ENVIRONMENTAL CLEARANCE

PARIVESH

(Pro-Active and Responsive Facilitation by Interactive, and Virtuous Environmental Single-Window Hub)

Government of India
Ministry of Environment, Forest and Climate Change
(Issued by the State Environment Impact Assessment Authority(SEIAA), Orissa)

To,

The Executive Engineer senior Project Manager
ODISHA BRIDGE & CONSTRUCTION CORPORATION LIMITED (OB&CC)
Senior Project Manager , OB And CC Limited, Cuttack Near Quality Control Division, OMP Square, college square, Dist-Cuttack -753003

Subject: Grant of Environmental Clearance (EC) to the proposed Project Activity under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC) in respect of project submitted to the SEIAA vide proposal number SIA/OR/MIS/70123/2021 dated 19 Dec 2021. The particulars of the environmental clearance granted to the project are as below.

1.	**EC Identification No.**	**EC22B039OR175894**
2.	**File No.**	70123/64-MIS/12-2021
3.	**Project Type**	New
4.	**Category**	B1
5.	**Project/Activity including Schedule No.**	8(b) Townships and Area Development projects.
6.	**Name of Project**	Redevelopment of Sriram Chandra Bhanja (SCB), medical college & Hospital(Phase-1), Cuttack, Odisha
7.	**Name of Company/Organization**	ODISHA BRIDGE & CONSTRUCTION CORPORATION LIMITED (OB&CC)
8.	**Location of Project**	Orissa
9.	**TOR Date**	16 Sep 2021

The project details along with terms and conditions are appended herewith from page no 2 onwards.

Date: 17/01/2022

(e-signed)
Sri Susanta Nanda
Member Secretary
SEIAA - (Orissa)

Note: A valid environmental clearance shall be one that has EC identification number & E-Sign generated from PARIVESH.Please quote identification number in all future correspondence.

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सत्यमेव जयते

STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY
ODISHA, BHUBANESWAR

(Constituted under the EP Act, 1986 and EIA Notification, 2006 by the MoEF & CC, Govt. of India)
5RF-2/1, Unit-IX, Bhubaneswar-751022, Tel: 0674-2541029, E-mail-seiaaorissa@gmail.com

Letter No _____ *Dt.* _____

SEIAA File No. SIA/OR/MIS/70123/2021

Project: Proposal for 'Redevelopment of Sri Ram Chandra Bhanja (SCB), Medical College & Hospital (Phase-1), Cuttack', over an area 136.36 ac or 55.18 ha having built up area (Existing + Proposed) = 7,81, 081. Sq.m by M/s. Odisha Bridge & Construction Corporation Limited (OB & CC) -Environmental Clearance reg.

Ref: Your online application dated 19.12.2021 for grant of EC along with submission of detailed EIA report vide File No: SIA/OR/MIS/70123/2021.

Sir,

This has reference to your proposal submitted to State Level Environment Impact Assessment Authority (SEIAA, Odisha) for grant of Environmental Clearance (EC) in terms of the Environmental Impact Assessment (EIA) Notification, 2006 under the Environment (Protection), Act, 1986, and their amendments. The project falls under category "B" and activity "8(b), i.e. Townships and Area Development projects" under the EIA Notification.

2). The proposal for grant of environmental clearance to the project "Redevelopment of Sri Ram Chandra Bhanja (SCB), Medical College & Hospital (Phase-1), over an area 136.36 ac or 55.18 ha having built up area (Existing + Proposed) = 7,81, 081. Sq.m at Cuttack by M/s. Odisha Bridge & Construction Corporation Limited (OB & CC)" has been appraised by State Expert Appraisal Committee (SEAC) and considered in its meeting held on 22.12.2021 on the basis of the documents enclosed with the application, namely Form-1, Form-IA, Conceptual Plan (EMP), taking into account the clarifications & documents further submitted by the project proponent.

3. The features are as follows:-

i) The project location is at Latitude-20° 28'48.59"N to 20° 28'10.44"N and Longitude-85°53'51.58"E to 85°53'26.64"E on plot no- 142 to 651 Mangalabag (full or part) 1831 to 1853 Buxi Bazar. The Project site can be seen on the Survey of India Toposheet Nos. F45T15 & F45T16.

ii) The project is redevelopment (Expansion). The Hospital is in operation since 1875 and regular consent to operate is being obtained from SPCB, Odisha.

iii) The total plot area is **5,51,829.342 sqm** (136.36 ac or 55.18 ha) and total construction (built up area) is **7,81,081.48 sqm**. The extent of existing and proposed built up area is as follows:

Items	Existing	Proposed	Total
Built up Area (sqm)	1,54,930.09 Sqmt	6,26,151.39 Sqmt	7,81,081.48 Sqmt

iv) The re-development plan broadly include construction of 3500 bedded Multi Speciality Hospital, Research facilities, Residential Block, Hostel Block, Guest House with Ancillary Infrastructure like play grounds, parking facilities, open landscaped spaces, five nos. of entry / exit points and traffic circulation plan, amenities and services for patients and visitors, extensive waiting area, dormitory, Aahaar Kendra etc.

v) The water requirement is proposed to be met through WATCO supply. During construction phase, total water requirement of the project 125 KLD which will be met by WATCO tanker supply. No underground water is proposed to be tapped during this phase. During the construction phase, soak pits and septic tanks will be provided for disposal of waste water.

vi) During operation phase, total water requirement is projected to be 5341 KLD, which is proposed to be met by 3721 KLD fresh water from WATCO supply and 1620 KLD recycled water from STP. There is scope for reduction of water requirement by minimizing consumption. Waste water generation will be 1700 KLD which will be treated in STP and separate ETP. The total capacity of STP and ETP will be 1700 KLD capacity. 1620 KLD of the treated waste water will be recycled and for use in flushing (585 KLD), landscaping (155 KLD) and 1200 KLD for HVAC water requirement. Rigorous efforts shall be made to minimize intake of water for consumption, and to see that no amount of treated waste water is be disposed of outside the campus.

vii) The solid waste generated from the premises is estimated to be approx. 12,313 kg/day. Arrangements will be made at the site for disposal in accordance with Municipality Solid Waste (Management and Handling) Rules, 2016. The Solid waste of the project will be segregated into Bio medical and Municipal waste. The Municipal waste is to be further segregated into bio-degradable and non-biodegradable. The bio-degradable waste will be utilized for onsite composting at micro-composting pits at selected spots, and the non-biodegradable waste has to be utilized for recycling and land filling. The bio-medical waste of 932.4 kg/day generated from the premises will be disposed off to authorized vendor strictly as per CPCB guidelines.

viii) **Electric Power**: Total demand load is 26.1 MVA out of which 5.7% (i.e. 1.488 MVA) load is proposed to be generated by Solar Photo voltaic Cells. Total grid power saved will be 5.7% of the total power consumption. Total 18 Nos. DG sets each of 2000 kVA capacity have been proposed for power back up purpose. Out of the18 DG sets,13 DG sets can generate the required peak power in case of power failure at the campus.

ix) Rooftop rain water will be harvested through 135 nos. of rain water harvesting pits.

x) Parking facility for four wheelers and two wheelers-,20,523.85 sq.mt (Basement, Stilt and Surface Parking).

xi) Green belt development is earmarked over 132454.77 sqm and 3120 nos. of trees shall be planted and grown with cent percent survival within the premises, which, in when grown to mature trees, will act as the lungs of the medical campus. Some more planting shall be carried out dispersed along the avenues, near the parking areas, by the composting sites, near the play grounds and hostels, etc. All trees shall be semi-evergreen, leafy species. Stunted and malformed trees shall be replaced by trees with good bole and crown.

xii) Expected timeline for completion of the project is 2.5 years and the manpower required during the construction phase will be 2200 nos.

xiii) Investment in the project is Rs. 4286 Crores, out of which EMP cost is Rs. 32.11 Cr. and O & M per year is Rs. 9.10 Cr.

xiv) Benefit of the project-The Shri Ram Chandar Bhanja (SCB) Medical College established in 1875 at Cuttack. Caters to all 30 districts of Odisha and to patients from neighboring states. The Hospital is proposed to be expanded from present 2086 nos. beds to 3500 nos. of indoor beds. The project will generate employment opportunities on significant scale.

4. The Terms of Reference (ToR) were granted by SEIAA vide letter no.2696/SEIAA dated 16th September, 2021, and additional ToR was granted vide Letter No: 2870/SEIAA dated 23rd September, 2021 and vide SEAC letter dated 8th November, 2021. Detailed EIA study report as per ToR issued has been submitted by the PP in online mode on date 19.12.2021 with application for EC.

5. The State Environment Impact Assessment Authority (SEIAA), Odisha on considering the details EIA study report, and appraisal report of SEAC, hereby accords Environmental Clearance to the project valid for a period of 7 years under the provisions of EIA Notification 2006 and subsequent amendments thereto, subject to strict compliance of all the conditions stipulated below.

Part A - Specific Conditions:

5.1 The Project Proponent shall ensure that the guidelines issued by MoEF & CC, Govt. of India vide OM No. 19-2/2013-IA. III dated 09.06.2015 for building and construction projects are followed to ensure sustainable environmental management of the existing institutional, hostel and hospital buildings, in pursuance of Notification No. 3252 (E) dated 12.12.2014.

5.2 The scope of the Environmental Clearance to the project under the EIA Notification, 2006 does not absolve the Project proponent from the statutory obligation to obtain all necessary approvals/clearances under any Act/Regulation or Statue as applicable to the project activities.

5.3 The project proponent shall ensure that the guidelines issued by MoEF & CC regarding dust mitigation measures for construction and demolition activities in projects requiring Environmental Clearance, vide Notification G.S.R. 94 (E) dated 25.01.2018, are meticulously observed.

5.4 The Project proponent shall ensure that the facility fulfils all the provisions of hazardous and other waste (Management and transboundary movement) Rules, 2016 and the Protocol for 'Performance Evaluation and Monitoring' of the said compliance as published by CPCB; as also the revised guidelines issued by CPCB for Common Bio-Medical Waste Treatment and Disposal Facility.

5.5 As proposed, all the fresh water requirement is to be met from WATCO supply, and shall not exceed 3721 KLD during the operation phase. The project proponent shall install water meter at all points of intake from source to measure the quantum of water use on daily basis, and keep record of the same.

5.6 *The waste water shall be treated in two nos. of STP of capacity 300 KLD & 1325 KLD respectively. There shall be a separate (not inter connected with STP) ETP of 75 KLD capacity for treatment of bio-medical liquid waste. All treated waste water will be used within the campus for flushing, gardening, cooling and washing. As proposed, no treated/untreated effluent shall be discharged outside the premises. The proponent shall operate the STP and ETP separately as standalone systems and these shall not be inter-connected. Existing ETP outlet of present SCBMCH shall be disconnected from the tank, to which presently domestic effluents are put and discharged to outside drain without treatment. This tank shall be connected to any one of the two STPs proposed under expansion.*

5.7 As proposed, 135 nos. of rain water harvesting recharge pits shall be provided for harvesting of maximum amount of rain water falling on roof tops and within the premises. There shall be separate storm water drains to ensure zero stagnation and water logging during the rains. The outlet points of all storm water draining outside shall be marked on the map. The storm water drains shall be completely separate from any STP/ETP inlet, outlet, recycling water channels.

5.8 The project proponent shall minimize tree felling and may cut any tree with prior approval from Forest Dept. The landscape planning should include plantation of native fruit bearing / medicinal species, preferably with heavy foliage, broad canopy. Water intensive and/or invasive species should not be used for landscaping. The project proponent shall maintain a register of the trees planted.

5.9 Segregated bio-degradable waste shall be composted in organic waste Converter. Adequate area shall be provided for solid waste management within the premises which will include area for segregation and composting. The bio-non degradable (inert) waste from the project activities shall be sent to designated/authorized landfill sites.

5.10 As committed, minimum 5.7% electrical grid power saving shall be achieved through Solar Photo voltaic Cells. The Project proponent shall use Energy efficient Electro-Mechanical Equipments, LED lights double insulated glass, wall & Roof insulation for saving more and more energy.

5.11 The proponent shall have the provision for installation of Incinerator of adequate capacity and design to handle infectious bio-medical waste, and waste hazardous to health in a hospital of this size, in addition to using existing Incineration.

5.12 The space available in North-East side of the proposed redevelopment area located near Jobra barrage water front area may be freed of the electrical Substation presently there, which may be shifted from the said location. A electric vehicle battery charging point may be provided at the parking area to promote use of vehicles based on green fuel.

5.13 Parking space may be provided in between the space between the adjacent 04 hospital blocks for two wheelers only, leaving clear space for internal road between the adjacent blocks.

5.14 Regular Environment Management Cell with technically trained competent personnel shall be in position for the expansion project of SCBMCH within a year at the most.

5.15 The PP and/ or the appropriate authority for the purpose shall fully comply with all the conditions of this EC and if anything is found otherwise, the EC granted shall be liable to be revoked besides taking action as deemed proper under law.

5.16 The Campus of the whole project area shall be provided with pucca boundary wall with an intention to protect the Green Belt, Parking area, treatment Plants, Energy Conservation Equipments etc. stipulated herein.

5.17 Consent to Establish/Operate for the project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974.

5.18 A Sub-Committee of SEAC may visit the site at six monthly intervals to verify the status of compliance of these and others conditions of EC.

Natural Drainage

5.19 The natural drainage system should be maintained for clearing all obstruction for unimpeded flow of rain water. Waste water shall all be flowing through pipes. Sustainable Urban Drainage Systems (SUDS) are to be adopted for maintaining the drainage pattern and to harvest rain water.

5.20 NOC from concerned authorities for discharge of treated waste water to natural / constructed municipality sewerage line shall be obtained.

Water Quality:

5.21 A letter shall be obtained from the local body (WATCO) supplying water, certifying the total quantum of water supply committed to the project specifying the quantity source wise separately for ground water and surface water sources, and certifying that there is only marginal impact on availability for other local water users.

5.22 The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF & CC and SEIAA, Odisha along with six monthly Monitoring reports.

5.23 Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc. and other for supply of recycled water for flushing, landscape irrigation, car washing, air conditioning etc. shall be done.

5.24 Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets, taps, aerators etc.) for water conservation shall be incorporated in the building plan.

5.25 Separation of grey and black water should be done by the use of dual plumbing system. In case of single stack system separate recirculation lines for flushing by giving dual plumbing system be done.

5.26 Water demand during construction should be reduced by use of pre-mixed concrete, curing agents, and other best practices be referred.

5.27 Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be promptly taken for mitigating the odour problem from STP, whenever it arises.

5.28 The local bye-law provisions on rain water harvesting should be followed. If local bye-law provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. As proposed 135 nos. of rain water harvesting recharge pits shall be provided by the project proponent.

5.29 Any ground water obstruction has to be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering. The proponent shall also obtain permission from Water Resources Department, Govt. of Odisha for drawal of underground water.

Solid Waste Management

5.30 The provisions of the Solid Waste (Management) Rules, 2016, E-Waste (Management) Rules, 2016, and the Plastics Waste (Management) Rules, 2016 shall be followed.

5.31 Bio-medical waste shall be collected, treated and disposed in accordance with Bio-medical Waste Management Rules, 2016.

5.32 Bio-Medical waste shall be disposed off through common bio-medical waste Facility, as per the agreement made with any such nearby Facility.

5.33 Disposal of muck during construction phase should not create any adverse impact on the neighbouring communities and be disposed taking the necessary precautions for general safety and health of the people, only at approved sites with due approval of competent authority.

5.34 Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials. Wet garbage shall be composted in Organic Waste Converter. Adequate area shall be provided for solid waste management within the premises which will include area for segregation, composting. The inert waste from group housing project will be sent to approved dumping site.

5.35 Any hazardous waste generated during construction/operation phase, shall be disposed off as per applicable rules and norms with necessary approval of the State Pollution Control Board.

5.36 A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities for such handling and their adequacy for catering to the Solid Waste to be generated from the project shall be obtained.

Sewage Treatment Plant

5.37 Sewage shall be treated in 2No.STP of capacities 300 KLD & 1325KLD.The treated effluent from STP shall be recycled/re-used for flushing, gardening and washing purpose. Quantum of surplus treated waste water has to be reduced to the minimum by increasing the quantity of recycling of treated waste water. Any surplus still left that cannot be recycled may be discharged to designated drain / sewer of CMC is for treatment.

5.38 Clinical waste water shall be treated in ETP of capacity 75 KLD.

5.39 A certificate from the competent authority shall be obtained for discharging treated effluent/ untreated effluents into the Public sewer disposal/drainage systems along with fixing the location of the final disposal point.

5.40 No sewage or untreated effluent water can be discharged through any storm water drain.

5.41 The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted the SEIAA, Odisha before the project is commissioned for operation. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures have to be taken to mitigate the odour problem from STP.

5.42 Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Central Public Health and Environmental Engineering Organization (CPHEEO) 'Manual on Sewerage and Sewage Treatment Systems, 2013'.

Energy Conservation

5.43 Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC. Outdoor and common area lighting shall be LED. Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.

5.44 Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning. Used CFLs, TFL and LED shall be properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination.

5.45 Solar, wind or other Renewable Energy shall be installed to achieve electricity generation equivalent to 2-5% of the demand load or as per the state level/ local building bye-laws requirement, whichever is higher. Follow super ECBC requirement of ECBC 2017 and provide compliance report.

5.46 Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet their hot water demand from solar water heaters, as far as possible.

5.47 Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the total quantum of construction material. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials. Fly ash should be used as building material in the construction as per

the provision of Fly Ash Notification of September, 1999 and amended on 27th August, 2003 and 25th January, 2016. Ready mixed concrete should be used in building construction.

5.48 A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project shall be submitted.

Air Quality and Noise

5.49 Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3 meters high). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murram and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site. Sand, murram, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution. Wet jet shall be provided for grinding and stone cutting. Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.

5.50 All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules, 2016. All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.

5.51 Notification GSR 94(E) dated 25.01.2018 of MoEF & CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.

5.52 The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.

5.53 For indoor air quality the ventilation provisions as per National Building Code of India shall be made.

5.54 Ambient noise levels shall conform to residential standard both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be taken to reduce ambient air pollution and noise level during construction phase, so as to conform to the stipulated standards by CPCB / SPCB.

Green cover

5.55 No tree cutting/transplantation of existing trees has been proposed in the instant project. A minimum of 5000 tree shall be there in the total project area including 3120 trees in the green zone when fully grown, and accordingly allowing for mortality, double that number be planted in the beginning, and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping. As proposed 132454.77sqm of the plot area shall be earmarked for green zone development.

Top Soil Preservation and Reuse

5.56 Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stocked appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.

Transport

5.57 A comprehensive mobility plan, as per Ministry of Urban Development best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with the following basic criteria.

- Hierarchy of roads with proper segregation of vehicular and pedestrian traffic.
- Traffic calming measures
- Proper design of entry and exit points.
- Parking norms as per local regulation

5.58 A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project.

5.59 This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in a 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.

5.60 Vehicles hired for bringing construction material to the site should be in good condition and should have the pollution check certificate and should conform to applicable air and noise emission standards. These may be operated only during non-peak hours.

Environment Management Plan

5.61 An Environmental Management Plan (EMP) shall be prepared and implemented to ensure compliance with the environmental conditions specified above. A dedicated Environment Monitoring Cell with defined functions and responsibility shall be put in place to implement the EMP. The environmental cell shall ensure that the environment infrastructure like Sewage Treatment Plant, Landscaping, Rain Water Harvesting, Energy efficiency and conservation, water efficiency and conservation, solid waste management, renewable energy etc. are kept operational and meet the required standards. The environmental cell shall also keep the record of environment monitoring and those related to the environment infrastructure.

Others

5.62 Provision shall be made for the housing of construction labour at the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.

5.63 A First Aid Room shall be provided within the project both during construction and operation of the project.

5.64 The companies shall draw up and implement corporate social Responsibility plan as per the Companies Act of 2013.

5.65 As per the MoEF & CC, Govt. of India Office Memorandum F.No.22-65/2017-IA.III dated 1st May 2018, the project proponent is required to prepare and implement Corporate Environment Responsibility (CER) Plan. As per para 6(II) of the said O.M. appropriate funds shall be earmarked for the activities such as infrastructure creation for drinking water supply, sanitation, health, education, skill development, roads, cross drains, electrification including solar power, solid waste management facilities, scientific support and awareness to local farmers to increase yield of crop and fodder, rain water harvesting, soil moisture conservation works, avenue plantation, plantation in community areas etc. The activities proposed under CER shall be restricted to the affected area around the project. The entire activities proposed under the CER shall be treated as project and shall be monitored. The monitoring report shall be submitted to the regional office of the MoEF & CC as a part of half yearly compliance report, and to the District Collector. It should be posted on the website of the project proponent.

6. Part B – General Conditions:

6.1 A copy of the Environmental Clearance order shall be displayed on the website of the Odisha State Pollution Control Board and at the Bhubaneswar Regional Office of MoEF & CC, and Cuttack, Collector's Office, since all of them have roles in monitoring, the compliance of stipulations.

6.2 The funds earmarked for environmental protection measures (EMP, CSR and CER plans) shall be kept in separate account and shall not be diverted for other purpose. Year-wise expenditure on the account shall be reported to the SEIAA, Odisha and Bhubaneswar Regional Office of the MoEF & CC, Govt. of India.

6.3 Officials from the Regional Office of MoEF & CC, Bhubaneswar who would be monitoring the implementation of environmental safeguards should be given full cooperation, facilities and documents/data by the project proponents during their inspection.

6.4 In the case of any change(s) in the scope of the project, prior approval has to be sought, as that would require a fresh appraisal by the SEAC, and consideration by SEIAA.

6.5 The SEIAA, Odisha reserves the right to add additional safeguard measures at any time, if found necessary, and to take action including revoking of the EC under the provisions of the Environmental (Protection) Act, 1986, to force effective implementation of all safeguard measures in a time bound and satisfactory manner.

6.6 All other statutory clearances, such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Safety certificate from Fire Services Organization, as applicable have to be obtained by project proponent from the respective competent authorities.

6.7 These stipulations would be enforced under the provisions of the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and the EIA Notification, 2006.

6.8 The project proponent shall advertise in at least two local Newspapers widely circulated in the region, one of which shall be in the vernacular language informing all that the project has been accorded Environmental Clearance and that copies of the clearance order are available with the State Pollution Control Board and may also be seen on the PARIVESH portal of MoEF & CC. The advertisement shall be made within Seven days from the date of receipt of the EC and a copy of the same shall be forwarded to the Regional Office of MoEF&CC, Bhubaneswar, and to SEIAA office.

6.9 Any appeal against this clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

6.10 A copy of the clearance order shall be sent by the Project proponent to Cuttack Municipal Corporation and to Cuttack Development Authority (CDA). The clearance letter shall also be put on the website of the Project by the proponent.

6.11 The Project proponent shall submit/upload six monthly reports on the status of compliance of all stipulated EC conditions on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF&CC, and the respective Zonal Offices of CPCB and the SPCB. The pollutant levels namely; SPM, RSPM, SO_2, NO_x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate.

6.12 The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the Odisha State Pollution Control Board as prescribed in the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the project along with the status of compliance of EC conditions. This shall also be sent to the respective Regional Offices of MoEF&CC by E-mail.

Yours faithfully,

17/01/21

Member Secretary

Memo No _____/ Dt. _____

Copy forwarded for kind information to

1. **Joint Secretary (Environment)**, Ministry of Environment, Forests and Climate Change Govt. of India, Indira Paryavaran Bhavan, Jor Bagh Road, Aliganj, New Delhi-110003.
2. **Additional Chief Secretary**, Forest Environment & CC Dept. Government of Odisha.
3. **Member Secretary**, State Pollution Control Board, Odisha, and Secretary, SEAC Paribesh Bhawan, A/118, Nilakantha Nagar, Unit-8, Bhubaneswar.
4. **Additional Director General, Forests** Regional Office Eastern Region, Ministry of Environment, Forests & CC, A-31, Chandrasekharpur, Bhubaneswar.
5. Collector & District Magistrate, Cuttack/ Superintendent, SCB Medical College & Hospital, Cuttack for information and necessary action.
6. Guard file for record.

17/01/21

Member Secretary

Digitally signed by Sri Susanta Nanda
Member Secretary
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