

Minutes of the 297th meeting of Expert Appraisal Committee held on 24th – 25th May, 2022
INDUS Conference hall in the Ministry of Environment, Forest & Climate Change (MoEF&CC), Indira Paryavaran Bhavan, New Delhi for the projects related to Infrastructure Development, all Ship breaking yards including ship breaking units 7(b); Industrial Estate/Parks/Complexes/Areas, Export Processing Zones, Special Economic Zones, Biotech Parks, Leather Complexes7(c); Ports, harbors, breakwaters, dredging7(e) and National Highways7(f).

The 297th Meeting of Expert Appraisal Committee (EAC) of Infra-1 (IA-III) was held at INDUS Conference hall in the Ministry of Environment, Forest & Climate Change (MoEF&CC), Indira Paryavaran Bhavan, New Delhi during 24th – 25th May, 2022 under the Chairmanship of Dr. Deepak Arun Apte. A list of participants is annexed as **Annexure-A**.

1. OPENING REMARKS OF THE CHAIRMAN

At the outset, Dr. Deepak Arun Apte, Chairman, EAC welcomed the Members of the EAC and requested Shri Amardeep Raju, the Member Secretary of the EAC to initiate the proceedings of the meeting with a brief account of the activities undertaken by the Ministry under Infra-1 Division.

2. CONFIRMATION OF THE MINUTES OF THE LAST MEETING

The Committee confirmed the Minutes of 296th EAC meeting held on 28th – 29th April, 2022.

AGENDA WISE CONSIDERATION OF PROPOSALS:

Agenda wise details of proposals discussed and decided in the meeting are as following:

Agenda No. 3.1

Integrated development of International Container Transshipment Terminal (ICTT)-14.2 Million TEU along with Greenfield International Airport (4000 Peak Hour Passengers-PHP), Township & Area development and 450 MVA Gas and Solar based power plant in 16610 ha. Great Nicobar Islands, Nicobar District by M/s Andaman and Nicobar Islands Integrated Development Corporation Ltd – Environmental Clearance

[Proposal No. IA/AN/NCP/260108/2021 and File No. 10/17/2021-IA.III].

“The EAC noted that the Project Proponent and the consultant have given undertaking that the data and information given in the application and enclosures are true to the best of their knowledge and belief and no information has been suppressed in ELA/EM P report. If any part of data/information submitted is found to be false/ misleading at any stage, the project will be rejected and Environmental Clearance given, if any, will be revoked at the risk and cost of the project proponent.”

3.1.1. Ministry of Home Affairs vide letter no. 15020/10/2022 dated 30th March, 2022 mentioned that the Greenfield International Airport proposed at Gandhi Nagar-Shastri Nagar area of Great Nicobar Island as part of the Integrated development of the Island, will be developed as a joint military-civil, dual-use airport, under the operational control of Indian Navy. This project is for Defense, Strategic, National Security, and Public Purpose. In view of this, the portion of deliberation made for Airport component may not be made public due its strategic nature.

S. No.	Component	As per Existing EC Approval	Constructi on Completed	Constructi on pending	Proposed expansion	Total after expansion
		cement, clinkers, Iron, Steel, sugar, project cargo, break bulk, container cargo, POL, LPG, all types of chemicals and other miscellaneous cargo			cargo. Liquid/ gas/ cryogenics up to -160°C to liquid cargo including class A, B, C, petroleum product, excluded petroleum products, non-classified chemicals and petroleum products, other hazardous, toxic and non-hazardous chemicals, crude etc.	

3.5.9. The Committee after deliberation noted that the PP has obtained the EC under the provisions of EIA notification 1994 the EC validity expires in 5 years. Therefore, the EC granted in 2005 is construed to the facilities established within the validity period and operation. Through the present application submitted online, PP had applied for the expansion of the port project without considering and mentioning the part of the unit which was not completed in the earlier EC dated 2005. Now therefore the Committee advised the PP to include the incomplete part in the present expansion proposal & resubmit the proposal for consideration by the Ministry.

3.5.10. The EAC, taking into account the submission made by the project proponent had a detailed deliberation in its 296th meeting during 24th – 25th May 2022 and **return in present form** and asked the PP to submit the revised Form-I and PFR.

✓ Agenda No. 3.6

Subject: Development of 4/6 lane Greenfield Highway starts from Jalbehra (km 00.000) near Ismailabad to Patti Kankra (km 22.850) near Shahbad in the state of Haryana under Bharatmala Pariyojana (Lot-6/package-6) by M/s National Highways Authority of India (Total length – 22.850 km) – Environmental Clearance.

[Proposal No. IA/HR/NCP/242896/2021 and File No. 10/57/2021-IA.III]

“The EAC noted that the Project Proponent and the consultant have submitted undertaking that the data and information given in the application and enclosures are true to the best of their knowledge and belief and no information has been suppressed in ELA/EMP report. If any part of data/information submitted is found to be false/ misleading at any stage, the project will be rejected and Environmental Clearance given, if any, will be revoked at the risk and cost of the project proponent.”

3.6.1. The abovementioned proposal was placed before the EAC in its 297th meeting on 24th – 25th May 2022. The project proponent along with the EIA Consultant M/s P and M Solution made a presentation and presented at the Ministry in Physical mode and provided the following information:

3.6.2. The Proposed project is of Development of 4/6 Lane Greenfield Highway Starts from Jalbehra to Patti Kankara. Connecting NH-152 with NH-44 and passing through important settlements like Ismailabad, Pehowa, and Shahbad of district Kurukshetra in the state of Haryana and the Total length of the Project is 22.850 Km. Project stretch commences from Jalbehra that is about 7 km from Ismailabad and terminates at Patti Kankara which is around 4 km from Shahbad in the state of Haryana. The Geo-Coordinates of the Proposed Project are Start from Location: 30°5'28.59"N, 76°40'2.42"E and End at Location: 30°11'35.73"N, 76°51'55.09"E.

3.6.3. The Proposed Project was considered in the 284th meeting during 29th -30th Dec, 2021, the Ministry granted the ToR on 28th Jan, 2022.

3.6.4. Proposed project will fall under the category-7(f) Highways of the EIA notification 2006 and Total cost of the Project is for the proposed development is estimated to be Rs 92722 Lakhs.

3.6.5. Landuse/Landcover of project site is as the following:

S.No.	Land use/Landover	Area (ha)	Percentage %	Remarks if any
1.	Private land	108.89	90.93	Agriculture/Barren Land
2.	Government land	3.197	2.67	Agriculture/Barren Land
3.	Forest land	7.663	6.40	-
	Total	119.75	100	-

3.6.6. Public Hearing: The Public Hearing in Haryana was conducted by the Haryana Pollution Control Board on 08th April, 2022 at Village – Jhansa, District Kurukshetra, Haryana, which was presided by Additional Deputy Commissioner, Kurukshetra in the presence of, Regional officer, Kurukshetra Region, HSPCB.

Date of Public Consultation	08th April, 2022
Venue	Village – Jhansa, District Kurukshetra, Haryana
Presiding Officer	Additional Deputy Commissioner
Major issues raised	Prevent the dust during the construction of the road, causing pollution water during construction, Reduction of the air and noise pollution in the vicinity of the highway, Provision of truck lay bays, bus bays, underpasses and Pedestrian underpasses in some villages. Villagers have also demanded

	service roads and Vehicular Underpass at every 500m in the built up areas and adequate compensation to the Project affected persons.
	<p>Frequent water sprinkling will be done on RoW to suppress the dust arising during construction of project.</p> <p>The Proposed project involves Major Bridge(01), Minor Bridge(01) Flyover(01), Interchange(01), ROB(01), Vehicular underpass(01),LVUP(07), SVUP(10), and Box Culverts(23).</p> <p>Baseline studies were conducted within 10 km radius as per the guidance manual from MoEF&CC. Upon summing up the emissions during construction and operation phase, The emissions shall fall within limits prescribed. Further to mitigate any abnormalities, EMP is in place to monitor.</p>

3.6.7. The natural drainage of the project impacted area shall be maintained through improvement of 23 nos. of culverts, 01 nos. of major bridges and 01 nos. minor of bridges. The proposed alignment does not pass through any flood prone area. The peak water requirement is 6833 KLD during construction stage and will be extracted from local surface water resources i.e. from local surface/ground water (which is easily available) after getting necessary permission from concerned authority by the appointed contractor. No Groundwater extraction is proposed.

3.6.8 Rainwater harvesting structures shall be provided at the interval of 500 m on either sides of carriageway as per availability of RoW and depending on the water table of first aquifer (Approx. 46 nos. of structures shall be constructed). The total cost of the rainwater harvesting structures including its maintenance is Rs. 23,00,000 and this cost has been covered in the EMP cost.

3.6.10. The proposed alignment does not pass through Wildlife Sanctuary/National Park and its eco sensitive zone within 10 km radius from the proposed project. The proposed project does not passes through any CRZ locations.

3.6.11. Tree cutting, types, number, girth size etc.: The alignment will involve cutting of approx. 1686 nos. of trees. The avenue plantation will be carried out as per IRC SP-21 and National Green Highway policy 2015 within the available ROW.

3.6.12. Diversion of Forest Land: Approx. 7.663 ha of forest land (Railway line crossing and canal crossing) need to be diverted for construction of proposed highway. Forest Diversion proposal has been prepared and submitted as per the guidelines and consultation with concerned authorities via proposal no. FP/HR/ROAD/151373/2022 dated 31/01/2022.

3.6.13. Waste Management: Waste Management: Approx. 63 TPA waste during construction phase waste during operation phase at tolls and wayside amenities area within PROW may

be generated. Bio degradable waste shall be disposed through bio composting and other waste through landfill site.

3.6.14. Parking requirement: As per the detailed field surveys and reconnaissance, truck lay byes and bus stop have been proposed. The rest area will provide common facilities like petrol pump, first aid medical facilities, restaurant and vehicle parking etc. For petrol pump, the guidelines issued by OISD of Ministry of Petroleum shall be followed. The facilities shall be planned at approximately 50 km interval.

3.6.15. R&R Issues: Land Acquisition and R&R: About 119.75 ha land likely to be acquired, adequate compensation would be paid as per the measurement and prevailing state government norms. Further the compensation towards the acquisition of land will be made as per the provisions of the NH Act 1956 and applicable clauses and procedures as laid down in the RFCT LARR Act, 2013.

3.6.16. Benefits of the project: The proposed project would act as the prime artery for the economic flow to this region. The project will enhance connectivity between rural & urban population which will benefit the all sections of the society like general population, small-medium-large scale industries, farmers, businessmen etc. Improved access to higher education facilities & modern health facilities. It will strengthen both rural & urban economies which in turn will improve economic scenario of the state and country. Faster transportation will strengthen tourist development in the area. Improved road connectivity will help in better implementation and management of government schemes. The proposal shows a potential of economic growth along the highway & including employment generation. Construction highway is expected to generate about 500 employments of peoples during the construction phase and 70 persons during operation phase.

3.6.17. The comprehensive socio-economic assessment for the proposed project has been carried out by the independent expert of Punjabi University, Patiala. The traffic study has been done at 9 homogenous sections all along the highway and with the help of the traffic study various numbers of Underpasses, VUP (vehicle underpasses), PUP (Pedestrian underpass, Culverts, Minor and major bridges, major and minor junctions, flyovers/interchanges etc have been designed and proposed on the National highway.

3.6.18. Details of Court cases: No court case is pending against the proposed project.

3.6.19. The EAC, taking into account the submission made by the project proponent had a detailed deliberation in its 296th meeting during 24th – 25th May 2022 and **recommended** the proposal for grant of Environmental clearance with the specific conditions, as mentioned below, in addition to all standard conditions applicable for such projects:

SPECIFIC CONDITIONS

- i. In borrow pits, the depth of the pit shall be regulated such that the sides of the excavation will have a slope not steeper than 1:2, from the edge of the final section of bank. Soil

erosion checking measures shall be carried out. Details for Borrow area operation and rehabilitation given in Chapter 4 and Chapter 9 of the EIA report shall be followed.

- ii. Quarry areas shall be barricaded during mining operations. The abandoned quarry shall be developed as water reservoirs with proper fencing around quarry area. Details for Quarry area operation and rehabilitation given in Chapter 4 of the EIA report shall be followed.
- iii. In all the construction sites within 150m of the nearest habitation, noisy construction work such as crushing, concrete mixing will be stopped during the night time between 10.00 pm to 6.00 am. No noisy construction activities will be permitted around educational institutions/health centres (silence zones) up to a distance of 100 m from the sensitive receptors. All plants and equipments used in construction shall strictly conform to the CPCB/SPCB noise standards.
- iv. Traffic Control Devices/Road Safety Devices/ Roadside Furniture including various types of cautionary, informatory, regulatory as mandatory signboards, road markers, studs, etc. shall be provided at appropriate locations all along the project stretch in accordance with the specifications laid down in Manual of Specifications and Standards for Expressways (IRC: SP:99-2013) and IRC:8, IRC:25, IRC:26, IRC:35, IRC:67, IRC:79, IRC:103 and Section 800 of MORTH Specifications.
- v. All the major, minor bridges and culverts should not affect the drainage systems. Flood plains of the rivers/ drainage systems are not to be disturbed.
- vi. About 15721 nos. of trees are likely to be felled along the proposed alignment after obtaining permission from the competent authorities. Afforestation using compensatory plantation in the ratio of 1:10 shall be carried out. Native tree species shall be provided as per the IRC Guidelines on Landscaping and Tree Plantation (IRC:SP:21-2009). Effort should be made to plant native trees and Ficus species on both sides of the alignment. Special attention shall be given for protecting giant trees, and locally important trees (having cultural importance).
- vii. As per the Ministry's Office Memorandum F. No. 22-65/2017-IA.III dated 30th September, 2020, the project proponent shall abide by all the commitments made by them to address the concerns raised during the public consultation. The project proponent shall initiate the activities proposed by them, based on the commitment made in the public hearing. All other activities including pollution control, environmental protection and conservation, R&R, wildlife and forest conservation/protection measures including the NPV, Compensatory afforestation etc., either proposed by the project proponent based on the social impact assessment and R&R action plan carried out during the preparation of EIA report or prescribed by EAC, shall also become part of EMP and shall be implemented.
- viii. Proponent shall keep the finish road level sufficiently elevated from ground level with provision of railing on both sides to restrict animal crossing in order to avoid the possibility of wildlife injury/death. Major water bodies have been observed in the vicinity of the proposed road alignment & may be potential human elephant conflict points, appropriate nos of animal safe passages as per the guideline framed by the Wildlife

Institute of India.

- ix. No Ground water shall be extracted and used. Approval/permission of concerned authority shall be obtained before drawing surface water from canal or any other sources.
- x. Rain water harvesting pit shall be at least 3 - 5 m above the highest ground water table.

Agenda No. 3.7

“Multi Product SEZ” at Mundra, District Kutch, Gujarat by M/s Adani Ports and SEZ Limited – Further consideration for amendment in specific conditions of Environmental and CRZ Clearance [Proposal No. IA/GJ/NCP/261191/2022 and File No. 10-138/2008-IA.III]

3.7.1 The proposal was considered in the 294th meeting of EAC held during 11th – 12th April 2022. The EAC deferred the proposal as the matter was under examination by the Ministry.

3.7.2 It is noted that while granting EC&CRZ clearance by the Ministry, certain conditions were stipulated by the Ministry based on the recommendations of the EAC. The PP has proposed to amend the Specific Condition No. (x) & (xi) regarding restriction of Industrial activity in CRZ area other than port related activities and No Development Zone till mangrove/creek plan finalization.

3.7.3 It has been informed that, as Mangrove Conservation Action Plan is now approved, PP has fully complied with the specific condition no. (xi) under EC & CRZ clearance dated 15th July, 2014 and therefore condition of CRZ area of SEZ as “No Development Zone” needs revision. Moreover, these CRZ area can be used for carrying out permissible activities either by APSEZ or any Industry through specific permissions and therefore the specific condition no. (x) under EC & CRZ clearance dated 15th July, 2014 on “No allotment of plots in CRZ area to Industries” needs revision.

In view of the above, PP has requested for following amendments:

Specific condition no.	Specific condition	Proposed amendment	Remarks
(x)	PP shall demarcate the CRZ area on land with GPS coordinates in consultation with GCZMA the agency which has done the HTL/LTL demarcation for the area. There shall be no allotment of plot/s in CRZ area to industries. No industrial activity within CRZ area except the port and harbor & the foreshore facilities shall be allowed as committed	CRZ area can be used for carrying out permissible activities either by APSEZ or any Industry through specific permissions and therefore the specific condition no. (x) under EC & CRZ clearance dated 15 th July, 2014 on “No allotment of plots in CRZ area to Industries” needs revision.	• APSEZ has set up multiproduct SEZ to facilitate Industrial Development by utilizing its area optimally. APSEZ to carry out permissible activities & allot plots to individual industries to carry out permissible activities within CRZ area of SEZ in line with CRZ Notification, 2011 and its amendment till date.
(xi)	Till the approval of action plan for conservation and protection of	As Mangrove Conservation Action Plan is now approved, so APSEZ has	• Individual

Following members were present during the 297th EAC(Infra-1) meeting held on 24th – 25th May, 2022.

297th meeting of Expert Appraisal Committee for appraisal of proposals related to Infra-1 Sector scheduled on 24th May, 2022
 & 25th May, 2022

VENUE : Indus Conference Hall, MoEF&CC, IP Bhawna, Jor Bagh Road, New Delhi

ATTENDANCE SHEET

S. No.	Name	Chairman/member	Contact No.	Signature	
				24.05.2022	25.05.2022
1.	Dr. Deepak Arun Apte	Chairman			
2.	Shri Jeyakrishnan S	Member			
3.	Shri Manmohan Singh Negi	Member			
4.	Shri Sham Wagh	Member			
5.	Prof. Mukesh Khare	Member			
6.	Prof. Ashok Kumar Pachauri	Member			
7.	Dr. V.K Jain	Member			
8.	Dr. Manoranjan Hota	Member			
9.	Dr. Niraj Sharma	Member			
10.	Dr. M.V. Ramana Murthy	Member			
11.	Shri Nirmaledu Kumar				
12.	Representative of CPCB	Member			
13.	Representative of CGWA	Member			

Appraisals of
May, 2022

in, Jor Bagh

Signature

25.05.2022

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S. No.	Name	Chairman/member	Contact No.	Signature	
				24.05.2022 2	25.05.2022 2
14.	Shri V. Suresh	Member (Infra-2) Special Invitee	9818513844	<i>[Signature]</i>	
15.	Dr. H. C. Sharatchandra	Member (Infra-2) Special Invitee		<i>[Signature]</i>	
16.	Dr. Nandini N	Member (Thermal) Special Invitee	98206839109	<i>[Signature]</i>	
17.	Dr. Santosh Kumar	Member (Thermal) Special Invitee	8217201935	<i>[Signature]</i>	
18.	Shri Inderaj Singh	Member (NDS) Special Invitee	9441595891	<i>[Signature]</i>	
19.	Dr. Ajay Sood	Member (NDS) Special Invitee		online joined	
20.	Shri Amardeep Raju	Member Secretary (Infra-1)	970575187	<i>[Signature]</i>	<i>[Signature]</i>
21.	Dr. Ashish Kumar	Member Secretary (Infra-2)	956002942	<i>[Signature]</i>	
22.	Shri Y.P. Singh	Member Secretary (Thermal)			
23.	Dr. Shruti Rai Bhardwaj	Member Secretary (NDS)		<i>[Signature]</i>	
24.	Dr. H. Kharkwal	Member Secretary (CRZ)	20819371	<i>[Signature]</i>	

25. Dr. Suresh Kumar

26. Dr. Suresh Kumar Sec-2 20819401

27. Dr. Nobi E. P. Sec-2 20819401
