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), Madhya Pradesh)

To,

The Director (Technical)

M P STATE TOURISM DEVELOPMENT CORPORATION LIMITED

Madhya Pradesh State Tourism Development Corporation Limited.
Bhadbhada Road, Bhopal (M.P.) - 462003 -462003

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/MP/MIS/261610/2022 dated 17 Mar 2022. The particulars of the environmental clearance granted to the project are as below.

1.	**EC Identification No.**	**EC22B038MP123334**
2.	**File No.**	9084/2022
3.	**Project Type**	New
4.	**Category**	B2
5.	**Project/Activity including Schedule No.**	8(a) Building and Construction projects
6.	**Name of Project**	"Statue of Oneness" Proposed Development for Site A-1 Statue & Museum and Site A-2 Parking"
7.	**Name of Company/Organization**	M P STATE TOURISM DEVELOPMENT CORPORATION LIMITED
8.	**Location of Project**	Madhya Pradesh
9.	**TOR Date**	N/A

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

Date: 15/04/2022

(e-signed)
Shriman Shukla
Member Secretary
SEIAA - (Madhya Pradesh)

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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Ref: Proposal No. SIA/MP/MIS/261610/2022, Case No 9084/2022: Prior Environment Clearance for Proposed Development for Site A-1 Statue & Museum and Site A-2 Parking "Statue of Oneness" at Village - Mandhata, Tehsil - Punasa, Dist. Khandwa, MP Total Plot Area-1,86,600.00 sq.m. (18.66 ha) 55100.62 sq.m (A1 - 52346.5 sq. m + A2 = 2754.12 sq.m.) by Madhya Pradesh State Tourism Development Corporation Limited, Dist. Bhopal, MP – 462003 Email: sooproject2022@gmail.com Envt. Consultant: In situ enviro care, Bhopal (MP)

With reference to above the proposal has been appraised as per prescribed procedure & provisions under the EIA notification issued by the Ministry of Environment & Forests vide S.O. 1533 (E), dated 14th September 2006 and its amendment, on the basis of the mandatory documents enclosed with the application viz., Form -2, Form IA, Conceptual Plan, drawings and subsequently submission of EMP report, PPT& the additional clarifications furnished in response to the observations of the State Expert Appraisal Committee (SEAC) and State Environment Impact Assessment Authority (SEIAA) constituted by the competent Authority.

i. This is a case of Prior Environment Clearance for Proposed Developemnt of Site for A-1 (Statue & Museum and Site A-2 Parking) "Statue of Oneness" at Village - Mandhata, Tehsil - Punasa, Dist. Khandwa, MP.
ii. The project involves the construction/development of Statue of Oneness, Museum and Parking Facility. The maximum heights for the statue will be 60 M and for Building 12 M. The Total Land Area– 1,86,600.00 sq. m [18.66 ha (11.56 ha. For Site A1 + 7.1 ha. For Site A2)] Net Planning Area – 1,15,600.00 sq.m. Total Proposed Built up area - 55100.62 (A1 = 52346.5 sq. m. + A2 = 2754.12 Sq.mt.).
iii. As per the T & CP Khandwa & Burhanpur (163/JAN-434/NAGRANI/2022 Khandwa dated 13/02/2022) the total Area is – 150.140 ha.Out of the total 150.140ha area 18.660 ha land is allocatd for the eshtablishment of "statue of Oneness". The total built up area proposed by PP is 55100.62 sq.m. The project comes under 8 (a) category (B) of schedule of EIA Notification, 2006 because total construction is between 20,000 sq.mt. & 1, 50,000 sq mt. and plot area is less than 50 ha.
iv. The case was discussed in SEAC meeting 562nd dtd.29.03.22 and is recommended for grant of prior EC subject to specific conditions.
v. **Summary of the project**:

Name of the Project	"Statue of Oneness" Proposed
Coordinates of Site	22°14'58.11"N, 76° 9'0.72"E
Total Plot Area	1,86,600.00 sq.m. (18.66 ha.)
Proposed Built–Up Area	55100.62 sq.m (A1 - 52346.5 sq. m + A2 = 2754.12 sq.m.)PP has obtained permission from T& CP vide letter 163/JAN-434/NAGRANI/2022Khandwa dated 13/02/2022
Water requirement	1200 KLD Source -Narmada Water Supply It will cater the domestic requirement whereas additional water requirement will be fulfilled by treated water from STP. WRD NOC has been obtained by PP.
Waste Water Generation	660 KLD (650 KLD WATER AND 10 KLD SLUDE)
Treated Waste Water Generation	650 KLD (480 KLD + 170 KLD)
Capacity of STP	800 KLD (600 KLD + 200 KLD) Treatment Concept : SBR (Sequential Batch Reactor) PP has obtained NOC (**344/LO.NI./N.PARI./2022 DATED 25/02/2022**) from **Omkareshwar** Municipal council Khandwa.for disposal of extra treated waste water
Solid Waste Generation	13.5TPD PP has obtained NOC (343/LO.NI./N.PARI./2022 dated 25/02/2022) from Omkareshwar Municipal council Khandwa

	for disposal of MSW.
Power requirement Source of Power	5828.93 KVA MPSEB
DG Set	7000 KVA. (4 X 1250 KVA, 2 X 1000 KVA)
UPS	2000 KVA (4 X 500 KVA (1 Stand by Extra)
Solar Panel	711 KW
Parking	A-1 & A-2 site is 1884 ECS each
Height of the Statue	60 M (from ground)
Height of Building	12 M
Railway Station	Omkareshwar Railway Station 11 Km (SW)
Air Port	Indore Airport– 62.63 Km (NW)
Topography	Hilly terrain
Annual Average Rainfall	777.60 mm
Rain Water Harvesting	2 no. of rainwater storage tank has been proposed of 672 Cum (Site A1) and 599 cum (Site A2).
Green belt	In the proposed project 72464.5 Sq.mt. (56,622 Sq.mt. Site A1 + 15842.5 Sq.mt. Site A2) areas is allocated for greenbelt/landscape development in which 1845 trees have been proposed in plantation scheme.
Project Cost	826.98 Cr.

Based on the information submitted at Para i to v above and others, the State Level Environment Impact Assessment Authority (SEIAA) considered the case in its 717th meeting held on 08.04.2022 and decided to accept the recommendations of 562nd SEAC meeting held on dated 29.03.2022.

Hence, Prior Environmental Clearance is accorded under the provisions of EIA Notification dtd. 14th September 2006 & its amendments to the proposed Development for Site A-1 Statue & Museum and Site A-2 Parking "Statue of Oneness" at Village - Mandhata, Tehsil - Punasa, Dist. Khandwa, MP Total Plot Area-1,86,600.00 sq.m. (18.66 ha) 55100.62 sq.m (A1 - 52346.5 sq. m + A2 = 2754.12 sq.m.) by Madhya Pradesh State Tourism Development Corporation Limited, Dist. Bhopal, MP – 462003 subject to the compliance of the Standard Conditions and the following additional Specific Conditions as recommended by SEIAA & SEAC in its meetings.

A. <u>Specific Conditions as recommended by SEIAA</u>

1. The fresh water supply arrangement should be met through Narmada Water suppply as per NOC obtained from WRD and there should no extraction of ground water.
2. PP should ensure linkage with municipal council Omkareshwar Khandwa for disposal of extra treated waste water.
3. For Solid Waste Management eensure linkage with municipal council Omkareshwar Khandwa for final disposal of MSW. Wet Garbage shall be composted in Organic waste convertor. Adequate area shall be provided for solid waste management within the premises which will include area for segregation, composting. The Inert waste from the project will be sent to dumping site.
4. PP should ensure road width, front MOS and side / rear as per MPBVR 2012.
5. **For firefighting:-**
   a. PP should ensure distance of fire station approachable from the project site. fire fighting NOC(440/LO.NI./N.PARI./2022 Omkareshwar dated 10/03/2022) All the required fire fighting arrangement shoud be made avilable onthe project site as per NBC 2005.
   b. The occupancy permit shall be issued by Municipal council only after ensuring that all fire fighting measures are physically in place.
6. PP should ensure to provide car parking total- A-1 & A-2 site is 1884 ECS each.

7. Solar lights provide for common amenities like Street lighting & Garden lighting.

8. Electrical charging points for E-Vehicles shall be provided to promote clean energy

9. PP should ensure to submit half yearly compliance report with photographs of plantation in MP-SEIAA. If PP is failed to upload or submit two consecutive half yearly compliance reports of EC conditions to concerned authority (SEIAA and Regional Office, MoEF&CC, GoI, Bhopal) than prior environmental clearance issued to PP will automatically be treated as cancelled/ revoked as per OM No. 930/SEIAA/2019 dated 30.05.2019 issued by MPSEIAA.

B. Specific Conditions as recommended by SEAC

I Statutory Compliance

i. The project proponent shall obtain all necessary clearance/permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
ii. The approval of the Competent Authority shall be obtained for structural safety of building due to earthquakes, adequacy of firefighting equipment etc as per National Building code including protection measures from lightening etc.
iii. The project proponent shall obtain Consent to Establish/Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/Committee.
iv. The project proponent shall obtain the necessary permission for drawl of ground water/surface water required for the project from the competent authority.
v. A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
vi. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Archiological Survey of India & State Archiological
vii. The conditions stipulated in T&CP approval dated 13/02/22 shalll be complied by PP.
viii. Department shall be obtained, as applicable, by project proponents from the respective competent authorities.
ix. If any central or state recognized monuments falling in the project area the PP should take permission / NOC from the concerned competent authority.
x. The provisions for the solid Waste (Management) Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste (Management) Rules, 2016 shall be followed.
xi. The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power Strictly.
xii. The project area shall be secure through boundary wall and excavated top soil shall not be used in filling of low lying area. The top soil shall be used for greenery development.

II. Air quality monitoring and preservation

i. Notification GSR 94(E) dated: 25/1/2018 MoEF & CC regarding Mandatory implementation of Dust Mitigation Measures for Construction and Demolition Activities for project requiring Environmental Clearance shall be complied with.
ii. A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
iii. The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released covering upwind and downwind directions during the construction period.
iv. Diesel power generating sets as 7000 KVA (4 X 1250 KVA, 2 X 1000 KVA & UPS 2500 KVA (5 X 500 KVA) are proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the

combined capacity of all proposed DG sets. Use of low sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board.

v. 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 wills all around the site plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, Murram and other construction materials prone to causing dust polluting at the site as well as taking out debris from the site.
vi. Sand, Murram, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.
vii. Wet jet shall be provided for grinding and stone cutting.
viii. Unpaved surface and loose soil shall be adequately sprinkled with water to suppress dust.
ix. All construction and demolition debris shall be stored at the site (are 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.
x. The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise emission standards.
xi. The gaseous emission from Diesel power generating sets as 7000 KVA. (4 X 1250 KVA, 2 X 1000 KVA 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.
xii. For indoor air quality the ventilation provisions as per National Building Code of India.

III Water quality monitoring and preservation

i. The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
ii. Buildings shall be designed to follow the natural topography as much as possible Minimum cutting and filling should be done.
iii. The total water requirement during operation phase is 1638 KLD. Whereas fresh water is 851 KLD (634 KLD for A-1 & 217 KLD for A-2). Waste Water Generation-800 KLD (600KLD from A-1 site & 200 KLD from A-2 site) out of which Treated water shall be 650 KLD (480KLD from A-1 site STP & 170 KLD from A-2 site STP) water and 10 KLD sludge. Treated water shall be used for horticulture and flushing purposes.
iv. 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 along with six monthly Monitoring reports.
v. A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for separately for ground water and surface water sources, ensuring that there is no impact on other users.
vi. At least 11% of the open spaces as required by the local building bye-laws shall be previous. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as previous surface.

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

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

ix. 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.

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

xi. The local bye-law construction on rain water harvesting should be follcwed. If local by-law provision is not available, adequate provisions for storage and recharge should be followed as per the Ministry of Urban Development Model Building bylaws, 2016.

xii. The Rain Water storage tanks will be initially done only from the roof top. Runoff from green and other open areas will be done only after permission from CGWB.

xiii. All recharge should be limited to shallow aquifer.

xiv. No ground water shall be used during construction phase of the project.

xv. Any ground water dewatering should 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.

xvi. The quality 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 recorded shall be submitted to the Regional Office, MoEF & CC along with six monthly Monitoring report.

xvii. Sewage shall be treated in the SBR based 02 nos. of STP Capacity - 800 KLD (600 KLD (A-1 site) + 200 KLD (A-2 site). The treated effluent from STP shall be recycled/re-used for flushing. AC makes up water and gardening. As proposed, no treated water shall be disposed in to municipal drain.

xviii. The waste water generated from the project shall be treated in 02 STP of 800 KLD (600 KLD (A-1 site) + 200 KLD (A-2 site). Capacity (based on SBR based technology) and then reused for various purposes. No water body or drainage channels are getting affected in the study area because of this project.

xix. Being located on the close proximity of Narmada River Catchment Area, project shall be Zero Liquid Discharge and also no Municipal Solid Waste or other wastes (such as E-waste, Battery Waste etc) shall find its way to the Narmada River.

xx. PP shall also install Two Online Continous Water Quality Monitoring Stations (one on the upstream of the project site and other on the downstream of the project site) and their results shall be displayed on the banks of Narmada River for awareness.

xxi. The runoff of the proposed project area shall be collected and discharged in the municipal sewer line and be treated in proposed common STP.

xxii. No sewage or untreated effluent water would be discharged through storm water drains.

xxiii. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problems from STP.

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

IV Noise monitoring and prevention

i. Ambient noise levels shall conform to residential area/commercial area/industrial area/silence zone 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 monitoring during construction phase. Adequate measures shall

be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/SPCB.

ii. Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.

iii. Acoustic enclosures for DG sets, noise barriers for ground run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.

V Energy Conservation measures

i. The Power would be fulfilled from MPEB. The total maximum demand would be 5828.93 KVA while connected load would be 9260.5 KVA.

ii. The 711 KW Renewal Energy shall be generated through Solar Panel on Parking Area i.e. form A2 Site shall be used in-house.

iii. Energy consumption reduced by use following points.

- Level controller for pumps.
- Timer for street & common lighting.
- Designing of peak & non peak circuits for common area.
- Reduced in load due to using the LED Lights.
- Distribution Transformer are 3 star Rated as per BEE norms.
- Solar powered street lights shall be used to conserve energy.

iv. Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured, Building in the State which have notified their own ECBC, shall comply with the State ECBC.

v. Outdoor and common area lighting shall be LED.

vi. PP shall explore the possibility of providing e-vehicles/CNG based vehicles from base parking area/station to the proposed museum parking area to avoid vehicular emissions on the hill top and rush of vehicles.

vii. 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.

viii. Energy Conservation measures like installation of CFls/LED's for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.

ix. Solar, wind or other renewable energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level /local building bye-laws requirement, which is higher.

x. 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 its hot water demand from solar water heaters, as far as possible.

VI Waste Management

i. Total solid waste generated will be around 13.5 TPD (13 TPD Biodegradable and 0.5 TPD Non-Biodegradable Waste) Biodegradable & Non-Biodegradable waste will be segregated at source in accordance with MSW (M&H) Rules, 2016.

ii. 7771.0 Cu.m. C&D waste would be generated and reused within site for filling and leveling of site as per Norms.

iii. A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the MSW generated from project shall be obtained.

iv. Disposal of muck during construction phase shall not create any adverse effect on the

neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.

v. Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste (0.4 ton/day) shall be segregated into wet garbage and inert materials.

vi. All non-biodegradable waste shall be handed over the authorized recyclers for which a written lie up must be done with the authorized recyclers.

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

viii. Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction materials quantity. These include fly ash brick, hollow bricks, AACs, Fly Ash Lime Gypsum block, compressed earth blocks and other environmental friendly materials.

ix. Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 2016 Ready mixed concrete must be used in building construction.

x. Any wastes from construction and demolition activities related thereto small be managed so as to strictly conform to the construction and Demolition Rules, 2016.

xi. Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination.

VII Green Cover

i. In the proposed project 72464.5 Sq.mt. (56,622 Sq.mt. Site A1 + 15842.5 Sq.mt. Site A2) areas is allocated for greenbelt/landscape development in which 1845 trees have been proposed in plantation scheme. As submitted by PP out of 1398 trees in existence on site 418 trees are proposed to be uprooted. Considering 10 times plantation/tree uprooting, additionally 4180 plants shall have to be planted. Committee after deliberations recommends in situ plantation of 6025 (4180+1845) species shall be carried out for this project. During discussion, PP also informed that additional land of 36.00 ha is allocated on the northern side of the project site A-1 where they are planning thick gren belt development thorugh root zone technology and plantation of bamboo. Thus, in situ plantation of 6025 trees shall be carried out in the proposed project area at site A1 & A2 and additional plantation of bamboo in 4316 numbers in adjacent 36.00 ha land. Hence 10,341 species as mentioned in the plantation scheme shall be planted. Broad leaves plantation shall be preferred on the parking side.

ii. Plantation of native species found on the banks of Narmada River from Amarkantak, MP to Alirajpur, MP shall be preferred through competent agency having knowledge regarding flora & fauna of MP to address the issue of biodiversity, ground water recharge, climate change and minor forest produce.

iii. Also explore possibility to developing a medicinal garden & displaying fossils in proposed museum found in the Narmada River Basin Area to enrich the knowledge of the devotees/visitors.

iv. Since the proposed site is table top of the island and extreme slope is towards the main stream of Narmada River thus highly precisely soil conservation work and vegetation cover shall carried out along the River.

v. No tree can be felled/transplant unless exigencies demand. Where absolute necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (Planted).

vi. Where the trees need to be cut with prior permission from the concerned local Authority, Compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured

species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.

vii. Topsoil should be stripped to depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stack plied appropriately in designated areas and reapplied during plantation of the proposed vegetations on site.

VIII Transport

i. PP will explore the possibility of providing green vehicles for base parking area to the museum parking area to avoid station vehicular emission at top of the hill.

ii. PP shall explore additional measures proposed for approaching site such as rope way, cable bridge, cable car etc.

iii. A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public and private network. Road should be designed with due consideration for environment and safety of users. The road system can be designed with these basic criteria.
   a. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic
   b. Traffic calming measures.
   c. Proper design of entry and exit points
   d. Parking norms as per local regulation

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

v. A detailed traffic management and traffic decongesting plan shall be drawn up to ensure that the current level of service of the road within a 05 Kms radius of the project as maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of the development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management and the PWD/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.

IX Human health issues

i. 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.

ii. For indoor air quality the ventilation provisions as per National Building Code of India.

iii. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implementation.

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

v. Occupational health surveillance of the workers shall be done on a regular basis.

vi. A First Aid Room shall be provided in the project both during construction and operations of the project.

X EMP &Corporation Environment Responsibility

i. For Environment Management Plan PP has proposed during construction phase Rs. 742.62 Lakhs as capital and Rs. 53.50 Lakhs as recurring cost for this project. And during operation phase Rs. 1357.83 Lakhs as capital and Rs. 124.00 Lakhs as recurring cost for this project out of which PP has also proposed following activities under Corporate Environment Responsibility (CER) with budget.

Component	Capital Cost in INR	Recurring Cost in INR

Providing Water Coolers	3,00,000.00	1,00,000.00
Provide Solar Street lights in the nearby area	20,00,000.00	3,00,000.00
Support	4,00,000.00	2,00,000.00
Plantation along approach roads in a scientific manner	30,00,000.00	8,00,000.00

ii. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The Environmental policy should prescribe for standard operating procedures to have proper checks and balance and to bring into focus any infringements/deviation/violation of the environmental/forest/wildlife norms/conditions. The company shall have defined system of reporting infringements/deviation/violation of the Environmental/forest/wildlife norms/conditions and/or shareholders/stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six monthly reports.

iii. A separate Environmental Cell both at the project and company head quarter with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.

iv. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.

XI Miscellaneous

i. The project authorities must strictly adhere to the stipulation made by the MP Pollution Control Board and the State Government.

ii. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the State Expert Appraisal Committee (SEAC)

iii. No further expansion or modification in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).

iv. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon"ble Supreme Court of India/High Courts and any other Court of Law relating to the subject matter.

Standard Conditions:

1. All activities / mitigative measures proposed by PP in Environmental Impact Assessment (if applicable) and approved by SEAC must be ensured.

2. All activities / mitigative measures proposed by PP in Environmental Management Plan and approved by SEAC must be ensured.

3. Project Proponent has to strictly follow the direction/guidelines issued by MoEF, CPCB and other Govt. agencies from time to time.

4. The Ministry or any other competent authority may alter/modify the conditions or stipulate any further condition in the interest of environment protection.

5. The Environmental Clearance shall be valid for a period of seven years from the date of issue of this letter.

6. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.

7. The Project Proponent has to upload soft copy of half yearly compliance report of the stipulated prior environmental clearance terms and conditions on 1st June and 1st December of each calendar year on MoEF & CC web portal - http://www.environmentclearance.nic.in/ or http://www.efclearance.nic.in/ and submit hard copy of compliance report of the stipulated prior environmental clearance terms and conditions to the Regulatory Authority also

8. The Regional Office, MoEF, GoI, Bhopal and MPPCB shall monitor compliance of the stipulated conditions. A complete set of documents including Environment Impact Assessment Report. Environmental Management Plan and other documents information should be given to Regional Office of the MoEF, GoI at Bhopal and MPPCB.

9. The Project Proponent shall inform to the Regional Office, MoEF, GoI, Bhopal and MP PCB regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.

10. In the case of expansion or any change(s) in the scope of the project, the project shall again require prior Environmental Clearance as per EIA notification, 2006.

11. The SEIAA of M.P. reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environmental (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.

12. The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO2, NOx (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 of the company and in the public domain.

13. 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 concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the Regional Office of MoEF.

14. A copy of the environmental clearance shall be submitted by the Project Proponent to the Heads of the Local Bodies, Panchayat and municipal bodies as applicable in addition to the relevant officers of the Government who in turn has to display the same for 30 days from the date of receipt.

15. The Project Proponent shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been

accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at website of the State Level Environment Impact Assessment Authority (SEIAA) at www.mpseiaa.nic.in and a copy of the same shall be forwarded to the Regional Office, MoEF, GoI, Bhopal.

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

(Shriman Shukla)
Member Secretary

Copy to:-

(1). Principal Secretary, Department of Environment., Government of MP, Mantralaya Vallabh Bhawan, Bhopal.

(2). Member Secretary, SEAC, Research and Development Wing Madhya Pradesh Pollution Control Board, Paryavaran Parisar, E-5, Arera Colony Bhopal-462016.

(3). Member Secretary, Madhya Pradesh Pollution Control Board, Paryavaran Parisar, E-5, Arera Colony, Bhopal-462016.

(4). The Collector, Distt- Khandwa -M.P.

(5). The CMO, Municipal Council Omkareshwar, District Khandwa, MP

(6). Office of the Deputy Director Town & Country Planning,. Opp. Shubham Hospital,. Anand Nagar Road,. Khandwa (M.P.).

(7). Director (S), Regional office of the MOEF, (Western Region), Kendriya Paryavaran Bhawan, Link Road No. 3, Ravi Shankar Nagar, Bhopal-462016.

(8). Guard file.

(Alok Nayak)
Officer-in-Charge