no endangered flora and fauna are getting affected by the sub project.

16. ENVIRONMENTAL MANAGEMENT PLANS

36. The sub-project does not require EIA as a statutory requirement. Project specific EMP exists for the sub-project (**Annexure 10**). The EMP has been submitted to the Concessioning Authority - NHAI by the developer. The sub-project has been implementing various mitigation measures to

minimize risk to environment. Environmental risk analysis has been done for the sub-project and responsibilities clearly defined in the EMP. The EMP covers all site establishments. The EMP prepared by DMSHPL has identified the impacts of the project and included requisite and adequate mitigation measures. Developer has confirmed that the checklists for EMP monitoring in the form of monthly EHS reports are maintained at site. Sample report is attached as **Annexure 11**.

37. The implementation of the EMP has been assessed on the basis of documents / information shared by the developer. The status of EMP implementation is given in **Table 3**.

Table 3: EMP and its Implementation status at DMSHPL

EMP	Status of EMP Implementation
Conservation of top soil and control of soil erosion	<ul style="list-style-type: none"> Top soil is stored at designated sites with proper fencing Soil is reused for embankment slopes and other distributed areas where re vegetation is desired Developer has informed that slope stabilization will be done by net after the works are complete
Dust and Control of Air & Noise Pollution	<ul style="list-style-type: none"> Water spraying is done at regular interval to avoid fugitive dust emissions Construction camps have LPG for cooking Vehicle carrying potential dust producing material are not loaded to a level higher than the side and tail boards and are covered with tarpaulins Equipment and vehicles are well maintained The speed of vehicles in camp areas is restricted Vehicles used at sub project to have valid pollution control certificate Camp sites is located away from settlements Developer has informed that noise producing activities are restricted at night Workers have been provided with PPEs RMC plant is equipped with dust collector to control emissions Camp haul roads are maintained with salvage material / demolition wastes Developer has been informed to get ambient air/noise monitoring done at project to check the efficacy of above management measures.
Prevention and control of spillage and disposal of waste	<ul style="list-style-type: none"> Fuel is available at camp site in fuel station. Waste oil is stored at impervious cemented surface at site and sold to SPCB authorised vendors as and when required Storage is done at designated areas, with markings and signboards. Developer has informed that trainings are imparted to labour and staff and records maintained at site.
Control of Water Pollution & Water Resource Management	<ul style="list-style-type: none"> Records of water management are kept at site Septic tanks with soak pits are provided at camp site Proper toilets facilities are provided at camp site Earthen and concrete drains are constructed to connect to the nearest culverts at project stretch
Avenue and Median Plantation	<ul style="list-style-type: none"> Tree cutting permissions were obtained and tree cutting is in progress. As per LIE report, July 2020, 2099 no. of trees are cut at site.

EMP	Status of EMP Implementation
	<ul style="list-style-type: none"> Avenue and median plantation plan involves planting approximately 48000 no of plants. The plan for median and avenue plantation is attached as Annexure 12. Median plantation will be done at site as per IRC guidelines. Developer has informed that since almost 50% of work at the project is complete, therefore, median and avenue plantation will begin during August 2020. Tree guards will be provided for trees planted under avenue plantation Developer has informed that records will be maintained at site.
Occupational Health and Safety	<ul style="list-style-type: none"> Developer has informed that all workers and labourers are equipped with appropriate PPE's HSE induction trainings are organized for labour and staff. RO plant is installed at the camp site for drinking water for staff and workers Contractor has provided sufficient road signs, temporary barriers, gunny bags filled with soil with reflective stickers etc. at the construction sites

17. HEALTH AND SAFETY

38. Dilip Buildcon Limited has an Environment, Health & Safety Manual which is applicable to all its projects (**Annexure 13**). The EHS Manual has the EHS Policy of DBL, organization structure, safety rules and procedures, traffic management practices to be followed at site, incident reporting, PPEs, emergency preparedness plan etc. Under the ambit of EHS Manual, DMSHPL has prepared project specific EMP, which is being implemented at the project.
39. The roles & responsibilities of staff, contractors on health and safety of the staff/workers is clearly defined and understood well. The Manual is being implemented at the sub-project site and training/mock drill records are maintained at site. Developer has informed that trainings, tool box talk, and mock drill are conducted at the sub project and records kept.
40. Project specific Traffic Management & Safety Plan is available for DMSHPL (**Annexure 14**). The Plan facilitates the construction stage while ensuring fulfilment of occupational health & safety commitment by minimizing hazards and related risks which may arise from any of the related activities of road construction and operation of different plants. The traffic safety arrangements during execution of works are being carried out by the Contractor for safe movement of vehicles on the project highway. The Contractor has provided sufficient road signs, temporary barriers, gunny bags filled with soil with reflective stickers etc. at the construction sites as reported by LIE.

41. First aid boxes and fire fighting systems are maintained at sub-project camp sites.
42. Developer has informed that they are taking adequate measures during Covid19 for the safety of staff and labour. Wearing masks is mandatory at sites. Other safety precautions like social distancing, temperature checks, disinfection/sanitization of machinery etc are taken by the developer. Developer has confirmed that they are following the COVID-19 pandemic related health and safety measures as per the guidelines and directions issued by the central and state governments at project site.
43. DMSHPL has adequate institutional arrangement to look after HSE related aspects. The organizational chart for DMSHPL forms part of the EMP.

18. GRIEVANCE REDRESSAL MECHANISM

44. As confirmed by the project developer, that the project authority has formed their own institutional arrangements to deal with local complaints/grievances at project site to resolve issues/ concerns at project level. DMSHPL has informed that grievances, demands and complaints of the local people are handled by the site Liaison Team.
45. During the discussions it was informed, that Grievance Redressal Committee (GRC) has been constituted at the project site to ensure that the affected person's grievances, on both environmental and social concerns, are adequately addressed. As informed by the project developer that a grievance register is being maintained at site for taking up complaints/concerns, however no grievance/complaints have been received. Copy of Grievance Register is attached as **Annexure 15**.
46. Redressal of Public Grievances will be done during operation phase as per Article 40 of the Concession Agreement. The Concessionaire has to maintain complaint register at the toll plaza for recording public grievances.

19. ENVIRONMENTAL SENSITIVITY

47. The environmental sensitivity of DMSHPL has been assessed by reviewing various documents and consultation with the developer.
48. The environmental sensitivity assessment is given below:
 - The sub-project involves upgradation of existing 2 lane road.
 - Land acquisition has been done for the sub project which is all private land.
 - The sub-project sites are not located in or near any protected area like wildlife sanctuary / national park.

- Approximately 2654 trees are to be cut for the project, which are falling ROW. No loss of rare/threatened/endangered species of flora is envisaged at the sub project. The sub project is impacting flora which is being compensated in an appropriate manner.
- As informed by the concessionaire, no important cultural or heritage sites are getting affected due to the sub-project.
- The sub-project has the necessary approvals and permits from regulatory authorities.
- The impacts of the sub-project are temporary in nature and are manageable with EMPs.

20. PROJECT AGAINST THE PROHIBITED INVESTMENT ACTIVITIES LIST

49. The sub - project does not involve any prohibited activity as per the Prohibited Investment Activities List (PIAL) of ADB.

21. CATEGORIZATION OF SUB-PROJECT

50. The sub-project can be classified as Category B based upon ADB's EA requirements as per their Safeguard Policy Statement (2009). This classification is based on the review of the available documents and discussions with Developer with respect to the environmental sensitivity due to project activities.

22. CONCLUSIONS AND RECOMMENDATIONS

51. It is concluded on the basis of review of the available information and interaction with sub-project staff that the concessionaire DMSHPL is complying with the requirements as per the applicable national and state guidelines/regulations. The 56.500 km road in the State of Maharashtra is unlikely to pose any adverse environmental risks given the nature of the activities.
52. There are no legally protected areas and cultural heritage sites located within the sub-project.
53. Approximately 2654 number of trees will be cut at the sub project on ROW.
54. The sub-project activities have reversible environmental impacts which are managed with EMP.
55. During preparation of due diligence report, site visit could not be undertaken due to Covid 19 pandemic. Site visit by IIFCL staff will be taken up when the COVID-19 situation improves and it is conducive and safe for IIFCL staff to conduct a site visit.

56. Based upon the available documents/information and confirmations, it is concluded that the concessionaire has undertaken adequate environmental safeguard measures. The conclusions for the sub-project are given below:

- The sub-project has been planned as per the National and State Government requirement and not in anticipation to ADB operation.
- The project site is not located in or close to an ecologically sensitive area.
- The sub-project is being developed in the existing ROW and additional land has been acquired which is private land.
- The concessionaire will be doing avenue and median plantation on the entire stretch. Approximately 48000 trees will be planted by the sub project developer.
- There are three camp sites at the sub-project. Developer has informed that hygienic conditions are maintained at the site. The labour is housed in dormitories with electricity and toilets/bathrooms with water supply. Labour is provided with coolers for summers.
- Developer has informed that dust bins are placed at different locations and toilets are available at the camp site for staff with continuous water supply.
- Community kitchen is being run at the camp sites.
- All waste water being generated at the sub-project premises is disposed in septic tanks/soak pits.
- RO water purifier of large capacity is available at camp for drinking water purpose.
- Developer has informed that fire extinguishers and first aid kits are available at camp sites. Emergency contact numbers have been displayed at appropriate locations.
- The sub-project has the required national and local level permits and approvals for project implementation.

- Concessionaire is implementing EMP at site. The EMP implementation will be monitored by IIFCL.
- The institutional arrangement available for the implementation of environment, health & safety appears to be adequate.
- The concessionaire is maintaining adequate safety at the site. The EMPs will minimize any significant negative impact on environment.
- Developer has confirmed to the report and after approval from the ADB, the ESDDR will be uploaded on ADB and IIFCL websites for public disclosure.

57. Based on the due diligence findings, it can be deduced that the sub-project has no significant environmental safeguard issues. Based on documentary evidence provided by the Developer and its assessment, the sub project is meeting the requirements of ADB's Safeguard Policy Statement (SPS), 2009. During the proposed site visit by IIFCL team, if any observations on safeguards compliance are found, those will be communicated to ADB and a suitable corrective action plan will be prepared, if required. The sub-project, therefore, does not appear to involve any kind of reputational risk to ADB funding on environmental safeguards.

DUE DILIGENCE ON SOCIAL SAFEGUARDS

23. PURPOSE OF THE SOCIAL SAFEGUARDS DUE DILIGENCE:

58. The Social Safeguards Due Diligence Report (SSDDR) has been carried out by India Infrastructure Finance Company Limited (IIFCL) in consultation with the Concessionaire, DBL Mangalwedha Solapur Highways Private limited (DMSHPL) to assess the Social safeguards compliances of the project with the applicable National Policies. The report has been prepared as per the documents/information received from the concessionaire. In order to be eligible for funding under ADB line of credit, IIFCL has prepared the Social Safeguards Due Diligence Report (SSDDR) for the sub-project DMSHPL. Due to ongoing Covid-19 Pandemic situation and resulting restrictions, site visit couldn't be planned. Site visit will be taken up once the situation improves and conducive for the staff to travel.

24. OBJECTIVE OF SOCIAL SAFEGUARDS DUE DILIGENCE:

59. Social Safeguards due diligence study is carried out to assess the social safeguards monitoring compliance status of the project with regards to applicable National policies/procedures as per the information received. The main objective of this Social Safeguard Due Diligence Report (SSDDR) is:

- To assess the likely social impacts and its minimization/mitigation majors adopted for the project with respect to land acquisition, compensation, Indigenous people affected, involuntary resettlement and common properties resources affected, if any, in terms of displacement, loss of incomes, and community links:
- To ascertain, in case of any adverse impact, if appropriate mitigation measures have been taken during the project planning, designing and frameworks established for carrying out safeguard measures during the construction stage to minimize and mitigate such if any adverse impacts.

25. APPROACH AND METHODOLOGY:

60. The Social safeguard due diligence study for DBL Mangalwedha Solapur Highways Private limited (DMSHPL) has been carried out after reviewing the documents made available by the subproject developer. On discussion with the project developer and review of various permits and approvals relating to the project to understand the salient features of the project and social concerns. The following documents/Reports/Licenses/permits and notifications were referred in order to prepare the Social Safeguard Due Diligence Report:

- Project Information Memorandum (PIM)
- Concession Agreement
- Right of Way (RoW)
- EPC Agreement
- Independent Engineer (IE) Report
- Lender's Independent Engineer (LIE) Reports
- Labour License & insurance
- Environment Management Plan & Traffic Management and Safety Plan (EMP-TMP)

26. PROJECT AGAINST THE PROHIBITED INVESTMENT ACTIVITIES LIST:

61. The sub project does not involve any prohibited activity as per the Prohibited Investment Activities List (PIAL) of ADB.

27. SOCIAL IMPACT OF THE PROJECT:**27.1 Land Acquisition in the Project**

62. Land acquired for the project is done as per NH Act 1956. Total land required for the project is 320.86 Ha. Out of which 308.78 Ha. of land is in possession of the Authority which was handed over to the Concessionaire DMSHPL through the RoW Hand over letter.
63. During the discussion it was informed that the land acquisition to the extent of 40~60 m Right of Way (RoW) for 2 to 4-laning of project, approx 96 % of land was made available to the project developer for construction of the project road. The rest of land is being acquired by the Concessioning Authority, for which 3D has been completed and is in the advanced stage of land acquisition.
64. Land acquired for the project is done as per NH Act 1956. Compensation is being paid as per The Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act 2013.
65. Land acquisition process was initiated prior to IIFCL's involvement and not in anticipation of ADB financing. Since the land acquisition was not in anticipation of ADB or IIFCL financing, ADB SPS on involuntary resettlement does not apply. Further, as confirmed by the project developer there is no rehabilitation and resettlement in the project.

27.2 Impact on Structure

66. The sub-project falls in Solapur District in the state of Maharashtra. Most of the section of project road is passing through plain terrain. During the discussions over phone and through mail it was informed by the concessionaire that no structure is affected due to the project. Further, as confirmed by the project developer there is no physical or economical displacement of people.

27.3 Rehabilitation and Resettlement impact in the sub-project

67. As confirmed by the project developer, there is no rehabilitation and resettlement impact in the project.

27.4 Impact on Indigenous people

68. As confirmed by the project developer there is no indigenous people in the project.

28. GRIEVANCE REDRESSAL MECHANISM FOR THE SUB-PROJECT:

69. As confirmed by the project developer, that the project authority has formed their own institutional arrangements to deal with local complaints/grievances at project site to resolve issues/ concerns at project level. DMSHPL has informed that grievances, demands and complaints of the local people are handled by the site Liaison Team.

70. During the discussions it was informed, that Grievance Redressal Committee (GRC) has been constituted at the project site to ensure that the affected person's grievances, on both environmental and social concerns, are adequately addressed. As informed by the project developer that a grievance register is being maintained at site for taking up complaints/concerns, however no grievance/complaints have been received.
71. Redressal of Public Grievances will be done during operation phase as per Article 40 of the Concession Agreement. The Concessionaire has to maintain complaint register at the toll plaza for recording public grievances.

29. EMPLOYMENT GENERATION:

72. Approx. more than 150 Locals are engaged for skilled/Semi-Skilled & Non Skilled activities. During the discussions it was told that employment opportunities are being provided to the local people for various skilled, unskilled and semi-skilled activities like Junior Engineer, Electrician, Security Guards and Office Assistants, Driver, JCB Operators, material testing in laboratory, site supervisors, labours etc.

30. LABOUR LICENSE OBTAINED BY THE SUBPROJECT DEVELOPER:

73. The EPC Contractor M/s Dilip Buildcon Ltd. has received the Labour license from the Licensing Officer and Regional Labour Commissioner, (Central), Pune, Govt. of India, Ministry of Labour & Employment, Govt. of India, Labour Dept. for four laning of Mangalwedha to Solapur Section of NH 166 from Km. 321.600 to 378.100 total length of 56.500 Km.
74. The EPC Contractor on behalf of the principal employer has taken labour license for the project, as per the labour licenses the subproject developer can employ as contract labour in the establishment which shall not, on any day, exceed 200 Nos. the detail of the labour licenses, is attached as **Annexure 6**. The subproject developer has taken employ compensation insurance policy for the project DMSHPL, the detail of the insurance policy is attached as **Annexure 7**.

31. THE COMMUNITY ENGAGEMENT ACTIVITIES:

75. As information provided by the concessionaire, to reach the local people, DMSHPL has undertaken a few of community developments activities at construction stage of the project. The subproject developer engages with various level of society in various capacities including free health check-up camp, free eye checkup camp, promoting road safety, Swatchchata Aviyani/cleanliness at local Gram Panchayat/Tahsil Office/village/market/school, seminar about environmental cleanliness at school other public awareness camp regarding COVID-19, maintain social distancing at site and various locations, sanitization of lab/equipment/machineries at project and community development initiatives.

32. DISCLOSURE:

76. The final ESDDR after approval from the ADB will be uploaded for public disclosure in ADB and IIFCL's website.

33. CONCLUSION:

77. Based upon the available documents and its desk review, it seems that the concessionaire has undertaken adequate measures for the implementation of the project at construction stage of the project. The conclusions for the sub-project is given below:

- The sub-project has been prepared by NHAI under NHDP Phase IV stage plans and as per its own funding requirement and not anticipation to IIFCL or ADB involvement.
- Land acquisition process by NHAI (CA) was initiated prior to IIFCL's involvement and not in anticipation of ADB financing.
- Since the land acquisition was not in anticipation of ADB or IIFCL financing, ADB SPS on involuntary resettlement does not apply.
- The subproject does not have any indigenous people or communities in the project;
- As discussed, and confirmed by the subproject developer, there is no physical or economical displacement of people.
- There is no rehabilitation and resettlement in the project.
- Local labors are being engaged in the construction activities for skilled as well as unskilled activities;
- The Subproject DMSHPL does not involve any prohibited activity as per the Prohibited Investment Activities List (PIAL) of ADB.
- Considering the socio-economic requirements of the project area it can be noted that the project would improve the quality of life for the rural population in the project area.
- The Sub-project do not appear to involve any kind of reputational risk to IIFCL and the Asian Development Bank funding on social safeguards and is recommended for funding under the proposed project.
- The project team is following Covid-19 measures at project and has come up with multiple interventions on social distancing, regular washing hands, wearing mask, sanitization of machineries and random on-site general health checkups for all the employees and workers at large.

वृक्ष अधिकारी तथा वनपरिक्षेत्र अधिकारी रो.ह.यो पंढरपूर यांचे कार्यालय

२७४२, उमदे गल्ली पंढरपूर - ४१३३०४

दुरध्वनी क्रमांक - ०२१८६/२२९०८७

मालकी फाईल

- संदर्भ :- 1) श्री. मा.प्रोजेक्ट डायरेक्टर, नॅशनल हायवे अथॉरिटी ऑफ इंडिया पी.आय.यू. सोलापूर
- 2) महाराष्ट्र झाडे तोड (नियमन) अधिनियम 1964 चा सुधारित अधिनियम 26/89
- 3) महसूल व वन मंत्रालय यांचे कडील क्र. एमआयएस-10/0417/सी.आर.2431 केएच/1 ऑगस्ट 2017 चे नोटीफिकेशन
- 4) मा. उपवनसंरक्षक, सोलापूर वन विभाग सोलापूर यांचे कडील पत्र क्र. व/कक्ष-13/मोजणी/959/2018-19 सोलापूर दिनांक 27/7/2018
- 5) या कार्यालयाचे मुल्यांकन करून दिल्याचे पत्र जा.क्र. :- अ/मालकी/149/सन 2017-18 पंढरपूर दि. 30/6/2018
- 6) मा. उपवनसंरक्षक, सोलापूर वन विभाग सोलापूर यांचे कडील पत्र क्र. व/कक्ष-13/मोजणी/2732/2017-18 सोलापूर दिनांक 16/2/2018
- 7) वनपाल मंगळवेढा यांचे कडील रिपोर्ट जा.क्र 35 /दि. 6/10/2018

जा.क्र :- १११ /सन 2018-19

पंढरपूर दिनांक :- १२/10/2018

: आदेश :

श्री. मा.प्रोजेक्ट डायरेक्टर, नॅशनल हायवे अथॉरिटी ऑफ इंडिया पी.आय.यू. सोलापूर यांनी दिनांक :- 23/6/2018 रोजी केलेल्या वृक्षतोडीचे अर्जाची रितसर चौकशी वनपाल मंगळवेढा यांनी केली असून सदर प्रकरणी महाराष्ट्र झाडे तोड (नियमन) अधिनियम 1964 सुधारित 26/89 मधील कलम 3(1) व महसूल व वन मंत्रालय यांचेकडील क्र.एमआयएस-10/0417/सी.आर.2431 केएच / 1 ऑगस्ट 2017 चे नोटीफिकेशन, नुसार प्रदान केलेल्या अधिकाराचा वापर करून खालील नमूद केलेल्या कारणास्तव खालील नमूद केलेल्या अनुसूचित /विगर अनुसूचित वृक्ष तोडणेस परवानगी देण्यात येत आहे.

1. विकास कामात अडथळा करणारे वृक्ष
2. नविन रस्ता तयार करताना अडथळा करणारे वृक्ष

परवानगी देण्यात आलेल्या झाडांचा तपशील:

अ.क्र	गावाचे नांव	मा.स.नं / ग.नं	क्षेत्र हे/आर चॅनेज क्रमांक	परवानगी दिलेली झाडे	
				जात	संख्या
I	मौ.लक्ष्मी दाहवडी ते माचनूर रोड वरील दोन्ही बाजूचे वृक्ष तोडणे	मौ.लक्ष्मी दाहवडी ते माचनूर रोड	299.005 ते 300.602 (300.615 ते 301.712 वगळून) 301.767 ते 330.95	रस्त्याचे डाव्या बाजू कडील मुल्यांकन यादी प्रमाणे	1057
			299.013 ते 330.999	रस्त्याचे उजव्या बाजू कडील मुल्यांकन यादी प्रमाणे	1186
				एकूण	2243

वरील परवानगी खालील शर्तीस अधिन राहून असेल :

1. सदर झाडे तोडीमुळे कोणाचेही विकास अथवा हितसंबंधास बाधा येता कामा नये.
2. झाडे तोडल्यास इतर कोणाचेही नुकसान झाल्यास त्याची जबाबदारी अर्जदारावर राहिल.
3. परवानगीची मुदत आदेशापासून 30 दिवस वैध राहिल.
4. सदर मुदतीत झाडे तोडून पूर्ण झाली नाही तर, फेर अर्ज देवून परवानगीची मुदत वाढवून घ्यावी.
5. यादीमध्ये नमूद केल्याप्रमाणे परवानगी दिलेली झाडे तोडावीत. अन्यथा महाराष्ट्र झाडे तोड अधिनियम 1964 चे कलाम (4) प्रमाणे दंडाची कारवाई करून जरूरी वाटल्यास तोडलेला माल सरकार जमा करण्यांत येईल. अनुसूची व्यतिरिक्त बिगर मनाई वृक्षांची तोड नियमाप्रमाणे करणेत यावी.
6. आपले स्लेटर हेड वर हमी पत्र लिहून दिल्याप्रमाणे येत्या पावसाळी हंगामात झाडे लावणे बंधन अर्जदारावर राहिल. हमीपत्रात लिहून दिल्याप्रमाणे झाडे न लावल्यास कायदेशीर कारवाई करणेत येईल.
7. झाडे तोडल्यामुळे मातीची धूप होणार नाही. यासाठी विशेष योजना राबवाव्यात की, जेणेकरून सध्याच्या जमिनीची व या क्षेत्राच्या खालील शेतजमीन यांचे नुकसान होणार नाही. व पर्यावरणास व वन्यजीवास धोका होणार नाही याची काळजी घ्यावी.
8. झाडे तोडीस परवानगी दिलेली झाडे तोड झाल्यानंतर या कार्यालयास कळवून वाहतूकीबाबत पुढील कार्यवाही करण्यांत यावी व त्यामुळे नियमाचा कुठलाही भंग होणार नाही याची दक्षता घ्यावी. येत्या पावसाळ्यात एकास तीन याप्रमाणे वृक्ष लागवड करणेत यावी व तसा पुर्तता अहवाल सादर करणेत यावा.
9. नॅशनल हायवे 166/A मधील L.H.S बाजू मौ.आंधळगाव येथील चॅनेल नंबर 300.615 ते 301.712 यामध्ये येणारी झाडे शासकीय वन जमिनीत येत असल्याने मा.उपवनसंरक्षक सा. सोलापूर यांची परवानगी घेऊनच तोडण्यांत यावेत. वनेतर काम होणार नाही याची दक्षता घ्यावी.




वृक्ष अधिकारी तथा
वनपरिक्षेत्र अधिकारी
रो.ह.वो पंढरपूर

प्रति :- श्री. मा.प्रोजेक्ट डायरेक्टर, नॅशनल हायवे अथॉरिटी ऑफ इंडिया पी.आय.यू. सोलापूर

✓ प्रत :- उपवनसंरक्षक सोलापूर वन विभाग सोलापूर यांजकडे माहितीसाठी सादर.

प्रत:- वनपाल मंगळवेढा वाना माहितीसाठी व पुढील योग्य त्या कार्यवाहीसाठी रवाना, अर्जदार यांनी मुदतीत झाडे तोड केल्यानंतर पुर्तता अहवाल या कार्यालयास सादर करावा. सोबत मूळ प्रकरण जोडले असे.

MAHARASHTRA POLLUTION CONTROL BOARD

REGIONAL OFFICE, PUNE

Phone - (020) - 25811627
Fax - (020) - 25811029
Email : ropune@mpcb.gov.in
Visit At : <http://mpcb.gov.in>



3rd Floor, "Jog Center"
Wakadewadi Mumbai-Pune Road,
Pune - 411 003.

Orange/S.S.I.

Date: 15/03/2019

Consent No: RD-PUNE/CONSENT/1903000940

Consent to Establish under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization / Renewal of Authorization under the Hazardous and Other Wastes (M & TM) Rules 2016.

[To be referred as Water Act, Air Act and H&O Wastes (M&TM) Rules respectively].

CONSENT is hereby granted to

M/s. Dilip Buildcon Ltd.
Gat No. 1927 & 1912, A/p- Mangalvedha
Tal. Mangalvedha, Dist - Solapur.

located in the area declared under the provisions of the Water Act, Air act and Authorization under the provisions of H & O Wastes(M&TM) Rules and amendments thereto subject to the provisions of the Act and the Rules and the Orders that may be made further and subject to the following terms and conditions:

1. The Consent to Establish is granted for a period up to commissioning of the unit or five years whichever is earlier.
2. The Consent is valid for the manufacture of -

Sr. No.	Product Name	Maximum Quantity	UOM
1.	Stone Metal	15000	Brass/M
2.	Crushed Dust	5000	Brass/M
3.	Ready Mix Concrete	10000	Brass/M
4.	Hot Mix Macadam	10000	Brass/M

3. CONDITIONS UNDER WATER ACT:

- (i) The daily quantity of trade effluent from the factory shall be Nil.
- (ii) The daily quantity of sewage effluent from the factory shall not exceed 1.00 M³.
- (iii) Trade Effluent : Nil.



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(iv) Trade Effluent Disposal : N/A

(v) Sewage Effluent Treatment: The applicant shall provide comprehensive treatment system as is warranted with reference to influent quality and operate and maintain the same continuously so as to achieve the quality of treated sewage effluent to the following standards.

(1)	Suspended Solids	Not to exceed	100	mg/l.
(2)	BOD 3 days 27° C.	Not to exceed	100	mg/l.

(vi) Sewage Effluent Disposal: The treated domestic effluent shall be treated in septic tank followed by soak pit which shall be cleaned periodically. There shall be no discharge of effluent outside the factory premises.

(vii) Non-Hazardous Solid Wastes:

Sr. No.	Type Of Waste	Quantity	UOM	Treatment	Disposal
..

(viii) Other Conditions:

Industry shall develop green belt of local species along with periphery of adequate width not less than the 33% of total land.

4. The applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Cess Act, 1977 (to be referred as Cess Act) and amendment Rules, 2003 there under

The daily water consumption for the following categories is as

(i) Domestic	...	1.00 CMD
(ii) Industrial Processing	...	0.00 CMD
(iii) Industrial Cooling/Spraying	...	2.00 CMD
(iv) Agriculture / Gardening	...	0.00 CMD

The applicant shall regularly submit to the Board the returns of water consumption in the prescribed form.

5. CONDITIONS UNDER AIR ACT:

(i) The applicant shall install a comprehensive control system consisting of control equipments as is warranted with reference to generation of emission and operate and maintain the same continuously so as to achieve the level of pollutants to the following standards:

a. Control Equipment for Stone Crusher:

- 1) Conveyor belt shall be covered to avoid dust emissions.
- 2) You shall provide Wind breaking walls.
- 3) Dust Suppression system & sprinkling arrangement shall be provided to all sources of dust emission.
- 4) You shall develop a green belt along the periphery of unit.
- 5) You shall construct metalled roads within premises.
- 6) You shall follow regular cleaning & wetting of the ground within Premises.

b. Standards for Emissions of Air Pollutants:

(i) SPM/TPM Not to exceed The SPM measured between 3 to 10 meters, from any process equipment of a stone crushing unit shall not exceed 600 micrograms/Nm³


(ii) SO₂ Not to exceed --- Kg/day

c. Pollution Control Measures for RMC Plant :-

(i) Inhouse measures :-

1. All material point should be covered.
2. Barricading all around the periphery of the plot boundary of height minimum 20 feet or 5 feet above free fall air emission area, whichever is higher with tin sheets.
3. Water sprinkling/chemical dust stabilizing agent spraying system along the periphery inside the premises of RMC.
4. Water sprinkling/Chemical dust stabilization agent spraying system along the periphery inside the premises of RMC.
5. Tree Plantation along the periphery inside boundary of the RMC.
6. Daily cleaning/removal of dust accumulation inside the plant shall be carry out with industrial vacuum cleaner.
7. Two level tyre washing facility shall be provided at entry and exit points for transit mixture vehicle.

(ii) Raw Material Storage :-

- 
1. Storage silos of cement & fly ash shall be equipped with adequate capacity of dust collection system such as multi-cyclone followed by bag house assembly.
 2. Handling of cement, Sand, Fly ash and aggregates shall be carried out with mechanical closed system only.
 3. Manual operations shall be permitted only in closed shed, equipped with dust control system at the loading point as well as roof top secondary dust control system.
 4. All conveyors belt of sand, aggregated shall be covered with tin sheets and at transfer points dust collection system to be installed to avoid secondary fugitive emissions.
 5. Mixing section of cement, aggregate & sand shall be equipped with adequate capacity dust collection system such as multi cyclone followed by bag house so as to limit dust emissions.
 6. Storage area of sand & aggregate shall be equipped with roof top water sprinkling system.
 7. The production plant interlocked with air pollution control system.
 8. All alternative power supply system should cover both the production & air pollution control system.

d. Pollution Control Measures for Hot Mix Plant :-

1. Adequate dust collection system and Wet scrubber of sufficient capacity with adequate height of stack shall be provided to Hot Mix Plant.
2. Dust suppression system shall be provided for loading and unloading of aggregates.
3. Stacking of aggregates shall be done in closed shed/compartament.

6. Standards for Stack Emissions:

- (i) The applicant shall observe the following fuel pattern:-

Sr. No.	Type Of Fuel	Quantity	UOM
01.	Diesel	150	Liters/Hr.

- (ii) The applicant shall erect the chimney(s) of the following specifications:-

Sr. No.	Chimney Attached To	Height In Mtrs.
01.	DG Set(500 KVA)	3.5 meters above roof level.
02.	DG Set(250 KVA)	3.5 meters above roof level.
03.	Hot Mix Plant	30

- (iii) The applicant shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.

- (iv) The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB(A) during day time and 70 dB(A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.

- (v) Other Conditions:

- 1) The industry should not cause any nuisance in surrounding area.
- 2) The industry should monitor stack emissions and ambient air quality Regularly.

7. CONDITIONS UNDER HAZARDOUS WASTE AND OTHER (MANAGEMENT, HANDLING & TRANSBOUNDRY MOVEMENT) RULES, 2016

- (i) The Industry shall handle hazardous wastes as specified below.

Sr. No.	Category & Type Waste	Quantity	UOM	Disposal
01.	5.1- Used Oil	100	Lit/A	Authorized Re-processors.

- (ii) Treatment: - NIL

1. The authorization is hereby granted to operate a facility for collection, storage, transport & disposal of hazardous waste.
2. The industry should comply with the Hazardous Waste (M&TM) Rules, 2008.
 - a. Whenever due to any accident or gas leakage or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Collector, Directorate of Industry, Safety and Health, Police Station, Fire Brigade, Directorate of Health Services, Department of Explosives, Board

and Local Body and the production process should be stopped by taking all necessary safety measures. The industry shall also monitor the emission and ensure that the emissions do not cause any harm or nuisance in the surrounding. The industry should not restart the process without permission of the Board and other statutory organization as require under the law.

- b. The unit has to display and maintain the data online outside the factory main gate in Marathi & English both on a 6'x4' display board in the manner and the report of the compliance along with photograph shall be submitted to this office & concerned Regional Office/ Sub Regional Office.
- c. It shall be ensured that the Hazardous waste is handled, managed & disposed of strictly in accordance with the Hazardous Waste (M & TM) Rules, 2008.

8. Industry shall comply with following additional conditions:

- i. The applicant shall maintain good housekeeping and take adequate measures for control of pollution from all sources so as not to cause nuisance to surrounding area / inhabitants.
- ii. The applicant shall bring minimum 33% of the total land under green coverage/ tree plantation.
- iii. Solid waste – The non hazardous solid waste arising in the factory premises, sweepings, etc., be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal to dumping ground.
- iv. The applicant shall provide for an alternate electric power source sufficient to operate all pollution control facilities installed by he applicant to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms & conditions of this consent regarding pollution levels.
- v. The applicant shall not change or alter quantity, quality, the rate of discharge, temperature or the mode of the effluent / emissions or hazardous wastes or control equipments provided for without previous written permission of the Board.
- vi. The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous wastes to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
- vii. The applicant shall make an application for renewal of the consent at least 60 days before the date of the expiry of the consent.
- viii. The firm shall submit to this office, the 30th day of September every year, the Environmental Statement Report for the financial year ending 31st March in the prescribed Form-V as pre the provisions of rule 14 of the Environment (Protection) (Second Amendment) Rules, 1992.
- ix. As inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
- x. The applicant shall install a separate electric meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.
- xi. Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of collection system with arrangement for measuring the flow. No effluent shall be admitted in the



pipes / sewers down- stream of the terminal manholes. No effluent shall find its way other than in designed and provided collection System.

- xii. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
9. This is without prejudice to any other permission required under any of the laws, by-laws or regulations in force.
10. This Board reserves the right to add / amend / revoke any condition in this consent and the same shall be binding on the applicant.
11. The applicant shall obtain consent to operate well in advance before starting of actual commercial production.
12. If the water source to the industry is from Well/Bore Well, industry should obtain NOC from Central Ground Water Survey Agency(CGWA) in advance.
13. Industry should full-fills distance criteria with respect to roads and human habitation for siting of stone crusher unit, failing which, consent stands automatically canceled.
14. Industry should submit Bank Guarantee of Rs. 100,000/- (Rs. One Lakh only) within 15 days period in Boards prescribed format in favor of Regional Officer, Pune for the compliance of consent conditions for the validity period upto One year.
15. The Capital investment of the industry is Rs. 844.00 Lakh.



For AND ON BEHALF OF M.P.C. BOARD

(Dilip Khedkar)
REGIONAL OFFICER, PUNE

To,
M/s. Dilip Buildcon Ltd.
Gat No. 1927 & 1912, A/p- Mangalvedha
Tal. Mangalvedha, Dist -Solapur.

Copy to:
Sub-Regional Officer, MPCB, Solapur.

Received Consent fee of -

Sr. No.	Amount(Rs.)	Transaction No.	Date	
1.	50000/-	7616084 (NEFT- Punjab National Bank)	17.10.2018	--

MAHARASHTRA POLLUTION CONTROL BOARD

REGIONAL OFFICE, PUNE

Phone - (020) - 25811627
Fax - (020) - 25811029
Email : ropune@mpcb.gov.in
Visit At : <http://mpcb.gov.in>



3rd Floor, "Jog Center"
Wakdevadi Mumbai-Pune Road,
Pune - 411 003.

Orange/S.S.I.

Date: 29/08/2019

Consent No: RO-PUNE/CONSENT/ 1908000883

Consent to Operate under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization / Renewal of Authorization under Rule 6 of the Hazardous and Other Wastes (Management & Transboundary Movement) Rules 2016

[To be referred as Water Act, Air Act and HW (M&TM) Rules respectively].

.....
CONSENT is hereby granted to

M/s Dilip Buildcon Ltd.,
Gat No 1927 & 1912, A/p. Mangalvedha,
Tal. North Solapur, Dist. Solapur

located in the area declared under the provisions of the Water Act, Air act and Authorization under the provisions of HW(M&TM) Rules and amendments thereto subject to the provisions of the Act and the Rules and the Orders that may be made further and subject to the following terms and conditions:

1. The Consent to Operate is granted for a period up to: 28/02/2021.

2. The Consent is valid for the manufacture of -

Sr. No.	Product Name	Maximum Quantity	UOM
1	Stone Metal	15000.00	Brass/M
2	Crushed Dust	5000.00	Brass/M
3	Ready Mix Concrete	10000.00	Brass/M
4	Hot Mix Macadam	10000.00	Brass/M

3. CONDITIONS UNDER WATER ACT:

(i) The daily quantity of trade effluent from the factory shall be NIL.

(ii) The daily quantity of sewage effluent from the factory shall not exceed 1.0 M³.

(iii) Trade Effluent : NA

(iv) Trade Effluent Disposal: NA

(v) **Sewage Effluent Treatment:** The applicant shall provide comprehensive treatment system as is warranted with reference to influent quality and operate and maintain the same continuously so as to achieve the quality of treated effluent to the following standards.

- (1) Suspended Solids Not to exceed 100 mg/l.
 (2) BOD 3 days 27° C. Not to exceed 100 mg/l.
 (vi) **Sewage Effluent Disposal:** The treated domestic effluent shall be soaked in a soak pit, which shall be got cleaned periodically. Overflow, if any, shall be used on land for gardening / plantation only.

(vii) **Non-Hazardous Solid Wastes:**

Sr. No.	Type Of Waste	Quantity	UOM	Treatment	Disposal
1.	Concrete Sludge	--	--	--	Landfill

(viii) **Other Conditions:**

- 1) Industry should monitor effluent quality regularly.
 - 2) Industry shall develop green belt of local species in 1/3rd of total area.
4. **The applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Cess Act, 1977 (to be referred as Cess Act) and amendment Rules, 2003 there under**

The daily water consumption for the following categories is as under:

(i) Domestic	...	2.00 CMD
(ii) Industrial Processing	...	00.00 CMD
(iii) Industrial Sprinkling	...	1.00 CMD
(iv) Agriculture / Gardening	...	-- CMD

The applicant shall regularly submit to the Board the returns of water consumption in the prescribed form and pay the Cess as specified under Section 3 of the said Act.

5. CONDITIONS UNDER AIR ACT:

- (i) The applicant shall install a comprehensive control system consisting of control equipments as is warranted with reference to generation of emission and operate and maintain the same continuously so as to achieve the level of pollutants to the following standards:

a. Control Equipment:


- 1) Conveyor belt shall be covered to avoid dust emissions.
- 2) Adequate height wind breaking walls shall be along with periphery of the plant.
- 3) Dust Suppression system & water sprinkling arrangement shall be provided to all sources of dust emission including storage area.
- 4) You shall develop adequate green belt along the periphery of unit.
- 5) You shall construct metalled roads within premises.
- 6) You shall provide water pumping arrangement for regular cleaning and wetting of the ground within premises.
- 7) Dust collector system shall be provided to mixer unit.
- 8) You shall provide/installation of water scrubbing arrangement for scrubbing the obnoxious fumes arises from hot mixing section.
- 9) You shall not operate your industry without compliance of above conditions mentioned at Sr. No. (1) to (8).

b. Standards for Emissions of Air Pollutants:

- (i) SO₂ Not to exceed 3.6 Kg/D
- (ii) SPM/TPM Not to exceed 150 mg/Nm³, Also the SPM measured between 3 to 10 Mtrs, from any process equipment shall not exceed 600 µg/Nm³
- (iii) Particulate Matter PM₁₀ Not to exceed 100 µg/m³
- (iv) Particulate Matter PM_{2.5} Not to exceed 60 µg/m³
- (v) NO_x Matter PM_{2.5} Not to exceed 80 µg/m³

6. Standards for Stack Emissions:

- (i) The applicant shall observe the following fuel pattern:-



Sr. No.	Type Of Fuel	Quantity	UOM
1	Diesel	150.00	Lit/day

- (ii) The applicant shall erect the chimney(s) of the following specifications:-

Sr. No.	Chimney Attached To	Height in Mtrs.
1	Hot Mix Plant	12.0
2	DG Set 500 KVA	4.5 mtr above the roof
3	DG Set 250 KVA	3.0 mtr above the roof

- (iii) The applicant shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.
- (iv) The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB(A) during day time and 70 dB(A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.
- (v) **Other Conditions:**
- 1) The industry should not cause any nuisance in surrounding area.
 - 2) The industry should monitor stack emissions and ambient air quality Regularly.

7. CONDITIONS UNDER HAZARDOUS AND OTHER WASTE (MANAGEMENT & TRANSBOUNDARY MOVEMENT) RULES, 2016:

- (i) The Industry shall handle hazardous wastes as specified below.

Sr. No.	Type Of Waste	Quantity	UOM	Disposal
1	5.1 Waste Oil	100.00	Litr/A	To Autho. Reprocessor

(ii) Treatment: - NIL

1. The authorization is hereby granted to operate a facility for collection, storage, transport & disposal of hazardous waste.
2. The industry should comply with the Hazardous Waste (M&TM) Rules, 2016.
 - a. Whenever due to any accident or gas leakage or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Collector, Directorate of Industry, Safety and Health, Police Station, Fire Brigade, Directorate of Health Services, Department of Explosives, Board and Local Body and the production process should be stopped by taking all necessary safety measures. The industry shall also monitor the emission and ensure that the emissions do not cause any harm or nuisance in the surrounding. The industry should not restart the process without permission of the Board and other statutory organization as require under the law.
 - b. The unit has to display and maintain the data online outside the factory main gate in Marathi & English both on a 6'x4' display board in the manner and the report of the compliance along with photograph shall be submitted to this office & concerned Regional Office/ Sub-Regional Office.
 - c. It shall be ensured that the Hazardous waste is handled, managed & disposed of strictly in accordance with the Hazardous Waste (M&TM) Rules, 2016.

8. Conditions for RMC Plants.:

- i. The all material transfer points should be covered.
- ii. Industry shall provide barricading all around the periphery of the plot boundary of height minimum 20 feet or 5 feet above free fall air emission area, whichever is higher with tin sheets. Same may extend above with netlon clothing whenever required.
- iii. Industry shall provide Water sprinkling/Chemical dust stabilizing agent spraying system along the periphery inside the premises of RMC.
- iv. Industry shall provide internal work area by cement concreted/Asphalted.
- v. Industry shall provide Daily cleaning / Removal of dust accumulation inside the plant (dry/wet) & shall be carry out, with industrial vacuum cleaner.
- vi. The two level tyre washing facility shall be provided at entry and exit points, for transit mixture vehicle.
- vii. Industry shall provide Storage silos of cement & fly-ash shall be equipped with adequate capacity of dust Collection system such as multi- cyclone followed by bag house assembly.
- viii. The cement, sand, fly ash and aggregates shall be carried out with mechanical closed system only.
- ix. Manual operations shall be permitted only in a closed shed, equipped with dust control system at the loading point as well as roof top secondary dust control system
- x. All Conveyor belts of Sand, aggregate shall be covered with tin sheets and at transfer points dust collection system to be installed to avoid secondary fugitive emissions.
- xi. Mixing section of cement, aggregate & sand shall be equipped with adequate capacity dust collection system, such as multi-cyclone followed by bag house, so as to limit dust emissions.

- xii. Storage area of sand & aggregate shall be equipped with roof top water sprinkler system.
- xiii. Industry shall provide treatment to effluent generated.
- xiv. Industry shall recycle/ reuse of treated effluent.
- xv. Industry shall dispose solid waste by landfilling.
- xvi. Alternative power supply system should cover both the production and Air pollution control system.
- xvii. Industry shall abide all conditions/directions issued time to time in respect of precaution measures for control of air pollution.

9. Industry shall comply with following additional conditions:

- i. The applicant shall maintain good housekeeping and take adequate measures for control of pollution from all sources so as not to cause nuisance to surrounding area / inhabitants.
- ii. The applicant shall bring minimum 33% of the available open land under green coverage/ tree plantation.
- iii. Solid waste – The non hazardous solid waste arising in the factory premises, sweepings, etc., be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal to dumping ground.
- iv. The applicant shall provide for an alternate electric power source sufficient to operate all pollution control facilities installed by he applicant to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms & conditions of this consent regarding pollution levels.
- v. The applicant shall not change or alter quantity, quality, the rate of discharge, temperature or the mode of the effluent / emissions or hazardous wastes or control equipments provided for without previous written permission of the Board.
- vi. The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous wastes to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
- vii. The applicant shall make an application for renewal of the consent at least 60 days before the date of the expiry of the consent.
- viii. The firm shall submit to this office, the 30th day of September every year, the Environmental Statement Report for the financial year ending 31st March in the prescribed Form-V as pre the provisions of rule 14 of the Environment (Protection) (Second Amendment) Rules, 1992.
- ix. As inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
- x. The applicant shall install a separate electric meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.
- xi. Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes / sewers down- stream of the terminal manholes. No effluent shall find its way other than in designed and provided collection System.
- xii. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.

10. This is issued without prejudice to any other permission required under any of the laws, by-laws or regulations in force.
11. This Board reserves the right to add / amend / revoke any condition in this consent and the same shall be binding on the applicant.
12. This consent is issued for stone crushing unit only. Industry shall obtain Environmental Clearance for Stone Quarry from competent authority.
13. The RMC Should follow the direction issued in the Notification by Govt. Maharashtra vide No-MPCB/AS(T)/TB/B-4363 dated-16.10.2016.
15. Industry shall obtain NOC from Central Ground Water Authority within 3 months, in case of ground water extraction for the activity.
16. Industry shall submit Bank Guarantee of Rs. 3,00,000/- (Rs. Three Lacs Only) valid for period upto 28 May, 2021 within 15 days, in favour of Regional Officer Pune, towards ensure of compliance of consent conditions.
17. The Capital investment of the industry is Rs 844.00 Lakhs.



For AND ON BEHALF OF M.P.C. BOARD

(Dilip Khedkar)
Regional Officer

To,
M/s Dilip Buildcon Ltd.,
Gat No 1927 & 1912, A/p. Mangalvedha,
Tal. North Solapur, Dist. Solapur

Copy to:

- 1) Sub-Regional Officer, MPCB, P - I / P - II / P.C. / Satara / Solapur.
- 2) Chief Accounts Officer, MPCB, Mumbai

Received Consent fee of -

Sr. No.	Amount (Rs.)	DR /Transaction No.	Date
1.	50,000.00	7616084 (NEFT)	17/10/2018

Note : Industry had paid consent fees Rs. 50,000.00 at the time of Consent to Establish (UAN No. 0000065588) out of these fees Rs. 25,000.00 was charged for Consent to Establish and Remaining fees of Rs. 25,000.00 considered for this consent to operate (UAN No. 0000072698).

MAHARASHTRA POLLUTION CONTROL BOARD

Sub Regional Office Solapur.

Telefax: 0217-2319850

Email : srosolapur@mpcb.gov.in

Visit At: <http://mpcb.gov.in>



4B, Bali Block, Civil Lines, Opp.
Govt. Milk Dairy, Sath Rasta,
Solapur - 413003.

Green/SSI

Date: 9/07/2020.

Consent NO: MPCB/SRO-SOLAPUR/CONSENT/2007000669

Consent to Operate under section 26 of the Water (Prevention and Control of Pollution) Act, 1974; under section 21 of the Air (Prevention and Control of Pollution) Act, 1981 and Authorization / Renewal of Authorization under Rule 5 of the Hazardous Waste (Management, Handling & Transboundary Movement) Rules, 2008.

[To be referred as Water Act, Air Act & HW (MH&TM) Rules respectively].

CONSENT is granted to:

M/s. Dilip Buildcon Ltd
Gat No. 41, 35/1/E/2, 41/2, 42/4/A, 42/3/A, 42/A/1,
35/1/H, 42/6, 42/5/B, Tal. - Wagholi,
Tal. - Mohol, Dist: Solapur
Maharashtra, India

Located in the area declared under the provisions of the Water Act/Air Act/Authorization under the provisions of HW (MH&TM) Rules, subject to the provisions of the Act and the Rules and the orders that may be made further and subject to the following terms and conditions.

1. The Consent to Operate is granted for period up to 28/02/2023.
2. The consent is valid for the manufacture of -

Sr. No.	Product Name	Maximum Quantity	UOM
1	Ready Mix Concrete (Without use of Asbestos)	15	CMD

3. CONDITIONS UNDER WATER ACT:

(i) The daily quantity of trade effluent shall be Nil.

(ii) The daily quantity of sewage effluent from the factory shall not exceed 0.5 m³.

(iii) Trade effluent treatment: - NA

(iv) Trade effluent disposal: The treated effluent shall be used in the process, water sprinkling system or gardening/plantation only. There should not any discharge of effluent from the plant.

(v) Sewage Effluent Treatment: - The applicant shall provide comprehensive treatment as is warranted with reference to influent quality and operate and maintain the same continuously so as to achieve the quality of the treated effluent to the following standards:

SRO Solapur/I/G/S-069634



(i) Suspended Solids Not to exceed 100 mg/l.

(ii) B. O. D. 5 days 20 C. Not to exceed 100 mg/l.

(vi) **Sewage Effluent Disposal:** The treated effluent shall be used on land for gardening within premises.

(vii) **Non Hazardous solid waste :**

Type of Waste	Quantity	Treatment	Disposal
Nil	Nil	-----	Nil

(viii) **Other Conditions: ---**

4. The applicant shall comply with the provisions of the Water (Prevention and Control of Pollution) Cess Act 1977 (to be referred as Cess Act) and rule made there under.

The daily water consumption for the following categories is as under:

- (i) Domestic purpose -----2.0 CMD
- (ii) Water gets Polluted & Pollutants are Biodegradable ----- 5.0 (For mixing)CMD
- (iii) Water gets Polluted, Pollutants are not Biodegradable & Toxic ----- 0.00 CMD
- (iv) Industrial Cooling, spraying in mine pits or boiler feed -----0.00 CMD
- (v) Agriculture / Gardening ----- 1.0 CMD

The applicant shall regularly submit to Board the returns of water consumption in the prescribed form and pay the cess as specified under section 3 of the said Act.

5. CONDITIONS UNDER AIR ACT :

- (i) The applicant shall install a comprehensive control system consisting of control equipment's as is warranted with reference to generation of emissions and operate and maintain the same continuously so as to achieve the level of pollutants to the following standards :-

a. Control Equipment:

- (i) **In-house measures:** 1. All material transfer points should be covered. 2. The dust containment systems shall be provided incorporating either of the following a) Barricading all around the periphery of the plot boundary with height of minimum 20 feet or 5 feet above free fall air emission area, whichever is higher with appropriate material. Same may extend above with netlon clothinh whenever required. b) Water sprinkling/Chemical dust stabilizing agent spraying sysem along the periphery inside the premises of RMC. c) Tree plantation along the periphery inside boundary of the RMC premises having minimum width of 5 meters, on all sides. The foliage of the trees shall adequately cover area up to about 20 mtr height. 3) Internal work area shall be cement concreted/Asphalted. 4) Daily cleaning /Removal of dust accumulation inside the plant (dry/wet) shall carry out, with industrial vacuum cleaner. 5) Two level tyre washing facility shall be provided at entry and exit points, for transit mixture vehicle. (ii) **Raw material storage & handling:** 1) Storage silos of cement & fly ash shall be equipped with adwequate capacity of dust collection system such as multi-cyclone followed

by bag house assembly. 2) Handling of cement, sand, fly ash & aggregates shall be carried out with mechanical closed system only. 3) Manual operations shall be permitted only in a closed shed, equipped with dust control system. 4) All conveyor belts of sand, aggregate shall be covered with tin sheets and at transfer points dust collection system to be installed to avoid secondary fugitive emissions. 5) Mixing section of cement, aggregate & sand shall be equipped with adequate capacity dust collection system, such as multi-cyclone followed by bag house, so as to limit dust emissions. 6) Storage area of sand & aggregate shall be equipped with roof top water sprinkler system. 7) The operation of the plant shall be interlocked with air pollution control devices. 8) Alternative power supply system, should cover both the production & Air pollution control system. (iii) The unit shall monitor ambient air quality at the plot boundary & meet the following ambient air quality standards (24 hours Average) a) Commercial plants shall install continuous ambient air quality monitoring station (CAAQMS) within the premises.

(ii) The applicant shall observe the following fuel pattern:-

Sr. No.	Type of Fuel	Quantity
1	NA	NA

(iii) The applicant shall erect the chimney / (s) of the following specifications :-

Sr. No.	Chimney attached to	Height in meters
1	NA	NA

(iv) The applicant shall provide in the chimney / (s) and facilities such as ladder, platform etc, for monitoring the air emissions and the same shall be open for inspection to / and for use of the Board's staff. The chimney / (s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2 etc. and these shall be painted / displayed to facilitate identifications.

(v) The industry shall take adequate measures for control of noise levels From its own sources within the premises so as to maintain ambient air Quality standard in respect of noise to less than 75 DB (A) during day time and 70 DB(A) during night time. Day time is recognized in between 6 A.M. and 10 P.M and night time is reckoned between 10 p.m. and 6 a.m.

(vi) Other conditions:

- The industry shall not cause pollution nuisance in the surrounding area.
- The authority shall provide adequate water treatment & disposal facility for generated effluent from their activity. They shall comply with provisions under the Water (Prevention and Control of Pollution) Act, 1974.
- The authority shall provide adequate Air pollution control arrangement at the source. They shall comply with the provisions under the Air (Prevention and Control of Pollution) Act, 1981 and conditions prescribed.
- The remediation and restoration measures shall be taken by the project proponent in case of any environmental pollution in the surrounding area due to emission/effluent in excess of the standards being discharged/emitted in to the environment and violation of consent conditions and thereby causing environmental pollution.
- Ready mix concrete industry shall comply with the provisions under the Noise pollution (Regulation and Control) Rules, 2000, to control Noise Pollution.



f) Operation of RMC plant shall be in day time only. The Day time shall mean from 6 a.m. to 10 p.m.

6. CONDITIONS UNDER HW (MH&TM) RULES, 2008.

The industry shall not generate any type of hazardous waste.

7. The Board reserves the right to review, amend, suspend, revoke etc. this consent & the same shall be binding on the industry.
8. This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government authorities.
9. The industry shall comply with conditions as stipulated above.
10. The Capital Investment of the industry is Rs. 29.97 Lakhs.

For and on behalf of
Maharashtra Pollution Control Board



(Prashant Bhosale)

Sub Regional Officer, Solapur

To,
M/s. Dilip Buildcon Ltd.
Gat No. 41, 35/1/E/2, 41/2, 42/4/A, 42/3/A, 42/A/1,,
35/1/H, 42/6, 42/5/B, Tal. - Wagholi, Tal. - Mohol, Dist : Solapur,
Maharashtra, India.

Copy submitted to:

1. The Member Secretary, MPC Board, Mumbai.
2. The Regional Officer, MPC Board, Pune.
3. The Chief Account Officer, MPC Board, Mumbai.

Received Consent fee of -

Sr. No.	Amount (Rs.)	Transaction. No.	Date	Status
1	3000/-	TXN2002002616	27/02/2020	Successes

Copy to: - Master File.

MAHARASHTRA POLLUTION CONTROL BOARD REGIONAL OFFICE, PUNE

Phone - (020) - 25811627
Fax - (020) - 25811029
Email : ropune@mpcb.gov.in
Visit At : <http://mpcb.gov.in>



3rd Floor, "Jog Center"
Wakdevadi Mumbai-Pune Road,
Pune - 411 003.

Orange/M.S.I.

Date: 30/09/2020

Consent No: RO-PUNE/CONSENT/ 2009001293

Consent to Operate under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization / Renewal of Authorization under Rule 6 of the Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016

[To be referred as Water Act, Air Act and H& OW (M&TM) Rules respectively].

.....
CONSENT is hereby granted to

M/s. DILIP BUILDCON LIMITED.,
Gat No. 230/1/C, 230/2, 230/1/D, 230/1/B Village Hiraj,
Tal.-North Solapur Dist.-Solapur

located in the area declared under the provisions of the Water Act, Air act and Authorization under the provisions of Hazardous & Other Wastes (M&TM) Rules and amendments thereto subject to the provisions of the Act and the Rules and the Orders that may be made further and subject to the following terms and conditions:

1. The Consent to Operate is granted for a period up to: 31.03.2022
2. The Consent is valid for the manufacture of -

Sr. No.	Product Name	Maximum Quantity	UOM
1.	Crushed Stone metal & Dust	250.0	MT/Hr
2.	Wet Mix Macadam	180.0	MT/Hr
3.	Ready-mix concrete	120.0	M3/Hr

3. CONDITIONS UNDER WATER ACT:

(i) The daily quantity of trade effluent from the factory shall not exceed 2.0 M3.

(ii) The daily quantity of sewage effluent from the factory shall not exceed 0.5 M³.

(iii) **Trade Effluent:** The waste water generated from the sources like Batching Plant washing, Transit Mixer washing, Vehicle tyre washing and floor washing area shall be collected through well designed drainage system in a collection tank and the same shall be treated by comprehensive treatment system as is warranted to meet the disposal standards mentioned below.

1	pH	Between	5.5 to 9.0
2	Oil & Grease	Not to exceed	10 mg/l
3	Suspended Solids	Not to exceed	100 mg/l
4	BOD 3 Days 27 degree C	Not to exceed	30mg/l.
5	COD	Not to exceed	150 mg/l.
6	TDS	Not to exceed	2100 mg/l.

(iv) **Trade Effluent Disposal:** The treated effluent shall be reused in the process, water sprinkling system or gardening / plantation only. There should not any discharge of effluent from the plant

(v) **Sewage Effluent Treatment:** The applicant shall provide comprehensive treatment system as is warranted with reference to influent quality and operate and maintain the same continuously so as to achieve the quality of treated effluent to the following standards.

(1)	Suspended Solids	Not to exceed	100	mg/l.
(2)	BOD 3 days 27° C.	Not to exceed	100	mg/l.

(vi) **Sewage Effluent Disposal:** The treated domestic effluent shall be soaked in a soak pit, which shall be got cleaned periodically. Overflow, if any, shall be used on land for gardening / plantation only.

(vii) **Non-Hazardous Solid Wastes:**

Sr. No.	Type Of Waste	Quantity	UOM	Treatment	Disposal
1	Concrete Sludge	As generated		--	Landfill

(viii) **Other Conditions:**

- 1) Industry should monitor effluent quality regularly.
- 2) Industry shall develop green belt of local species in 1/3rd of total area.
- 3) Solid waste from transit. Mixture washing, muck generated from RMC shall either reused through recovery unit/ reclaiming system or disposed off at a designated approved site by local body for debris/construction waste.

4. The applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Cess Act, 1977 (to be referred as Cess Act) and amendment Rules, 2003 there under

The daily water consumption for the following categories is as under:

(i)	Domestic	...	1.00 CMD
(ii)	Industrial Processing-Mixing	...	20.00 CMD
(iii)	Industrial Sprinkling	...	5.0 CMD
(iv)	Agriculture / Gardening	...	2.0 CMD
(v)	Other	...	0.0 CMD

5. **CONDITIONS UNDER AIR ACT:**

- (i) The applicant shall install a comprehensive control system consisting of control equipments as is warranted with reference to generation of emission and operate and maintain the same continuously so as to achieve the level of pollutants to the following standards:

a. Control Equipment for stone crusher & Wet mix:

- 1) All Conveyor belts shall be adequately covered by G.I./M.S. sheet only & the sprinklers shall install before commencement of operations.
- 2) Screen classifier shall be adequately covered by G.I./M.S. sheet to prevent the emission into the atmosphere due to screening/grading activity.
- 3) Crusher shall be covered and water sprinkling system shall be provided on crusher to suppress the dust generated due to material handling/ loading /unloading activity.
- 4) All approach roads and ramps shall be metalled.
- 5) Curtain or wall shall be provided surrounding the sand crusher unit.
- 6) Dust containment cum suppression system shall be provided for the Equipment.
- 7) Construction of Wind breaking walls especially at charging hopper & crushing Place/VSI.
- 8) You shall develop a green belt / tree plantation along the periphery inside boundary of the stone crusher premises having minimum width of 5 meters, on all sides. The foliage of the trees shall adequately cover area up to about 20 Meter height.
- 9) You shall follow regular wetting of roads to suppress the ground level dust within the premises to control the air borne dust emission due to wind velocity.
- 10) Display board shall be provided at the entrance of stone crusher indicating survey number, name & address of owner and the unit.
- 11) Fine dust generated due to screening /crushing / grading shall be disposed off scientifically.
- 12) Dust collector system shall be provided to mixer unit.

b. Standards for Emissions of Air Pollutants:

(i) SPM	Not to exceed	The SPM measured between 3 to 10 Mtrs, from any process equipment of a stone crushing unit shall not Exceed 600 micrograms/Nm ³
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- (ii) The authority shall provide adequate Air Pollution Control arrangement at the source of RMC. They shall comply with provisions under the Air (Prevention & Control of Pollution) Act, 1981 & conditions prescribed in following A, B & C.

A) Pollution Control Measures:

(i) In-house measures:

1. All material points should be covered
2. Barricading all around the periphery of the plot boundary of height minimum 20 feet or 5 feet above free fall air emission area, whichever is higher with tin sheets. Same may be extend above with netion clothing whichever required.
3. Water sprinkling/chemical dust stabilizing agent spraying system along the periphery inside the premises of RMC
4. Tree Plantation along the periphery inside boundary of the RMC.
5. Internal work area shall be cement concreted/Asphalted
6. Daily cleaning/removal of dust accumulation inside the plant shall be carry out with industrial vacuum cleaner
7. Two level tyre washing facility shall be provided at entry and exit points for transit mixture vehicle.

(i) **Raw Material Storage:**

1. Storage silos of cement & fly ash shall be equipped with adequate capacity of dust collection system such as multi-cyclone followed by bag house assembly.
2. Handling of Cement, Sand, fly ash and aggregates shall be carried out with mechanical closed system only.
3. Manual operations shall be permitted only in closed shed, equipped with dust control system at the loading point as well as roof top secondary dust control system
4. All conveyor belt of sand, aggregates shall be covered with tin sheets and at transfer points dust collection system to be installed to avoid secondary fugitive emissions.
5. Mixing section of cement, aggregate & sand shall be equipped with adequate capacity dust collection system such as multi cyclone followed by bag house so as to limit dust emissions.
6. Storage area of sand & aggregates shall be equipped with roof top water sprinkler system.
7. The production plant interlocked with air pollution control system
8. Alternative power supply system should cover both the production & air pollution control system.

B) Control Equipment & Other measures:

- 1). Industry shall provide dust collector of sufficient capacity to control the emissions.
- 2) You shall provide wind breaking walls.
- 3) You shall develop a green belt along the periphery of unit.
- 4) You shall construct metalled roads within premises.
- 5) You shall follow regular cleaning & wetting of the ground within premises.
- 6) All the cementations material shall be stored in silos.

C). Ambient air quality at a distance of 10 mtrs from source OR the plant Boundary. Whichever is nearer, shall meet the following standards:

(i) PM10	Not to exceed	100 microgram/m ³
(ii) PM2.5	Not to exceed	60 microgram/m ³ ,

6. Standards for Stack Emissions:

- (i) The applicant shall observe the following fuel pattern:-

Sr. No.	Type Of Fuel	Quantity	UOM
1	Diesel	150	Ltr/Hr

- (ii) The applicant shall erect the chimney(s) of the following specifications:-

Sr. No.	Chimney Attached To	Height in Mtrs.
1	DG set 500 KVA	5.0 mtrs above roof
2	DG set 400 KVA	4.0 mtrs above roof
3	DG set 320 KVA	4.0 mtrs above roof
4	DG set 250 KVA	3.5 mtrs above roof

- (iii) The applicant shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.
- (iv) The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB(A) during day time and 70 dB(A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.
- (v) **Other Conditions:**
- 1) The industry should not cause any nuisance in surrounding area.
 - 2) The industry should monitor stack emissions and ambient air quality Regularly.

7. CONDITIONS UNDER HAZARDOUS AND OTHER WASTES (MANAGEMENT & TRANSBOUNDRY MOVEMENT) RULES, 2016:

- (i) The Industry shall handle hazardous wastes as specified below.

Sr. No.	Type of Waste	Quantity	UOM	Disposal
--NA--				

- (ii) Treatment: - NIL.

1. The authorization is hereby granted to operate a facility for collection, storage, transport & disposal of hazardous waste.
2. The industry should comply with the Hazardous & Other Wastes (M&TM) Rules, 2016.
 - a. Whenever due to any accident or gas leakage or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Collector, Directorate of Industry, Safety and Health, Police Station, Fire Brigade, Directorate of Health Services, Department of Explosives, Board and Local Body and the production process should be stopped by taking all necessary safety measures. The industry shall also monitor the emission and ensure that the emissions do not cause any harm or nuisance in the surrounding. The industry should not restart the process without permission of the Board and other statutory organization as require under the law.
 - b. The unit has to display and maintain the data online outside the factory main gate in Marathi & English both on a 6'x4' display board in the manner and the report of the compliance along with photograph shall be submitted to this office & concerned Regional Office/ Sub Regional Office.
 - c. It shall be ensured that the Hazardous waste is handled, managed & disposed of strictly in accordance with the Hazardous & Other Wastes (M&TM) Rules, 2016.

8. Industry shall comply with following additional conditions:

- i. The applicant shall maintain good housekeeping and take adequate measures for control of pollution from all sources so as not to cause nuisance to surrounding area / inhabitants.

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- ii. The applicant shall bring minimum 33% of the available open land under green coverage/ tree plantation.
 - iii. Solid waste – The non hazardous solid waste arising in the factory premises, sweepings, etc., be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal to dumping ground.
 - iv. The applicant shall provide for an alternate electric power source sufficient to operate all pollution control facilities installed by he applicant to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms & conditions of this consent regarding pollution levels.
 - v. The applicant shall not change or alter quantity, quality, the rate of discharge, temperature or the mode of the effluent / emissions or hazardous wastes or control equipment's provided for without previous written permission of the Board.
 - vi. The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous wastes to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
 - vii. The firm shall submit to this office, the 30th day of September every year, the Environmental Statement Report for the financial year ending 31st March in the prescribed Form-V as pre the provisions of rule 14 of the Environment (Protection) (Second Amendment) Rules, 1992.
 - ix. As inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
 - x. The applicant shall install a separate electric meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.
 - xi. Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes / sewers down- stream of the terminal manholes. No effluent shall find its way other than in designed and provided collection System.
 - xii. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
9. **This is issued without prejudice to any other permission required under any of the laws, by-laws or regulations in force.**
10. **The Consent should not be construed as exemption from obtaining necessary NOC from any other Government agencies as may deem fit necessary.**
11. **This Board reserves the right to add / amend / revoke any condition in this consent and the same shall be binding on the applicant.**
12. **Industry shall not cause nuisance to the surrounding area, if such condition occurs industry voluntarily stop the production activity.**
13. **Operation of RMC plant shall be in day time only. The Day time is reckoned in between 6 am to 6 pm.**

14. This consent is issued for stone crushing unit only & industry shall obtain Environmental Clearance for Stone Quarry from competent authority.
15. The RMC should follow the directions issued in the Notification by Govt. Maharashtra vide no. MPCB/AS(T)/TB/B-4363 Dated 16/10/2016.
16. The industry shall operate their unit after obtaining consent to operate only. Industry shall submit Bank Guarantee of Rs 50,000/- (Rs. Fifty Thousand Only) valid for one year, within 15 days, in favour of Regional Officer Pune, towards not to violate environmental laws.
17. The applicant shall obtain consent to operate before starting actual commercial production.
18. Industry shall submit Bank Guarantee of Rs 2,00,000/- (Rs. Two Lakh Only) valid upto 31.07.2020, within 15 days, in favour of Regional Officer Pune, towards ensure the compliance of consent conditions.
19. The proposed Capital investment of the industry is Rs. 449.98 Lakh.



For AND ON BEHALF OF M.P.C. BOARD

[Signature]

(Dr. J. B. Sangewar)
Regional Officer, Pune

To,

M/s. DILIP BUILDCON LIMITED.,

Gat No. 230/1/C, 230/2, 230/1/D, 230/1/B Village Hiraj,

Tal.-North Solapur Dist.-Solapur

Copy to:

1) Sub-Regional Officer, MPCB, P - I / P - II / P.C. / Satara / Solapur.

2) Chief Accounts Officer, MPCB, Mumbai

Received Consent fee of -

Sr. No.	Amount (Rs.)	Transaction No.	Date
1	15000.00	TXN2002002614	27-02-2020
2	15000.00	TXN2009001906	13-09-2020

- वाचले:- 1) मृद व जलसंधारण विभाग यांचेकडील शासन निर्णय क्रमांक-2016/ प्र.क्र.227/जल-1 दि.29/11/2017.
 2) कार्यकारी अभियंता, भीमा पाटबंधारे विभाग, पंढरपुर यांचेकडील पत्र जा.क्र.भीपावि/प्रशा-1/ 1696/2020 दि.09.07.2020
 3) प्रोजेक्ट डॉयरेक्टर, राष्ट्रीय महामार्ग प्राधिकरण, सोलापूर यांचेकडील पत्र क्र.NHAI/SLP/NH-166/ ROYALTY/2020-21/1114 दि.13.07.2020.



मा.अपर मुख्य सचिव, महसुल यांचेकडील अ.शा.पत्र क्र.गौखनि-10/0219/प्र.क्र.09/ख-1, दि.18.03.2020
 अ) कार्यालयीन मंजूर टिपणी दिनांक 17 / 07 /2020.

जिल्हाधिकारी कार्यालय सोलापूर
 क्र.मशा/कार्या.2/गौख/आरआर- 1149 /2020
 सोलापूर दिनांक:- 22 / 07 / 2020

विषय:- राष्ट्रीय महामार्गाच्या विकास कामासाठी आवश्यक असणाऱ्या तलाव / कालवा / पाझर तलाव
 मधुन मुरुम / दगड याकरिता जलसंधारणाच्या उपचारांची सांगड घालणेबाबत मुरुम / दगड
 उत्खननास परवानगी मिळणेबाबत.

मृद व जलसंधारण विभाग, महाराष्ट्र शासन, यांचेकडील शासन निर्णय दिनांक 29 नोव्हेंबर 2017 अन्वये राष्ट्रीय महामार्गाच्या कामासाठी तलावातुन विनामूल्य गौणखनिज (माती / मुरुम / दगड) उत्खनन करुन राष्ट्रीय महामार्गाच्या विकास कार्यक्रमाशी सांगड घालण्याच्या प्रस्तावास शासनाकडून निर्देश प्राप्त झाले आहे.

संदर्भ क्र. 2 कार्यकारी अभियंता, भीमा पाटबंधारे विभाग, पंढरपुर यांचेकडील पत्र जा.क्र.भीपावि/प्रशा-1/1696/2020 दि.09.07.2020 अन्वये मौजे.तळसंगी व डोंगरगाव या ल.पा. तलावाचे रुंदीकरण व खोलीकरण वाढण्यासाठी सदर तलावातील मुरुम दिलीप बिल्डकॉन लि. यांनी केलेल्या विनंतीनुसार मुरुम उचलणेस हरकत नाही असे इकडील कार्यालयास कळविले आहे.

संदर्भ क्र.3 प्रोजेक्ट डॉयरेक्टर, राष्ट्रीय महामार्ग प्राधिकरण, सोलापूर यांचेकडील पत्र क्र.NHAI/SLP/NH-166/ROYALTY/2020-21/1114 दि.13.07.2020. रोजीच्या पत्रान्वये मंगळवेढा तालुक्यातील ल.पा.तलाव तळसंगी (जुना), ल.पा.तलाव तळसंगी (नवा), ल.पा तलाव डोंगरगाव या ल.पा.तलाव मधील गाळ/मुरुम/दगड राष्ट्रीय महामार्गाच्या कामासाठी उत्खनन करणेस परवानगी मिळणेबाबत विनंती केली आहे.

शासन निर्णय दि.29 नोव्हेंबर 2017 अन्वये मोठ्या प्रमाणात जलसंधारणाचे /मृदसंधारणाचे उपचार करण्यात येत आहे. तसेच नाला खोलीकरण/ रुंदीकरण, नाल्यातील गाळ काढणे यांचे देखील काम मोठ्या प्रमाणात हाती घेण्यात आले असुन केंद्र शासनाच्या रस्ते वाहतूक व महामार्ग मंत्रालयमार्फत राबविण्यात येत असलेल्या महामार्ग विकास कार्यक्रमासाठी आवश्यक असलेली माती/मुरुम/दगड याकरिता जलसंधारणाच्या उपचारांची सांगड घालणेबाबत निर्देश दिले आहे.

दि.29 नोव्हेंबर 2017 च्या शासन निर्णयानुसार प्रस्तावित केलेल्या रस्त्याच्या लागतच्या तलावातुन मुरुम/दगड उत्खनन केलेस उक्त तलावात एकुण 1,76,678 ब्रास मुरुम/दगड उपलब्ध होणार असुन त्यामुळे सदरच्या तलावाची पाण्याची क्षमतेमध्ये वाढ होण्यास मदत होणार आहे. तसेच तलावातुन मुरुम/दगड/ गाळ काढुन त्यांची पुनरुज्जीवन होणार मदत होणार आहे. आणि उक्त उपयोगात नसलेले मुरुम/दगडाची उक्त रस्त्याच्या कामाकरिता उपयोगात येणार आहे. तसेच तलावातुन मुरुम/दगड/ गाळ काढुन त्यांची पुनरुज्जीवन होण्यास मदत होणार असुन तलावात उपयोगात नसलेले मुरुम/दगडाची रस्त्याच्या कामाकरिता उपयोगात येणार असल्याने याचा दुहेरी फायदा होणार आहे.

त्यानुषंगाने राष्ट्रीय महामार्गालगत किंवा परिसरामध्ये असणाऱ्या तलावामधून खालील तक्त्यात नमुद केलेप्रमाणे :
/ खोली / नमुद ब्रास इतकेच मुरुम उत्खनन करणेस खालीलप्रमाणे अटी व शर्ती 1 ते 17 व उक्त संदर्भ क्र.1 शा
निर्णयातील अटी व शर्तीस अधीन राहून गौणखनिज (मुरुम / दगड) उत्खनन करणेस या आदेशाद्वारे मान्यता देणेत येत आ

अ. क्र.	उपयुक्त रस्ताचे नाव	तलावाचे नाव	उत्खननास उपलब्ध क्षेत्र (हेक्टर मध्ये)	उत्खननास उपलब्ध खोली (मी मध्ये)	अंदाजित परिमाण (मुरुम/दगड) घनमीटर मध्ये	अंदाजित परिमाण (मुरुम/दगड) ब्रासमध्ये
1	2	3	4	5		6
1	मंगळवेढा ते सोलापूर (NH-166)	ल.पा.तलाव तळसंगी (जुना),	--	--	2,00,000	70,671
		ल.पा.तलाव तळसंगी (नवा),	--	--	1,00,000	35336
		ल.पा तलाव डोंगरगाव		--	2,00,000	70,671
एकुण					5,00,000	1,76,678

- 1) प्रकल्प संचालक, राष्ट्रीय महामार्ग प्राधिकरण, सोलापूर यांनी वरील तक्त्यात नमुद तलावातून संबंधित कार्यकार अश्विंता यांनी निश्चित केलेल्या खोलीपर्यंत उत्खनन करण्याची व निश्चित परिमाण एवढेच मुरुम काढण्याची दक्षत घ्यावी. सदर प्रक्रियेमध्ये उत्खनन करताना वाळू उपलब्ध झाल्यास वाळूचे उत्खनन करता येणार नाही व तसे या कार्यालयास कळविणेत यावे.
- 2) या कार्यालयाकडून प्राप्त होणाऱ्या आदेशानुसार जलसंधारण कामाशी संबंधित यंत्रणेने तसेच प्रकल्प संचालक, राष्ट्रीय महामार्ग प्राधिकरण, सोलापूर (NHAI) यांच्यासोबत सामंजस्य करार करावा व सर्व संबंधितांची अंमलबजावणी योग्य प्रकारे समन्वय साधणेबाबत कार्यवाही करावी.
- 3) प्रकल्प संचालक, राष्ट्रीय महामार्ग प्राधिकरण, सोलापूर (NHAI) यांच्यासोबतच्या सामंजस्य करारामध्ये प्रामुख्याने नवीन शेततळी खोदणे किंवा अस्तित्वातील शेततळ्यामध्ये गाळ काढणे, नाला खोलीकरण / रुंदीकरण करणे, नाल्यातील / साठवण तलाव / पाझर तलावातील माती / मुरुम / दगड काढणेबाबतची जबाबदारी ही संबंधित कंत्राटदार/ठेकेदार यांची राहिल. सदरचे काम संबंधित राष्ट्रीय महामार्गाचे काम करणारा कंत्राटदार/ठेकेदार हा गौणखनिज (माती / मुरुम / दगड) वाहतूक/उत्खनन स्वखर्चाने करेल. सदर गौणखनिजाचा वापर त्यांना रूर केलेल्या राष्ट्रीय महामार्गाच्या कामासाठी करणेत येईल व अशा गौणखनिजांची विक्री किंवा वापर इतर कोणत्याही प्रयोजनासाठी करता येणार नाही. खोदकामाच्या ठिकाणापासून पोहोच रस्ता उपलब्ध नसल्यास असा पोहोच रस्ता तयार करण्याची जबाबदारी संबंधित कंत्राटदाराची राहिल. खोदकामात तसेच वाहतूकीबाबत शासनाच्या प्रचलित नियमांचे अनुपालन करणेची जबाबदारी संबंधित कंत्राटदाराची राहिल.
- 4) जलसंधारण कामाबाबतची संबंधित कार्यान्वयन यंत्रणा व क्षेत्रीय महसूल कर्मचाऱ्याच्या उपस्थितीत सदर जागेची मोजणी करून सीमांकन करणेत यावे. सीमांकन केलेल्या क्षेत्रामध्येच कंत्राटदाराने उत्खनन करणे बंधनकारक राहिल. सीमांकन केलेल्या क्षेत्राबाहेर संबंधित कंत्राटदाराने उत्खनन केल्यास संबंधित कंत्राटदार/ठेकेदार महसूल अधिनियम 1966 चे कलम 47 (7) (8) व इतर तरतुदी अन्वये दंडात्मक कारवाईस पात्र राहिल.
- 5) सदर गौणखनिज राष्ट्रीय महामार्गाच्या कामासाठी विनामूल्य देण्यात येणार असल्याने, या गौणखनिजाची वाहतूक करणेसाठी महसूल विभागाकडील वाहतूक परवान्याची आवश्यकता नाही. तथापि, या गौण खनिजांची वाहतूक उक्त रस्त्याची कामासाठी होत असल्याची पडताळणी करण्याच्या दृष्टीने वाहतूक परवाने संबंधित कार्यान्वित यंत्रणा

म्हणजेच राष्ट्रीय महामार्ग प्राधिकरण (NHAI) निर्गमित करेल. अशा वाहतूक परवान्यामध्ये गौण खनिजाचे उत्खननाचे ठिकाण, वापर करण्यात येणारे ठिकाण (राष्ट्रीय महामार्गाचे कि.मी. क्रमांक, (chainage), ठेकेदाराचे नाव, वाहतूक करण्यात येणाऱ्या गौणखनिजाचे नाव, परिमाण, दिनांक व वेळ, याबाबींचा समावेश करण्यात यावा. गौणखनिजाची वाहतूक करताना मूळ वाहतूक परवाना वाहनासोबत ठेवण्यात यावा व वापराच्या ठिकाणी गौणखनिज उतरून घेतलेनंतर सदर वाहतूक परवाना संबंधित कार्यकारी अभियंता यांनी ताब्यात घेऊन रद्द करावा. कार्यान्वयन यंत्रणेने निर्गमित केलेले परवाने संबंधित कार्यकारी अभियंता यांनी स्वतःचे ताब्यात घेऊन तसा अहवाल जिल्हाधिकारी कार्यालयास सादर करावा.

- 6) जलसंधारणाची कामे पूर्ण झालेनंतर संबंधित तालुक्याचे तहसीलदार यांनी महसूल यंत्रणेने प्रकल्प संचालक, राष्ट्रीय महामार्ग प्राधिकरण, सोलापूर (NHAI), संबंधित शेतकरी व यंत्रणेचे प्रतिनिधी यांच्या समक्ष खोदकामाची मोजणी करणेत यावी. यामध्ये मंजूर खोलीपेक्षा जास्त खोल व मंजुरीपेक्षा जास्त खोदकाम झाल्याचे आढळून आल्यास, ठेकेदाराची ही कृती प्रकल्प संचालक, राष्ट्रीय महामार्ग प्राधिकरण, सोलापूर (NHAI), यांचेशी संबंधित क्षेत्रीय अभियंत्यांच्या निदर्शनास लेखी आणून गौणखनिज उत्खननापोटी / वापरापोटी वाढीव स्वामित्वधनाची रक्कम 30 दिवसाच्या आत शासनजमा करण्याबाबत संबंधित ठेकेदारास विनाविलंब कळविणेत यावे. संबंधित ठेकेदाराने 30 दिवसाच्या आत गौणखनिजाच्या वाढीव उत्खननापोटी/वापरापोटी स्वामित्वधनाची रक्कम शासनजमा करावी. संबंधित ठेकेदाराने 30 दिवसाच्या आत गौणखनिजाच्या वाढीव उत्खननापोटी / वापरापोटी स्वामित्वधनाची रक्कम शासनजमा न केल्यास संबंधित ठेकेदार महाराष्ट्र जमीन महसूल अधिनियम 1966 च्या तरतुदीनुसार व शासनाच्या धोरणाप्रमाणे दंडात्मक कारवाईस पात्र राहील.
- 7) जलसंधारणाच्या कामामधून महामार्गाच्या कामासाठी किती गौणखनिजाच्या वापर करण्यात आला आहे. याबाबतचे उपयोगिता प्रमाणपत्र प्रकल्प संचालक, राष्ट्रीय महामार्ग प्राधिकरण, सोलापूर (NHAI) यांच्या संबंधित कार्यकारी अभियंता यांनी जिल्हाधिकारी कार्यालयास मागणी केलेनंतर सादर करणे आवश्यक राहील.
- 8) सदर ठिकाणी उत्खननापूर्वी संबंधित कंत्राटदार / ठेकेदाराला ताबा देणेपूर्वी तलाव/पाझर तलावामध्ये किती मुरुम उपलब्ध आहे त्याबाबत पंचनामा करावा तसेच उत्खनन पूर्ण झालेनंतर पुनश्च सदर जागेमध्ये झालेल्या उत्खननाची लांबी, रुंदी, खोली यांचा उल्लेख करून पंचनामा करावा मोजणीअंती मंजूर परिमाणापेक्षा जास्त उत्खनन झालेले असल्यास उक्त शासन निर्णय दि.29.11.18 मधील परिच्छेद क्र.8 मध्ये नमुद केलेनुसार कारवाई करणेची जबाबदारी ही संबंधित तहसिलदार यांची राहील.
- 9) तलावातून गौणखनिज माती / मुरुम / दगड उत्खनन करताना उक्त तलावाची संरचना (Structure) अबाधितपणे राहणे हे अत्यंत महत्वाचे आहे. त्या तलावातून गौणखनिजाचे चोरी / तक्रारी होणार नाही. तसेच तलावाच्या मूळ हेतूस कोणत्याही स्वरूपाची हानी अथवा बाधा पोहचणार नाही याची खबरदारी कार्यान्वयीन यंत्रणेने घ्यावी. तसा काही धोका अथवा हानी झालेस संबंधित कार्यान्वीन यंत्रणेने पुढील कार्यवाही त्वरीत करावी.
- 10) संबंधित कार्यकारी अभियंता, कंत्राटदार यांनी उत्खननाबाबत व वापराबाबतचे सर्व अभिलेख जिल्हाधिकारी कार्यालयास मागणीनंतर सादर करावेत.
- 11) नमुद तलावातून गौणखनिजाचे उत्खनन व वाहतूक करताना नुकसान/दुर्घटना/ अपघात झाल्यास त्याचे नुकसान देणेचे दायित्व व कायदेशीर उपाययोजनेची जबाबदारी संबंधित कार्यान्वयीन यंत्रणा तसेच कंत्राटदार यांचेवर राहील.
- 12) वर नमुद अटी/शर्तीचा भंग झालेस तसेच गंभीर स्वरूपाच्या तक्रारी निष्पन्न झालेस सदर आदेश रद्द करणेस पात्र राहील, व संबंधित ठेकेदार कायदेशीर कारवाईस पात्र राहील.
- 13) उक्त ठिकाणावरून उत्खनन केलेल्या गौणखनिजाचा वापर केवळ राष्ट्रीय महामार्गाच्या कामासाठी करावयाचा असून संबंधिताकडून सदर गौणखनिजाचा वापर कोणत्याही परिस्थितीत इतर व्यवसायिक प्रयोजनासाठी होणार नाही याची दक्षता संबंधित प्रकल्प संचालक, राष्ट्रीय महामार्ग प्राधिकरण, सोलापूर यांनी वेळोवेळी घ्यावी. तसे झाल्याचे

निदर्शनास आल्यास भविष्यात होणाऱ्या परिणामास प्रकल्प संचालक, राष्ट्रीय महामार्ग प्राधिकरण, सोलापूर व संबंधित कार्यकारी अभियंता तसेच संबंधित कंत्राटदारास जबाबदार धरणेत येईल.

- 14) संबंधित कार्यान्वयीन यंत्रणा यांचेकडून आदेशीत करण्यात येणाऱ्या तलावातील प्रत्यक्ष ज्या ठिकाणी उत्खनन करावयाचे आहे त्या क्षेत्राच्या सीमांकनाची नकाशावर व प्रत्यक्ष जागेवर निश्चिती करून या कार्यालयास नकाशा व छायाचित्रासह सादर करणेचे अटीवर सदरचा आदेश देणेत येत आहे. (क्षेत्राची लांबी, रुंदी, खोली इ.)
- 15) जिल्हा जलसंधारण अधिकारी, जि.प.सोलापूर यांनी खोदकाम / उत्खननापुर्वीची मोजमापे व उत्खनन सुरु असताना व पूर्ण झाल्यानंतर वेळोवेळी मोजमापे व छायाचित्र/ फोटो घेण्याची दक्षता घ्यावी व ठरवून दिल्याप्रमाणे व मंजूर परिमाणाचे उत्खनन होईल यावर नियंत्रण ठेवावे.
- 16) कार्यान्वयीन यंत्रणा, जलसंधारण विभाग व संबंधित तालुक्याचे तहसीलदार यांनी होणाऱ्या उत्खननाबाबत व संबंधित कंत्राटदार त्यांना दिलेल्या अटीवर व शर्तीचे पालन करतात अगर कसे याबाबत वेळोवेळी प्रत्यक्षरित्या पहाणी करावी व त्याबाबतचा अहवाल प्रकल्प संचालक, (NHAI) यांचेमार्फत या कार्यालयाकडे सादर करावा.
- 17) सदर आदेश व त्यामध्ये नमूद अटी व शर्तीचा संबंधित कंत्राटदार यांचेकडून भंग होणार नाही याबाबतची संपूर्ण जबाबदारी ही कार्यकारी अभियंता, भीमा पाटबंधारे विभाग, पंढरपुर, तहसीलदार, प्रकल्प संचालक, राष्ट्रीय महामार्ग प्राधिकरण, सोलापूर (NHAI) आणि संबंधित कंत्राटदार यांची राहिल.

सही/***

(संजीव जाधव)

अपर जिल्हाधिकारी, सोलापूर.

प्रति:- प्रकल्प संचालक, राष्ट्रीय महामार्ग प्राधिकरण, (NHAI) सोलापूर.

उक्त तलावातून गौणखनिज (मुरुम/दगड) उत्खनन व वाहतूक करताना तलावाच्या सुरक्षितता अबाधित रहावी आणि त्या तलावास कोणत्याही स्वरूपाची हानी अथवा बाधा पोहोचणार नाही याची वेळोवेळी तपासणी आपल्या कार्यकारी अभियंता यांचेमार्फत करणेची जबाबदारी आपली राहिल. तसेच तलावातून गौणखनिज (मुरुम / दगड) कार्यकारी अभियंता, भीमा पाटबंधारे विभाग, पंढरपुर यांनी दिलेल्या खोलीपर्यंत उत्खनन तसेच मंजूर परिमाणापेक्षा जास्त उत्खनन होणार नाही व मंजूर केलेल्या कारणासाठीच त्याचा वापर करणेत येईल याची वेळोवेळी तपासणी करणेची जबाबदारी आपली राहिल.

प्रत:- तहसिलदार मंगळवेढा

संबंधित कंत्राटदार / ठेकेदार यांना देणेत आलेल्या तलावातून गौणखनिज (मुरुम / दगड) कार्यकारी अभियंता, भीमा पाटबंधारे विभाग, पंढरपुर यांनी दिलेल्या खोलीपर्यंत उत्खनन तसेच मंजूर परिमाणापेक्षा जास्त उत्खनन होणार नाही याची वेळोवेळी तपासणी करणेची जबाबदारी आपली राहिल.

प्रत:- कार्यकारी अभियंता, भीमा पाटबंधारे विभाग, पंढरपुर

संबंधित कंत्राटदार / ठेकेदार यांना देणेत आलेल्या तलावातून गौणखनिज (मुरुम/दगड) दिलेल्या खोलीपर्यंत उत्खनन तसेच मंजूर परिमाणापेक्षा जास्त उत्खनन होणार नाही तसेच या आदेशात दिलेल्या अटी व शर्तीचे पालन करण्याची जबाबदारी जिल्हा जलसंधारण अधिकारी यांची राहिल.

तसेच उक्त तलावातील प्रत्यक्ष उत्खनन करावयाच्या क्षेत्राची लांबी, रुंदी, खोली इ.बाबत संबंधित कार्यान्वयीन यंत्रणा यांचेकडून प्रत्यक्ष जागेवर तसेच त्याबाबत नकाशावर सीमांकन करून व त्यानुसार तहसीलदार यांचे समक्ष पंचनामा करून उत्खनन करणेकामी संबंधितांना ताबा देणेत यावे व त्यानुसार अहवाल या कार्यालयास सादर करावा.

मा.जिल्हाधिकारी यांचे मान्यतेने



(संजीव जाधव)

अपर जिल्हाधिकारी, सोलापूर.