Minutes of 99th Meeting of Expert Appraisal Committee (Infra-II) for projects related to airports 7(a); common hazardous waste treatment, storage and disposal facilities 7(d); common bio-medical waste treatment facilities 7(da); common effluent treatment plants (CETPS) 7(h); common municipal solid waste management facility 7(i); building and construction 8(a) and townships and area development projects 8(b) held on 21.12.2022.

VENUE: Hybrid Mode, Narmada Hall, Ground Floor, Jal Wing, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jorbagh Road, New Delhi – 110 003.

DATE: 21.12.2022

PROCEEDINGS

99.1 Opening Remarks of the Chairman: The Chairman extended warm welcome to the Members and other participants in the meeting and broadly introduced the agenda for the meeting, adopted by the EAC. The Member Secretary was then requested to begin the proceedings.

99.2 Confirmation of Minutes of 98th Meeting of Expert Appraisal Committee (Infra-II) held on 30.11.2022.

The Expert Appraisal Committee (Infra-II), hereinafter referred to as the EAC (Infra-II), was informed by the Member Secretary that no representation has been received regarding the correctness of the minutes of the 98th meeting of EAC (Infra-II) held on 30.11.2022 after it was uploaded on the PARIVESH. The EAC Members also did not notice any mistakes in it. The Minutes of 98th meeting of EAC were, therefore, confirmed with the observation that the typo errors, if any noticed during processing of these cases, may be corrected appropriately in the light of relevant facts and figures.

99.3 Consideration of Proposals: The EAC (Infra-II) considered proposals as per the agenda adopted for the 99th meeting. The details of deliberations held and decisions taken in the meeting are as hereunder:

Agenda 99.3.1

Construction of Greenfield Airport at Shimoga, Sogane Village limit in Shivamogga Taluka, Shivamogga District, Karnataka (Phase-I) by M/s

Executive Engineer, PWD & IWTD Special Division Shimoga- Environmental Clearance

(IA/KA/INFRA2/409423/2022; F. No. 21-27/2022-IA.III)

Detailed information on the proposal is given in Annexure-1. Based on the information submitted and clarifications provided by the project proponent and detailed discussions held on all the issues, the EAC has noted that earlier the proposal was granted Environmental Clearance (EC) by the Ministry vide letter No. 10-45/2008-IA-llI dated 31.12.2008 to M/s Maytas Infra Limited'. Subsequently, the Government of Karnataka terminated the Project Development Agreement and Land Lease Agreement executed for Shimoga Airport vide order dated 21.01.2015. Thereafter, the project was granted fresh Terms of Reference (ToR) by the Ministry vide letter No. 21-27/2022-IA.III dated 19.04.2022.

2. The proposed project involves diversion of 4.5769 ha forest land in Sy.No.12, Siriyuru Village, Shivamogga District for non-forestry purpose for which the proponent has obtained in-principal approval/Stage-1 Clearance vide letter no. 4-KRB 1339/2022-BAN/542 dated 25.07.2022. On enquiry about the proximity of proposed site to existing wildlife protected areas and the boundaries of Ecologically Sensitive Area of the Western Ghats, the proponent responded that no such areas are located within 10 km of the project site and no wildlife clearance is required.

3. After detailed deliberations, the EAC felt that while the proposal is fit for the award of Environmental Clearance the proposed EMP requires minor revision in respect of activities and budget of the proposed EMP. Accordingly, the EAC **recommended** the proposal for grant of Environmental Clearance subject to the submission of revised EMP along with the updated EIA/EMP report through PARIVESH with following specific conditions in addition to standard general conditions stipulated for such projects:

i. Construction activities that are likely to cause noise nuisance to nearby residents should be carried out only between 6 am to 8 pm.

ii. Strict air pollution control and mitigation measures during the construction phase must be delineated in the EMP and effectively implemented.

iii. A detailed traffic management & decongestion plan shall be drawn up and got validated by the State Urban Development Department and thereafter implemented to the satisfaction of the AAI.

iv. Rain water harvesting structures shall conform to CGWA designs. Before recharging the surface run off, pre-treatment must be done to remove suspended matter, oil and grease.

v. A certificate from the competent authority/agency handling municipal solid wastes should be obtained, indicating the existing civic

capacities of handling and their adequacy to cater to the M.S.W. generated from project.

vi. Fresh water requirement from local authority shall not exceed 26 KLD during operational phase. Extraction of ground water shall be subject to the permission of Central Ground Water Authority (CGWA).

vii. The wastewater shall be treated using the most effective technology available and the treated water from the STP shall be recycled and re-used for gardening, flushing etc. There shall be no discharge of treated water from the project.

viii. The project proponents would commission a third-party study on the implementation of conditions related to quality and quantity of recycle and reuse of treated water, efficiency of treatment systems, quality of treated water being supplied for flushing, and the quality of water being supplied through spray faucets attached to toilet seats.

ix. The proponent shall also provide electric charging points in the parking areas for e-vehicles.

x. The Environmental Clearance to the project is primarily under provisions of EIA Notification, 2006. The Project Proponent is under obligation to obtain approvals/clearances under any other Acts/ Regulations or Statutes as applicable to the project.

xi. The project proponent is required to furnish a certificate from the Chief Wildlife Warden, Karnataka stating that the proposed project site is located at the distance more than 10 km from boundary of the nearest protected areas. This certificate should be submitted to the concerned Integrated Regional Office of the Ministry within a fortnight of issuance of the environmental clearance letter.

Agenda 99.3.2

Development of secured Landfill Facility for Hazardous Waste (30 Lakh MT) (TSDF site) at Village Jitali, Ankleshwar, District Bharuch, Gujarat by M/s Bharuch Enviro Infrastructure Limited - Environmental Clearance

(IA/GJ/INFRA2/406821/2022; F. No. 21-78/2022-IA.III)

Detailed information on the proposal is given in Annexure-2. Based on the information submitted and clarifications provided by the project proponent and detailed discussions held on all the issues, the EAC has noted that earlier the project was granted Terms of Reference by SEIAA-Gujarat vide letter dated 29.09.2018 for Secured landfill capacity of 10 Lac MT. Thereafter, ToR dated 29.09.2018 was amended vide letter dated

02.07.2021. Being a Category B project of Item 7(d) the project was granted ToR by SEIAA but since the project site falls within a notified critically polluted area the project is being treated as category A project and appraised at central level in the light of Ministry's O.M. No. 22-23/2018-IA.III [E 1152311] dated 05.07.2022 in compliance of Hon'ble Supreme Court order 25.02.2022.

2. During detailed deliberations the EAC asked the proponent to increase the Hazardous waste storage area adequate for 30-days storage capacity to provide for future contingencies. In response the proponent agreed to increase the storage area from 1281 sq. m to 4228 sq. m. Accordingly EAC **recommended** the proposal for the grant of Environmental Clearance with following specific conditions in addition to standard general conditions stipulated for such projects:

i. The proponent should ensure that the project fulfils all the provisions of Hazardous and other Wastes (Management and Trans-boundary Movement) Rules, 2016 and the 'Protocol for Performance Evaluation and Monitoring' for the same as published by the CPCB including collection, transportation, design etc.

ii. Guidelines for Secured Landfill issued by CPCB shall be followed.

iii. Necessary provision shall be made for firefighting facilities within the complex.

iv. Project proponent should prepare and implement an on-site Emergency Management Plan.

v. Employees shall be provided work specific PPE such as helmets, safety shoes, masks etc.

vi. Project proponent should develop green belt all along the periphery of the TSDF with plant species suitable for air pollution abatement in consultation with the state forest department. Total green area of 51,354 sq. m shall be maintained as proposed.

vii. Fresh water requirement shall not exceed 350 KLD during operational phase. Abstraction of ground water shall be subject to the permission of Central Ground Water Authority (CGWA).

viii. Gas generated in the Landfill should be properly collected, monitored and flared.

ix. Sufficient number of Piezometer wells shall be installed in and around the project site to monitor the ground water quality in consultation with the State Pollution Control Board (SPCB)/CPCB. Trend analysis of ground water quality shall be carried out for each season and information shall be submitted to the SPCB and the Regional Office of MoEF&CC.

x. The depth of the landfill site shall be decided based on the ground water table at the site in order to ensure the contents of the landfill are never able to contaminate the ground water.

xi. Project proponent shall ensure proper handling of all spillages by introducing spill control procedures for various chemicals.

xii. As committed domestic wastewater will be treated in STP; whereas industrial wastewater generated from the process including leachates arising from premises shall be treated in MEE Plant of M/s. BEIL. Treated domestic waste water shall be reused within the project. Toxicity Characteristic Leaching Procedure (TCLP) test should be performed on leachates regularly.

xiii. Rain water runoff from the landfill area and other hazardous waste management area shall be collected and treated as per the norms.

xiv. The project proponent shall install continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 and be connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.

xv. Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Waste Management Rules, 2016.

xvi. No non-hazardous wastes, as defined under the Hazardous and Other Wastes (Management and Trans-boundary Movement) Rules, 2016, shall be handled in the premises. The solid wastes shall be segregated, managed and disposed as per the norms of the Solid Waste Management Rules, 2016. A certificate from the competent authority handling municipal solid wastes should be obtained, indicating the existing civic capacities of handling and their adequacy to cater to the MSW generated from project.

xvii. Project should ensure that the site is properly cordoned off from general movement and no unauthorized person or goods permitted to enter the premises. Necessary security provision should be made as a condition in the Authorization under the Hazardous and Other Wastes (Management and Trans-boundary Movement) Rules, 2016 to prevent unwanted access.

xviii. Traffic congestion near the entry and exit points from the roads adjoining the project site shall be avoided. Parking should be fully internalized and no public space should be utilized.

xix. A detailed traffic management & decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 2 km radius of the project is maintained and improved upon after the implementation of the project. 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 this 2 km 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

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.

xx. The Environmental Clearance to the project is primarily under provisions of EIA Notification, 2006. The Project Proponent is under obligation to obtain approvals/clearances under any other Acts/ Regulations or Statutes as applicable to the project.

Agenda 99.3.3

Development of Greenfield Airport at Vijayapura, Karnataka by M/s Public Works Department, Vijayapura Division, Government of Karnataka - Terms of Reference

(IA/KA/INFRA2/407485/2022; F. No. 21-77/2022-IA.III)

Detailed information on the proposal is given in Annexure-3. Based on the information submitted and clarifications provided by the project proponent and detailed discussions held on all the issues, the EAC has noted that alternate sites have not been considered in the instant proposal.

In this context, the project proponent is advised to undertake a serious exercise for proper site selection within a radius of, say, 35 km of the Vijayapura. In this exercise they may first select 4 or 5 best suited airport sites from the point of view of topographical and other obstructions on the landing and take-off passages and then narrow down their choices to three best sites in order of preference using the standard processes of a techno-economic analysis. The project proponent may then present their request for this airport project again along with the techno economic analysis of these possible sites to enable the EAC to deliberate on the choice of site and make appropriate recommendations. Further, EAC has noted the improper presentation of land use maps and GIS analysis of the study area. Accordingly, the EAC **deferred the proposal** for want of proper justification in respect of the project site along with proper land use maps.

Agenda 99.3.4

Expansion of Common Bio-medical Waste Treatment Facility (CBWTF) at Plot No. 310/2, Phase-2, GIDC, Vapi, District Valsad, Gujarat by M/s En-cler Biomedical Waste Private Limited - Terms of Reference

(IA/GJ/INFRA2/407950/2022; F. No. 21-75/2022-IA.III)

Detailed information on the proposal is given in Annexure-4. Based on the information submitted and clarifications provided by the project proponent and detailed discussions held on all the issues, the EAC has noted that the earlier the project was granted EC by SEIAA vide letter no. SEIAA/GUJ/EC/7(da)/712/2017 dated 29.06.2017. The instant proposal is for Terms of References for expansion of existing Common Bio-medical Waste Treatment Facility at Plot No. 310/2, Phase-2, GIDC, Vapi, District Valsad, Gujarat by M/s En-cler Biomedical Waste Private Limited. Since, the proposed project is located in GIDS-Vapi, public consultation is not required as per para 7(i) (III) (i) b of the EIA Notification, 2006 as amended.

2. Being a Category B project of Item 7(da) the project should have been appraised by the SEIAA; however, in light of Ministry's O.M. No. 22-23/2018-IA.III [E 1152311] dated 05.07.2022 in compliance of Hon'ble Supreme Court order 25.02.2022, the project is being treated as category A project and appraisal at central level as the project site fall within the critically polluted area.

3. After detailed deliberations, and correction of several typographical errors in the land use breakup of the project site, the EAC **recommended** the proposal for the grant of standard ToR as stipulated by the Ministry along with following specific TOR:

i. Submission of Certified Compliance Report from the concern IRO at the time of EC application.

ii. Details of various waste management units with capacities for the proposed project. Details of utilities indicating size and capacity to be provided.

iii. Specify the land area and space allotted for each activity proposed within the CBWTF. The area requirements for each activity shall be calculated as per the CPCB guidelines for the specified activity.

iv. List of waste to be handled and their source along with mode of transportation.

v. Characteristics and source of each type of waste to be handled.

vi. Details of storage and disposal of pre-processing and post-processing rejects/inert and products.

vii. List of proposed end receivers for the rejects/inert/products should be provided. MoUs to be submitted along with EC application.

viii. The EIA should conform to the stipulations in the Biomedical Waste Management Rules 2016 and CPCB's Revised Guidelines for Common Bio-medical Waste Treatment and Disposal Facilities and should indicate conformity to the said rules at the beginning of the document.

ix. NOC shall be obtained from State Pollution Control Board regarding site suitability for establishment of CBWTF.

x. Project proponents would also submit a write up on how their project proposal conform to the stipulations made in the "Protocol for

Performance evolution and monitoring of the Common Hazardous Waste Treatment Storage and Disposal facilities including common Hazardous Waste incinerators", published by the CPCB on May 24, 2010.

xi. Other chemicals and materials required with quantities and storage capacities.

xii. Details of temporary storage facility for storage of hazardous waste at project site.

xiii. Details of pre-treatment facility of medical waste at CBWTF.

xiv. Details of air emissions, effluents, hazardous/solid waste generation and their management.

xv. Requirement of water, power, with source of supply, status of approval, water balance diagram, man-power requirement (regular and contract).

xvi. Process description along with major equipment and machineries, process flow sheet (quantitative) from waste material to disposal to be provided.

xvii. Hazard identification and details of proposed safety systems.

xviii. Details of drainage of the project up to 5 km radius of study area. If the site is within 1 km radius of any major river, peak and lean season river discharge as well as flood occurrence frequency based on peak rainfall data of the past 30 years should be provided in the EIA. Details of Flood Level of the project site and maximum Flood Level of the river shall also be provided.

xix. Ground water quality monitoring in and around the project site.

xx. The Air Quality Index shall be calculated for base level air quality.

xxi. Status of the land purchases in terms of land acquisition Act. If acquisition is not complete, stage of the acquisition process and expected time of complete possession of the land.

xxii. Details of effluent treatment and recycling process.

xxiii. A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project.

xxiv. A certificate 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 ground water and surface water sources, ensuring that there is no impact on other users.

xxv. The project proponents shall satisfactorily address all the complaints/suggestions that have been received against the project till the date of submission of proposals for Appraisal.

xxvi. Cost of project and time of completion.

xxvii. A tabular chart with index for point wise compliance of above TORs.

xxviii. Any litigation pending against the project and/or any direction/order passed by any Court of Law against the project, if so, details thereof shall also be included.

xxix. A detailed plan for green belt development along with timeline.

xxx. Details of Disaster Risk Resilient Infrastructure (in addition to Disaster Management Plan).

xxxi. Details of Risk assessment and safeguarding the health of the workers.

xxxii. Installation of Automatic Weather Station (AWS) at project site.

xxxiii. Details of baseline data on Public Health for 2 km radius of the project site.

Agenda 99.3.5

Capacity enhancement of SLF 19 Lakh MT to 42.86 Lakh MT in existing Common Hazardous Waste Treatment Storage, Disposal Facilities (TSDF) at Plot No. D-43, Dahej Industrial Estate, Taluka Vagra, District Bharuch, Gujarat by M/s BEIL Infrastructure Limited - Terms of Reference

(IA/GJ/INFRA2/405298/2022; F. No. 21-76/2022-IA.III)

Detailed information on the proposal is given in Annexure-5. Based on the information submitted and clarifications provided by the project proponent and detailed discussions held on all the issues, the EAC has noted that the earlier the project was granted Environmental Clearance by the Ministry vide F. No. 10-43/2016-IA-III dated 19.12.2018. Thereafter, corrigendum for change in name of the project proponent from M/s Bharuch Enviro Infrastructure Limited to M/s BEIL Infrastructure Limited has also been obtained vide letter dated 18.09.2020.

2. Since, the proposed project is located within the notified industrial area namely "Development of Petroleum, Chemical and Petro-chemical investment region (PCPIR)" by M/s Gujarat Industrial Development Corporation, public consultation is not required as per para 7(i) (III) (i) b of the EIA Notification, 2006 as amended. After detailed deliberation, EAC **recommended** the proposal for the grant of standard ToR as stipulated by the Ministry along with following specific TOR:

i. Submission of Certified Compliance Report from the concern IRO at the time of EC application.

ii. Details of various waste management units with capacities for the proposed project. Details of utilities indicating size and capacity to be provided.

iii. Specify the land area and space allotted for each activity proposed within the integrated waste management facility. The area requirements for each activity shall be calculated as per the CPCB guidelines for the specified activity.

iv. List of waste to be handled and their source along with mode of transportation.

v. Characteristics and source of each type of waste to be handled.

vi. Details of storage and disposal of pre-processing and post-processing rejects/inerts and products.

vii. List of proposed end receivers for the rejects/inerts/products should be provided. MoUs to be submitted along with the EC application.

viii. Other chemicals and materials required with quantities and storage capacities.

ix. Details of temporary storage facility for storage of hazardous waste at project site.

x. Details of air emissions, effluents, hazardous/solid waste generation and their management.

xi. Requirement of water, power, with source of supply, status of approval, water balance diagram, man-power requirement (regular and contract).

xii. Process description along with major equipment and machineries, process flow sheet (quantitative) from waste material to disposal to be provided.

xiii. Hazard identification and details of proposed safety systems.

xiv. Details of Drainage of the project up to 5 km radius of study area. If the site is within 1 km radius of any major river, peak and lean season river discharge as well as flood occurrence frequency based on peak rainfall data of the past 30 years. Details of Flood Level of the project site and maximum Flood Level of the river shall also be provided.

xv. Ground water quality monitoring in and around the project site.

xvi. The Air Quality Index shall be calculated for base level air quality.

xvii. Status of the land purchases in terms of land acquisition Act. If acquisition is not complete, stage of the acquisition process and expected time of complete possession of the land.

xviii. Details of effluent treatment and recycling process.

xix. A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project.

xx. A detailed Plan for green belt development.

xxi. A certificate 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 ground water and surface water sources, ensuring that there is no impact on other users.

xxii. The project proponents shall satisfactorily address all the complaints/suggestions that have been received against the project till the date of submission of proposals for Appraisal.

xxiii. Cost of project and time of completion.

xxiv. A tabular chart with index for point wise compliance of above TORs.

xxv. Any litigation pending against the project and/or any direction/order passed by any Court of Law against the project, if so, details thereof shall also be included.

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LIST OF PARTICIPANTS OF EAC (INFRASTRUCTURE-2) IN 99th MEETING OF EAC (INFRA-2) HELD ON 21.12.2022

Sl. No.	Name	Designation	Attendance	Remarks
1.	Dr. Promode Kant	Chairman	Present	Virtual
2.	Shri Monish Mullick	Member	Present	Virtual
3.	Dr. Satish C. Garkoti	Member	Present	Virtual
4.	Dr. Arun Jyoti Nath	Member	Present	Physical
5.	Prof. Inderjit Singh	Member	Leave of absence	-
6.	Prof. P. K Joshi	Member	Present	Physical
7.	Dr. Arun Kumar Saraf	Member	leave of absence	-
8.	Dr. Hema Achyuthan	Member	Present	Physical
9.	Dr. Harish C. Nainwal	Member	Present	Physical
10.	Shri Ashwani Kumar	Member	Present	Physical
11.	Dr. Meenakshi Dhote	Member	Present	Physical
12.	Dr. Ragavan P	Special Invitee	Present	Physical
13.	Dr. Ashish Kumar	Additional Director & Member Secretary	Present	Physical

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Annexure -1

Background information, details of appraisal during earlier EAC meetings and information submitted by the project proponent in compliance to ADS raised, if any

Agenda 99.3.1

Construction of Greenfield Airport at Shimoga, Sogane Village limit in Shivamogga Taluka, Shivamogga District, Karnataka (Phase-1) by M/s Executive Engineer, PWD & IWTD Special Division Shimoga- Environmental Clearance

(IA/KA/INFRA2/409423/2022; F. No. 21-27/2022-IA.III)

1. The Project Proponent (M/s Executive Engineer PWD & IWTD Special Division Shimog) along with his EIA consultant (M/s ABC Techno Labs India Private Limited) made a presentation on above said proposal. The EAC (Infra-2) took note of following key parameters and salient features of the project as presented during the meeting as well as the details provided in the brief and application for this project:

i. The project is new.

ii. The proposed project is located at Siddaragudi, Vinayaknagara, Korlahalli, Harogatta, Doddibeelu, Othigatta, Ramapura villages of Shimoga Taluk and Shivamogga District. Geographically, airport is located at Latitude 13° 51'43.009" N to 13°51'44.83"N to, Longitude 75°35'45.053"E to 75° 38'15.54"E and altitude of 640m above MSL.

iii. The total plot area is 775 acres (313.631 ha). The project involves construction of New Greenfield Airport at Shimoga, Sogane Village limit in Shivamogga Taluka, Shivamogga District, Karnataka.

iv. The proposed project involves construction of Runway, Taxiway, Apron, Isolation Bay, Domestic Passenger Terminal Building (PTB) & Miscellaneous works. Land use breakup of the proposed project is as follows:

Sl. No	Description	Area (Acres)	Percentage (%)
1.	Terminal Building & Allied Buildings	2.60	0.34
2.	Runway, Taxiway, Apron	34.00	4.39
3.	Internal Roads/Peripheral roads/Approach Roads	30.41	3.92
4.	Parking Area	0.79	0.10
5.	Gardening/Green Belt	95.00	12.26
6.	Remaining open area	612.20	78.99
	Total	**775.00**	**100**

v. Earlier, Environmental Clearance was obtained from the then MoEF vide letter No. 10-45/2008-IA-llI dated 31.12.2008 for 'Airport near Sogane Village, Shimoga Taluk, Shimoga District, Karnataka by M/s Maytas Infra Limited', which has expired. Subsequently, the Government of Karnataka terminated the Project Development Agreement and Land Lease Agreement executed for Shimoga Airport vide order dated 21.01.2015. About 10% of Activity has been completed as per the EC dated 31.12.2008. Accordingly, project was granted fresh Terms of Reference (ToR) by the Ministry vide letter No. 21-27/2022-IA.III dated 19.04.2022.

vi. The proposal was recommended by EAC (Infra-2) in its 87th meeting held on 29.04.2022 taking into account that there is no R&R issue involved in the proposal as the total land area for the proposed construction is in possession of the project proponent and since the project had been issued an EC earlier vide letter No. 10-45/2008-IA-III dated 31.12.2008 for which public hearing has been conducted on 17.10.2008. However, while processing the file in the Ministry, it was observed that recommendation of EAC (Infra-2) for exemption from Public Hearing needs to be reconsidered on provisions under clause 7(i) (x) of the EIA Notification, 2006 as amended vide notification S.O. 1247(E) dated 18.03.2021. Accordingly, the proposal was deliberated by EAC (Infra-2) in its 93rd meeting held on 05.08.2022. After detailed deliberation in light of notification S.O. 1247(E) dated 18.03.2021, EAC (Infra-2) noted that the public hearing conducted on 17.10.2008 for the earlier EC dated 31.12.2008 was more than a decade old and the validity of EC dated 31.12.2008 had also expired. Furthermore, as per the said notification dated 18.03.2021, Public Hearing exemption under para 7(i) (x) of EIA Notification, 2006 may be granted to projects, which have completed at least fifty percent of the physical construction. However, in the instant case, only about 10% of activities as per the EC dated 31.12.2008, coould be completed. Accordingly, the EAC (Infra-2) withdrew its earlier recommendation made during its 87th meeting and opined that fresh public consultation is must before appraisal of the project for environmental clearance.

vii. Accordingly, fresh public hearing was conducted on 05.11.2022 under the chairmanship of Sri. Selvamani R, I.A.S Deputy Commissioner, Shivamogga wherein total 77 people participated. The issues raised by the public during are noise pollution, impact on adjacent poultry form and agriculture activities and employment opportunities & compensation for land losers. In response, proponent stated that the project activity does not have any impact on adjacent poultry farms and agricultural activities and agreed to provide employment opportunities for the local villagers.

viii. Baseline studies are carried out for a period of three months from April 2021 to June 2021 for preparation of EIA report.

ix. The project will be implemented in three phases. Total water requirement for phase–I is estimated to be 260 KLD out of which Freshwater requirement is 26 KLD. Total water requirement for phase–II is estimated to be 332 KLD out of which Freshwater requirement is 67 KLD. Total water requirement for phase–III is estimated to be 442 KLD out of which Freshwater requirement is 130 KLD. The required quantity of freshwater will be met through Bhadravathi Municipal Corporation.

x. For Phase- I, 34 KLD of sewage will be generated after the construction of Shivamogga Airport which will be treated in STP of capacity 45 KLD of MBBR technology. For Phase- II, 97 KLD of sewage will be generated after the construction of Shivamogga Airport which will be treated in STP of capacity 120KLD of MBBR technology. For Phase-III, 188 KLD of sewage will be generated after the construction of Shivamogga Airport which will be treated in STP of capacity 250KLD of MBBR technology.

xi. The estimated solid waste generation during Phase-I, II and III are about 210 kg/day, 540 kg/day and 1040 kg/day, respectively. Agency will be hired for disposal of solid wastes as per the provisions of the Solid Waste Management Rule, 2016. Solid waste will be generated during operation after the proposed development activities at Shivamogga Airport, which will be collected, segregated and managed by external agency for disposal as per Solid Waste Management Rules, 2016.

xii. Total power requirement for the proposed development of Shimogga Airport will be 1500 KW. The power supply shall be drawn from MESCOM Power supply In addition, there will be power backup through 2 DG sets of capacity of 750 KVA and 2 DG Sets of 500 KVA for use in case of power cut or failure.

xiii. The important energy conservation measures proposed in the project are construction of terminal building as per norms for GRIHA 4 star rating, Use of Energy Efficient building material & glass, Microprocessor based Building Management System (BMS), and Automatic lighting on/off control system. In addition, Solar Power Generation of 100 KWP (equivalent to 10% of energy consumed) and LED Electrical Fittings are proposed as energy conservation measures.

xiv. Storm water drains to be provided beyond 140 m from Runway Centreline, wherever required. Due to the raised runway and general terrain, the storm water from the airport drains through the natural slopes and the drains towards the slope direction. Open Catch drains are proposed to be provided along the edge of the strip on either side of runway for disposal of the storm water following natural slopes.

Parallel square open drains are proposed all along the edge of basic strip for storm water drainage. Culverts have been proposed at various locations to catch the flows from drains towards outfall or from one drain to other drain below a pavement.

xv. Adequate parking provisions will be made on the city side for the departing & arriving passengers as per building norms. The main approach road is proposed to be a four-lane road. A total of 200 car parks (including staff & taxi) have been provided for parking. The area has ample provision for future expansion also.

xvi. An area of 38.4451 ha is proposed for green belt development, which is equivalent to 12 % of the total area.

xvii. One natural stream is passing through the proposed area and a culvert will be constructed for passage of the stream.

xviii. NBWL Clearance is not required.

xix. The proposed project involves conversion of 4.5769 ha forest land in Sy.No.12, Siriyuru Village, Shivamogga District for non-forestry purpose. Accordingly, proponent has obtained in principal approval/Stage-1 Clearance vide letter no. 4-KRB 1339/2022-BAN/542 dated 25.07.2022.

xx. CRZ Clearance is not required.

xxi. No court case is pending against the project.

xxii. Total Cost of the project is~ 384 Crores. It is proposed to invest about Rs.2.304 Crores on environment protection measures includes Storm Water Drainage, Land scaping and Horticulture, etc.

xxiii. Employment Potential - About 600 - 700 persons during construction phase.

xvi. Benefits of the project- Better infrastructure facilities for air passengers. Promotion of tourism, trade, commerce, etc. Increase in regional economy as it will boost tourism and commercial activities in the region. Generation of more revenue to the state, hence more development of the region. More employment opportunity to people. More business and industrial opportunities.

2. The project/ activity is covered under category 'A' of item 7(a) 'Airports' of the Schedule to the EIA Notification, 2006 and its subsequent amendments, and requires appraisal at Central level by sectoral EAC.

Annexure -2

Background information, details of appraisal during earlier EAC meetings and information submitted by the project proponent in compliance to ADS raised, if any

Agenda 99.3.2

Development of secured Landfill Facility for Hazardous Waste (30 Lakh MT) (TSDF site) at Village Jitali, Ankleshwar, District Bharuch, Gujarat by M/s Bharuch Enviro Infrastructure Limited - Environmental Clearance

(IA/GJ/INFRA2/406821/2022; F. No. 21-78/2022-IA.III)

1. The Project Proponent (M/s. Bharuch Enviro Infrastructure Limited) along with his EIA consultant (M/s Aqua-Air Environmental Engineers P. Ltd.) made a presentation on above said proposal. The EAC (Infra-2) took note of following key parameters and salient features of the project as presented during the meeting as well as the details provided in the brief and application for this project:

i. The project is new.

ii. The project is located at survey no.: 190, 233, 235, 236, 254, 263, 268, 269, 270, 271, 272 & 273 village-Jitali, Ankleshwar Bharuch-Gujarat adjoining to Existing BEIL TSDF site at GIDC, Ankleshwar.

iii. The existing BEIL TSDF has total capacity of 50 Lakh MT and until 28th February, 2022 approx. 37.29 Lacs MT have already been disposed. The remaining capacity will be sufficient only for another 4 5 years. Also, industries are expanding and there is increasing trend in Hazardous waste generation in the region i.e., Ankleshwar, Panoli, Jhagadia. To facilitate treatment and disposal of Hazardous waste generated by industries in the region, it is proposed to set up a Secured Landfill Facility (30 Lac MT) for hazardous waste.

iv. The total plot area of the project is 2,27,959 sq. m. The proposed site is adjacent to the existing site of BEIL TSDF site Ankleswar. The facilities like, MEE, Incineration shall be commonly used. Land use breakup of the proposed project is as follows:

Sl. No.	Land use	Proposed Area (sq. m)
1.	Green Belt Area	51,354

2.	Road Area	26,108
3.	Secured Landfill Area	91,742
4.	Storage area	4,228
5.	Building Area	185
6.	Future Expansion Area	18,344
7.	Open Land Area	35,998
Total		2,27,959

v. Earlier the project was granted Terms of Reference by SEIAA-Gujarat vide letter dated 29.09.2018 for Secured landfill capacity of 10 Lac MT. Thereafter, ToR dated 29.09.2018 was amended vide letter dated 02.07.2021. As per amendment letter dated 02.07.2022 total plot area is 2,27,959 sq. m; size of landfill is 91749 sq. m; total capacity is 30 Lac MT; and total number of cell is 10.

vi. No alternative site selection study has been conducted by project proponent as the project will be developed adjoining to the existing facility of M/s. BEIL, Ankleshwar.

vii. The baseline environmental quality has been assessed in the post-monsoon season of October 2021 to December 2021 in a study area of 10 km radial distance from the project site for preparation of EIA Report.

viii. Public Hearing was held on 08.07.2022 at Diamond Children Theater, GIDC Ankleshwar, Taluk. Ankleshwar, Dist. Bharuch Gujarat under the supervision of Resident Additional Collector & Additional District Magistrate, Bharuch.

ix. Total water required of the project is 350 KL/day (Domestic: 30.0 KL/Day Gardening: 20.0 KL/Day Industrial: 300.0 KL/Day) and same will be sourced through GIDC water supply & from one Borewell.

x. Total wastewater generation will be 227 KL/Day (Domestic: 27 KL/Day; Industrial: 200 KL/Day). Domestic wastewater will be treated in STP and then reused within premises. Leachate from landfill site and laboratory and washing (including tyre washing) will be sent to common MEE plant of M/s. BEIL for treatment and disposal.

xi. Total power requirement of project is 125 KVA and same will be sourced through Gujarat Electricity Board (GEB). In case of power failure, D.G. Set (125 KVA capacity) will be used. HSD at rate of 2.5 MT/ Month will be used as fuel in D.G. set.

xxiv. NBWL Clearance is not required.

xxv. Forest Clearance is not required.

xxvi. CRZ Clearance is not required.

xii. No court case is pending against the project.

xiii. Total area proposed for green belt development is 51354 sq. m.

xiv. The estimated cost of the Project is approximately Rs. 125 crores.

xv. Employment generation: During Construction phase the labors and workers will be hired from nearby villages. Number of persons required during construction phase is 150 and 15 is required during operation.

xvi. Benefits of the project: Improvements in physical and social infrastructure and employment generation.

2. Being a Category B project of Item 7(d) the project was granted ToR by SEIAA; however, in light of Ministry's O.M. No. 22-23/2018-IA.III [E 1152311] dated 05.07.2022 in compliance of Hon'ble Supreme Court order 25.02.2022, the project is being treated as category A project and appraisal at central level as the project site fall within the critically polluted area.

Annexure -3

Background information, details of appraisal during earlier EAC meetings and information submitted by the project proponent in compliance to ADS raised, if any

Agenda 99.3.3

Development of Greenfield Airport at Vijayapura, Karnataka by M/s Public Works Department, Vijayapura Division, Government of Karnataka - Terms of Reference

(IA/KA/INFRA2/407485/2022; F. No. 21-77/2022-IA.III)

1. The Project Proponent (M/s Public Works Department, Vijayapur) along with his EIA consultant (M/s ABC Techno Labs India Private Limited) made a presentation on above said proposal. The EAC (Infra-2) took note of following key parameters and salient features of the project as presented during the meeting as well as the details provided in the brief and application for this project:

i. The proposed Vijayapur airport is a Greenfield airport and will serve the city of Bijapur, Karnataka, India.

ii. The project is new.

iii. The project is located in Burnapur, Madabhavi & Aliyabad Villages, Vijayapur Taluk, Vijayapur. Geographically, the proposed project site is located at Latitude 16°52'4.56"N to 16°51'44.39"N, Longitude 75°47'20.08"E to 75°49'19.82"E and altitude of 560 – 580 m above MSL.

iv. The plot area of the proposed project is 727 acres (294.20 ha). Since, the land to the extent of 727 acres (294.20 ha) has been acquired for the purpose of the development works of Vijayapur Airport, no alternative sites have been considered.

v. The proposed project involves construction of Runway, Airstrip, Taxiway, Apron, Isolation Bay, RESA, Blast Pad, Domestic Terminal Building & Other Allied Works as detailed below:

   a. Construction of Runway of size 3000m x 45m with provision of runway turn pad to facilitate the 1800 turn of Airbus A321 Neo/ Boeing 737-900 aircraft. The Runway strip of size 3120m x 280m is proposed for Airbus A321 Neo/Boeing 737-900 operations. The graded portion of the runway strip shall extend up to 150m from

the center line in width and across a length of 3120 m along the centre line of the runway.

b. Provision of 60m length Blast pads/Overruns beyond the threshold at 09 end and 27 end are proposed for operations of Airbus A321Neo/Boeing 737-900 aircraft.

c. Runway End Safety Area (RESA) with dimensions of 240m x 90m are proposed at both 09 and 27 Ends of runway as per DGCA Civil Aviation Requirements.

d. Provision of 90°link taxiway of length 190.5 m and 15 m wide with shoulders of width 5.5 m on each side of carriageway edge in compliance with requirements of Airbus A321 Neo and Boeing 737-900 aircraft to connect the Runway to the proposed main apron and isolation bay.

e. Provision of Apron of size 1,40,400 sq. m for operation of 5 nos. of code 3C & 5 nos. of code 4C stands. In addition, Ground Support Equipment (GSE) Area of 12,000 sq. m is provided adjacent to the apron.

f. Isolation Bay of 12,100 sq. m and provision of 15 m wide Link Taxi Track of length 190.5 m with 5 m shoulder on both sides of carriageway edge to cater for Code - 4C aircraft.

g. Construction of Terminal Building with an area of 18,500 Sq. m. for 999 peak hour passengers (500 Arrival+ 499 Departure).

h. Construction of 10 watchtowers are proposed to be placed along the length of the compound wall with an objective of having an unhindered line of sight of 1000 meters.

i. Construction of ATC Tower and Technical Block with an area of 2,000 sq. m (G+4) Storey to facilitate Aeronautical Information Services, Aerodrome Control, Air Traffic Command, Meteorological and Other Contingency Services.

j. Construction of Crash Fire Station and Fire watch tower as per standard drawing.

k. Provision of Mandatory and Information Signage I Markings in the movement area.

l. Provision of cooling pit and Fire pit as per approved standard drawings.

m. Construction of Sewage Treatment Plant (STP) of 180 KLD at the lowest point of the airport area.

n. Construction of Storm Water Drainage pipe culvert of 1200mm dia.

o. Construction of parking area of 4110 sq. m to accommodate 200 cars.

p. Construction of Single Storey Pump room of 65 sq. m to house submersible water supply pumps as well as firefighting pumps.

q. Construction of underground sump of capacity 1,00,000 liter for firefighting and daily use proposed along with steel staging overhead tank.

r. Construction of fuel farm of area 200 sq. m with parking capacity of 5 fuel bowsers.

vi. The land use classification of the project site is categorized as Barren/uncultivable Land. The land use break-up for the area acquired for Airport construction is tabulated below:

Sl. No.	Particulars	Area (Acres)	Percentage (%)
1.	Buildings (Terminal, ATC Tower, etc)	5.54	0.76
2.	Runway, Taxiway, RESA, Apron, GSE, Isolation Bay, etc	272.90	37.54
3.	Internal Roads (Airside, City side, Perimeter Road, etc)	21.60	2.97
4.	Parking Area	1.02	0.14
5.	Gardening / Green belt	72.70	10.00
6.	Remaining Open area	353.25	48.59
	Total	727.00	100.00

vii. Total water demand for all purpose will be 300m^3/day and the water requirement will be met from Karnataka Urban Water Supply and Drainage Board (KUWDB). About 128 KLD of sewage will be generated after the development of the Airport, which will be treated in STP of capacity 150 KLD. It is proposed to be installed Moving Bed Biofilm Reactor (MBBR) type sewage treatment plant of 150 KLD capacity. Treated water of 115KLD will be used for flushing (68 KLD) and irrigation of greenery and landscaping (47KLD).

viii. About 1400 kg per day solid waste will be generated during operation after the proposed development activities at Vijayapura Airport, which will be collected, segregated and managed by external agency for disposal as per Solid Waste Management Rules, 2016.

ix. Total power requirement for the proposed airport operations will be 2000 KVA after the development activities. The power supply shall be drawn from Hubli Electricity Supply Company Limited (HESCOM). There will be power backup through 2 No of DG sets of capacity of 500 KVA and 1 No of standby DG set of capacity of 500 KVA will be used in case of power cut or failure. DG sets will be provided with inbuilt acoustic enclosures and effective safe stack height for proper dispersion of pollutants that will keep the emissions within the

permissible limit. The fuel required will be HSD and 3000 Litres per day quantity will be used in Operation Phase.

x. The total cost estimate for the proposed project is about Rs. 220 Crores.

xxvii. NBWL Clearance is not required.

xxviii. Forest Clearance is not required.

xxix. CRZ Clearance is not required.

xvii. No court case is pending against the project.

xi. No tree cutting is involved.

xii. Employment generation: The proposed project will provide direct employment during construction & operation phases. It is expected about 600-700 Nos of employments during construction phase and 333 Nos of employment during operational phase of the proposed project. Local workers will be hired from the nearby areas by the contractors during construction phase.

xiii. Benefits of the project: Better infrastructure facilities for air passengers. Promotion of tourism, trade, commerce etc. Increase in regional economy as it will boost tourism and commercial activities in the region. Generation of more revenue to the state, hence more development of the region. More employment opportunity to people. More business and industrial opportunities.

2. The project/activity is covered under category 'A' of item 7(a) 'Airports' of the Schedule to the EIA Notification, 2006 and its subsequent amendments, and requires appraisal at Central level by sectoral EAC.

Annexure -4

Background information, details of appraisal during earlier EAC meetings and information submitted by the project proponent in compliance to ADS raised, if any

Agenda 99.3.4

Expansion of Common Bio-medical Waste Treatment Facility at Plot No. 310/2, Phase-2, GIDC, Vapi, District Valsad, Gujarat by M/s En-cler Biomedical Waste Private Limited - Terms of Reference

(IA/GJ/INFRA2/407950/2022; F. No. 21-75/2022-IA.III)

1. The Project Proponent (M/s. En-cler Biomedical Waste Pvt. Ltd) made a presentation on above said proposal. The EAC (Infra-2) took note of following key parameters and salient features of the project as presented during the meeting as well as the details provided in the brief and application for this project:

i. It is an Expansion project.

ii. The project site is located in Notified Industrial Area of Vapi GIDC at Plot No: 310/2, Phase-2, GIDC, Vapi-396195, Dist: Valsad, Gujarat.

iii. Earlier, Environment clearance was granted by SEIAA vide letter no. SEIAA/GUJ/EC/7(da)/712/2017DATED29/06/2017.

iv. Since, the proposed project is located in GIDS-Vapi, public consultation is not required as per para 7(i) (III) (i) b of the EIA Notification, 2006 as amended

v. Details of proposed expansion as follows:

Sl. No.	**Particular**	**Capacity**			**Remark**
		Existing	**Proposed**	**Total after Expansion**	
1.	Incineration Plant	150 kg/hr	200 kg/hr & 100 kg/hr (Stand by)	200 kg/hr & 100 kg/hr (Stand by	*Existing 150 kg/hr Incinerator will be replaced by 200kg/hr Incinerator.
2.	Autoclave	125 kg/hr/cycle	-	125 kg/hr/cycle	
3.	Shredder	200 kg/hr		200 kg/hr	
4.	Chemical Disinfection	-	1 T/day	1 T/day	

vi. The total plot area of the project is 4271 sq. m. The land use break-up of the project site as follows:

Sl. No.	Land use	Existing area (sq. m)	Proposed area (sq. m)	Total area (sq. m)
1.	Plant facility and storage area	1334.46	-	1334.46
2.	Office buildings	118.54	-	118.54
3.	ETP	19.40	-	19.40
4.	Green Belt	1442.00	+27.78	1709.0
5.	Vehicle Washing area	41.16	-	41.16
6.	DG set area	2.23	-	2.23
7.	Internal Roads	1143.12	-	1143.13
8.	Other	170.09	-27.78	143.08
	Total	**4271.00**	**-**	**4271.00**

Note: The project proponent has developed 1469.78 Sq. m (34.41%) greenbelt is inside plot premises and additional 239.22 Sq.m (5.60%) greenbelt area is developed to adjacent area, outside the plot premises. Total 40% of greenbelt area has developed.

vii. Additional Green belt area (239.78 sq. m) is developed to adjacent area of GIDC, outside the plot premises to develop 40% of greenbelt. Proposed incinerator will be installed in existing plant facility area having sufficient space.

viii. Total water requirement of the project is 20.6 KLD (16.0 KLD Fresh +4.6 KLD recycle). Freshwater requirement will be sourced through GIDC water.

ix. Total waste water generation will be 6.5 KL/day. Water requirement will be mainly for the Chemical Disinfection & Washing 3.0 KL/Day, Autoclave 2.0 KL/Day approx. Domestic 2.0 KL/Day, Lime Slurry preparation 0.5 Kl/Day and for gardening 8.5 KL/Day. The total industrial waste water generated from the proposed project will be 4.6 KL/day. Of which, domestic wastewater generated (1.8 KL/day) will be send to septic tank/soak pit system. Industrial wastewater generated will be treated in in-house effluent treatment plant. The treated water will be reused in lime slurry preparation to achieve zero liquid discharge.

x. For the proposed project Natural Gas for incineration will be 150 SCM/Hr and Diesel i.e. 55 Lit/Hr. will be required for the D.G. set which will be purchased from the nearest petrol pump in drum and transported by road only.

xi. Total power requirement of the project is 225 KvA and the same will be sourced through Dakshin Gujarat Vij Company Limited. In case of Power failure, D. G. set of 125 KVA will be provided to fulfil the power requirement.

xii. No other CBWTF within 75 km radius. The nearest CBWTF is located at 80.6 km radial distance (i.e., 110 km by road) and having incinerator capacity of 100 kg/hr.

xiii. No Ecologically Sensitive Area, Defense Installation, Biosphere Reserve and National Park/Wild Life Sanctuary within 10 KM radius.

xxx. NBWL Clearance is not required.

xxxi. Forest Clearance is not required.

xxxii. CRZ Clearance is not required.

xviii. No court case is pending against the project.

xiv. No tree cutting is involved.

xv. Total estimated Cost of the proposed project is Rs.1.9 crores. Total capital cost for environmental pollution control measures would be Rs. 25 Lacs and recurring cost per annum would be Rs. 10 Lacs.

xiv. The proposed Common Bio-Medical Waste Treatment Facility will have great employment potential providing employment to approximately 35 full time persons.

2. Being a Category B project of Item 7(da) the project should have been appraised by the SEIAA; however, in light of Ministry's O.M. No. 22-23/2018-IA.III [E 1152311] dated 05.07.2022 in compliance of Hon'ble Supreme Court order 25.02.2022, the project is being treated as category A project and appraisal at central level as the project site fall within the critically polluted area.

Annexure -5

Background information, details of appraisal during earlier EAC meetings and information submitted by the project proponent in compliance to ADS raised, if any

Agenda 99.3.5

Capacity enhancement of SLF 19 Lakh MT to 42.86 Lakh MT in existing Common Hazardous Waste Treatment Storage, Disposal Facilities (TSDF) at Plot No. D-43, Dahej Industrial Estate, Taluka Vagra, District Bharuch, Gujarat by M/s BEIL Infrastructure Limited - Terms of Reference

(IA/GJ/INFRA2/405298/2022; F. No. 21-76/2022-IA.III)

1. The Project Proponent (M/s BEIL Infrastructure Limited) along with his consultant (M/s Shivalik Solid Waste Management Limited) made a presentation on above said proposal. The EAC (Infra-2) took note of following key parameters and salient features of the project as presented during the meeting as well as the details provided in the brief and application for this project:

i. It is an Expansion project and involves Capacity enhancement of existing Sanitary landfill facility from 19 Lakh MT to 42.86 Lakh MT in existing Common Hazardous Waste Treatment Storage, Disposal Facilities (TSDF) at Plot No. D-43, Dahej Industrial Estate, Taluka Vagra, District Bharuch,Gujarat

ii. The total area of the project is 305146.881 sq. m. Facilities to be developed are as follows:

Particulars	**Existing**	**Proposed**	**Total After Expansion**
Secured Landfill Capacity (Lacs MT)	19	23.86	42.86
Incinerator (Million Kcal/hour)	2 × 12	-	2 × 12
MEE (m^3/day)	200	760	960
ETP (KLD)	100	550	650

iii. Earlier the project was granted Environmental Clearance vide F. No. 10-43/2016-IA-III dated 19.12.2018. Thereafter, corrigendum for change in name of the project proponent from M/s Bharuch Enviro

Infrastructure Limited to M/s BEIL Infrastructure Limited has also been obtained vide letter dated 18.09.2020.

iv. The project site is located in the notified industrial area namely "Development of Petroleum, Chemical and Petro-chemical investment region (PCPIR)" by M/s Gujarat Industrial Development Corporation. The EC has been granted to PCPIR by the Ministry vide F. No. 21-49/2010-IA-III dated 14.09.2017. So the public hearing is exempted as per para 7(i) (III) (i) b of the EIA Notification, 2006 as amended.

v. After expansion, total water requirement will be 1077 KLD (Domestic-20KLD; Industrial-545 KLD; Gardening/landfill construction-77KLD; and Incineration without heat recovery-435 KLD). Fresh water requirement is being met through GIDC water supply.

vi. After expansion, total wastewater generation will be 1274.5 KLD (Domestic Wastewater 16KLD; Industrial wastewater-1258.5 KLD) and treated in ETP of 650 KLD and MEE of 960 m^3/day.

vii. Existing power load requirement is 2000kVA and additional power requirement mainly for MEE+ETP is 2530 KVA. The power requirement is met through connecting loads of Gujarat Electricity Board (GEB). In case of power failure, D.G. Set can be used. Total D.G. load available is 3330 KVA (1 × 600 kVA + 3 × 910 kVA), additional DG set proposed for expansion is 1820 kVA (2 × 910 kVA).

viii. Leachate/Effluent from landfill is being treated in Multiple Effect Evaporator (MEE) plant at site. The condensate is being treated in the ETP followed by RO system. The unit is being operated as ZLD unit.

ix. Rain water harvesting has been provided in GDCR of PCPIR or non-processing area in PCPIR.

x. Water bodies: Bhukhi khadi, Lakes/ponds near villages under PCPIR. No impact on drainage is envisaged.

xi. Parking facility: Parking regulations have been provided in GDCR of PCPIR.

xii. After expansion, 50830.53 sq. m of green area will be maintained at the project site. Budget of Rs. 150 Lakhs has been kept for green area maintenance.

xiii. No eco- sensitive area falls within 10 km radius of the project site.

xiv. The project does not falls in Critically Polluted Area.

xxxiii. NBWL Clearance is not required.

xxxiv. Forest Clearance is not required.

xxxv. CRZ Clearance is not required.

xix. No court case is pending against the project.

xvi. No tree cutting is involved.

xvii. The estimated cost of the project is Rs 29.8919 crores (for expansion).

xviii. Employment potential - During construction phase will be 150 and 20 additional persons will be required during operation after expansion

xix. Benefits of the project – 1. Scientific disposal of hazardous waste. 2. Direct & Indirect Employment generation 3. The project will have positive environmental impacts by collection and disposal the hazardous waste in the scientific manner that will reduce health hazard

2. The project/activity is covered under category 'A' of item 7(d) 'TSDF' of the Schedule to the EIA Notification, 2006 and its subsequent amendments, and requires appraisal at Central level by sectoral EAC.

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