To

The Chief General Manager (P&C)
Odisha Industrial Infrastructure Development Corporation or IDCO
IDCO Towers, Janpath
Bhubneshwar - 751 022 (Odisha)

Sub: Modification cum Expansion of IT SEZ (from area 202.30 ha to 298.40 ha) with addition of Electronic Manufacturing Cluster, Commercial Area and Sport Complex under the Name of “InfoValley” by M/s IDCO – Terms of Reference reg.

Sir,

This has reference to your proposal No. IA/OR/NCP/65924/2017 dated 25th July, 2017 submitting the above proposal to this Ministry for seeking Terms of Reference (TOR) as per the provisions of the Environment Impact Assessment (EIA) Notification, 2006 and subsequent amendments under the Environment (Protection) Act, 1986.

2. The proposal for ‘Modification cum Expansion of IT SEZ (from area 202.30 ha to 298.40 ha)’ with addition of Electronic Manufacturing Cluster, Commercial Area and Sport Complex at Arisal, Harekrishnapur, Harpur, Chandihata Gaudakasipur and Durgapur villages, District Bhubneshwar in the state of Orissa promoted by M/s IDCO, was considered by the Expert Appraisal Committee (EAC) for Industrial Estate/Area, SEZ and Highways projects in its meeting held 9th August, 2017 in the Ministry of Environment, Forest and Climate Change, New Delhi.

3. The details of the project, as per the documents submitted by the project proponent, and also as informed during the above said meeting along with EIA Consultant Vimta Labs Limited, are reported to be as under:-

(i) Industrial Infrastructure Development Corporation (IDCO), Bhubaneswar propose to set up Modification cum expansion of IT SEZ project with addition of Electronic Manufacturing Cluster, Commercial areas and Sport Complex under the name of “InfoValley”, at Arisal, Harekrishnapur, Harpur, Chandihata Gaudakasipur and Durgapur villages, Jatani Tehsil, Khurdha District, Odisha.

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(ii) The present proposal is for modification cum expansion of IT SEZ 202.3 ha (500 acres) to 298.6 ha (737.9 acres) with addition of Electronic Manufacturing Cluster (EMC), Commercial areas and Sport Complex. The IT SEZ with integrated township has obtained Environmental Clearance from SEIAA vide letter No SEIAA/292 dated 02.08.2010.

(iii) It is proposed to modify and expand existing SEZ with addition of IT ITES (Information Technology Enabled Services), Commercial Area, Electronic Manufacturing Cluster and Sport Complex.

(iv) Infosys facility exist in 20.2 ha (50 Acres).

(v) The Infovalley will be developed into a preferred destination for IT ITES investors. The broad development component under infovalley include: 296.5 acres of IT-ITES SEZ; 71.2 acres of Commercial Area; 264.2 acres of Electronics Manufacturing Cluster (EMC); and 106.0 acres of Sport Complex.

(vi) Odisha Industry Development Corporation (IDCO), is the Chief Promoter for the modification cum expansion of IT SEZ project with addition of Electronic Manufacturing Cluster, Commercial areas and Sport Complex under the name of “Infovalley”.

(vii) **Water requirement:** The total water requirement for IT ITES, EMC and commercial area is 14,834 KLD. Sport complex water demand is about 1000 KLD.

(viii) **Municipal solid waste:** Approximately 45 TPD solid wastes will be generated from the project. Horticultural waste generated from the project, will be properly stored with biodegradable waste fraction and handed over to Municipal authorities for final disposal. From the sports complex about MSW 5 TPD of solid waste is expected to be generated and Electronic waste of 3.5 TPD from the EMC.

(ix) **Power requirement:** The power requirement is about 95 MW for Infovalley and will be met from Odisha power Transmission Corporation Limited (OPTCL). Sport Complex power requirement is about 5 MW.

(x) **CETP:** IDCO will set up an Effluent Treatment Plant (ETP) which is outside the purview of the Project Cost. The facility will be provided to the proposed Infovalley. The transmission network up to the respective plots shall be provided at no extra cost to the units. However the SPV or the individual units shall be charged respective costs / maintenance fees / treatment charges etc. as fixed by the Board of IDCO from time-to-time.

(xi) **If the project involves diversion of forest land:** Yes, Revenue Forest Land 39.55 ha (97.745 acres), IDCO has applied for forest clearance stage-I which is under process.

(xii) **If the project falls within 10 km of eco- sensitive area:** Yes, Chandaka-Dampara Wildlife Sanctuary (3.6 KM, NW).

(xiii) **Investment/Cost:** Rs.18,054.604 Crores.

(xiv) **Benefits of the project:** Infovalley hold the opportunity to create a unique space that builds upon Bhubaneswar City’s considerable strengths. They have the potential to develop a brand and system of successful integrated development by closing the loop on IT and ITES, software design, product prototyping to mass electronic product
commercialization. They also hold immense opportunity for job creation. The service apartment and dormitory is provided for 8600 persons. The sports complex will accommodate 50,000 persons. Additional job opportunities also exist in indirect job sectors and during the construction period.

(xv) **Employment potential:** It is estimated that there could be approximately 111,500 direct jobs created in the Infovalley.

(xvi) **Court cases, if any:** No.

4. The proposal was considered by the EAC in the meeting held on 9th August, 2017 and recommended for grant of TOR. As per the recommendation of the EAC, the Ministry of Environment, Forest and Climate Change hereby accords TOR for 'Modification cum Expansion of IT SEZ (from area 202.30 ha to 298.40 ha)' with addition of Electronic Manufacturing Cluster, Commercial Area and Sport Complex at Arisal, Harekrishnapur, Harpur, Chandihata Gaudakasipur and Durgapur villages, District Bhubneshwar in the state of Orissa promoted by M/s IDCO, for preparation of the Environment Impact Assessment Report and Environment Management Plan (EMP) with the specific and general conditions as under:

**A. Project Specific Conditions**

(i) Certified copy of report for compliance of earlier EC Conditions from the concerned MoEF&CC Regional Office.

(ii) Forest Clearance to be obtained under provisions of Forest Conservation Act, 1980.

(iii) Wildlife Clearance to be obtained under provisions of Wildlife Protection Act, 1972.

(iv) Wildlife Conservation Plan to be prepared in consultation with the State Forest Department.

(v) Develop detailed plan for water conservation and ground water recharge for the region from competent agency and provide appropriate financial mechanism to implement the same.

**B. General Conditions**

(i) Submit the details of the land use break-up for the proposed project. Details of land use around 10 km radius of the project site. Analysis should be made based on latest satellite imagery for land use with raw images. Check on flood plain of any river.

(ii) Submit details of environmentally sensitive places, land acquisition status, rehabilitation of communities/villages and present status of such activities.

(iii) Examine the impact of proposed project on the nearest settlements.

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(iv) Examine baseline environmental quality along with projected incremental load due to the project taking into account of the existing developments nearby.

(v) Environmental data to be considered in relation to the project development would be (a) land, (b) groundwater, (c) surface water, (d) air, (e) biodiversity, (f) noise and vibrations, (g) socio economic and health.

(vi) Submit a copy of the contour plan with slopes, drainage pattern of the site and surrounding area, and any obstruction of the same by the project.

(vii) Details regarding project boundary passing through any eco-sensitive area.

(viii) Green buffer in the form of green belt to a width of 15 meters should be provided all along the periphery of the proposed area. The individual units should keep 33% of the allotted area as a green area.

(ix) Submit the details of the trees to be felled for the project.

(x) Submit the details of the infrastructure to be developed.

(xi) Zoning of the area in terms of ‘type of units’ coming-up in the proposed SEZ based on the resource requirement along with likely pollutants with quantity from the various industries.

(xii) The project boundary area and study area for which the base line data is generated should be indicated through a suitable map. Justification of the parameters, frequency and locations shall be discussed in the EIA.

(xiii) Submit legal frame work for the implementation of Environmental Clearance conditions - to be clearly spelt out in the EIA report.

(xiv) Submit roles and responsibility of the developer etc. for compliance of environmental regulations under the provisions of EP Act.

(xv) Site justification of the identified industry/unit sectors from environmental angle and the details of the studies conducted if any.

(xvi) Ground water classification as per the Central Ground Water Authority.

(xvii) Submit the source of water, requirement vis-à-vis waste water to be generated along with treatment facilities, use of treated waste water along with water balance chart taking into account all forms of water use and management.

(xviii) Rain water harvesting proposals should be made with due safeguards for ground water quality. Maximize recycling of water and utilization of rain water. Examine and submit details.
(xix) Examine soil characteristics and depth of ground water table for rainwater harvesting.

(xx) Examine details of solid waste generation treatment and its disposal.

(xxi) Examine and submit details of use of solar energy and alternative source of energy to reduce the fossil energy consumption.

(xxii) In case DG sets are likely to be used during construction and operational phase of the project, emissions from DG sets must be taken into consideration while estimating the impacts on air environment. Examine and submit details.

(xxiii) Examine road/rail connectivity to the project site and impact on the traffic due to the proposed project. Present and future traffic and transport facilities for the region should be analysed with measures for preventing traffic congestion and providing faster trouble free system to reach different destinations in the city.

(xxiv) A detailed traffic and transportation study should be made for existing and projected passenger and cargo traffic.

(xxv) Examine the details of transport of materials for construction which should include source and availability.

(xxvi) Examine the details of National Highways/State Highways/Expressways falling along the corridor and the impact of the development on them.

(xxvii) Examine noise levels - present and future with noise abatement measures.

(xxviii) Identify, predict and assess the environmental and sociological impacts on account of the project. A detailed description with costs estimates of Corporate Social Responsibility (CSR) should be incorporated in the EIA/EMP report.

(xxix) Examine separately the details for construction and operation phases both for Environmental Management Plan and Environmental Monitoring Plan with cost and parameters.

(XXX) Submit details of a comprehensive Disaster Management Plan including emergency evacuation during natural and man-made disaster.

(xxxi) Details of litigation pending against the project, if any, with direction/order passed by any Court of Law against the Project should be given.

(xxii) The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.

(xxiii) Any further clarification on carrying out the above studies including anticipated impacts due to the project and mitigative measure, project proponent can refer to Proposal No. IA/OR/NCP/65924/2017.
the model TOR available on Ministry website “http://moef.nic.in/Manual/Industrial Estate”.

5. Following general guidelines are to be strictly adhered:
   (i) The EIA document shall be printed on both sides, as far as possible.
   (ii) All documents should be properly indexed, page numbered.
   (iii) Period/date of data collection should be clearly indicated.
   (iv) Authenticated English translation of all material provided in Regional languages.
   (v) The letter/application for EC should quote the MoEF&CC File No. and also attach a copy of the letter prescribing the TOR.
   (vi) The copy of the letter received from the Ministry on the TOR prescribed for the project should be attached as an annexure to the final EIA-EMP Report.
   (vii) The final EIA-EMP report submitted to the Ministry must incorporate the issues in TOR and that raised in Public Hearing. The index of the final EIA-EMP report, must indicate the specific chapter and page no. of the EIA-EMP Report where the specific TOR prescribed by Ministry and the issue raised in the P.H. have been incorporated. Questionnaire related to the project (posted on MoEF&CC website) with all sections duly filled in shall also be submitted at the time of applying for EC.
   (viii) Grant of TOR does not mean grant of EC.
   (ix) Grant of TOR/EC to the present project does not mean grant of approvals in other regulations such as the Forest (Conservation) Act 1980 or the Wildlife (Protection) Act, 1972.
   (x) Grant of EC is also subject to Circulars issued under the EIA Notification 2006, which are available on the MoEF&CC website: www.envfor.nic.in.
   (xi) The status of accreditation of the EIA consultant with NABET/QCI shall be specifically mentioned. The consultant shall certify that his accreditation is for the sector for which this EIA is prepared.
   (xii) On the front page of EIA/EMP reports, the name of the consultant/consultancy firm along with their complete details including their accreditation, if any shall be indicated. The consultant while submitting the EIA/EMP report shall give an undertaking to the effect that the prescribed TORs (TOR proposed by the project proponent and additional TOR given by the MoEF) have been complied with and the data submitted is factually correct (Refer MoEF office memorandum dated 4th August, 2009).
(xiii) While submitting the EIA/EMP reports, the name of the experts associated with/involved in the preparation of these reports and the laboratories through which the samples have been got analysed should be stated in the report. It shall clearly be indicated whether these laboratories are approved under the Environment (Protection) Act, 1986 and the rules made there under (Please refer MoEF office memorandum dated 4th August, 2009). The project leader of the EIA study shall also be mentioned.

(xiv) All the TOR points as presented before EAC shall be covered.

6. A detailed draft EIA/EMP report shall be prepared in terms of the above additional TORs and should be submitted to the State Pollution Control Board for Public Hearing. Public Hearing to be conducted for the project in accordance with the provisions of Environmental Impact Assessment Notification, 2006 and the issues raised by the public should be addressed in the Environmental Management Plan. The Public Hearing shall be conducted based on the TOR letter issued by the Ministry and not on the basis of Minutes of the Meeting available on the website.

7. The project proponent shall submit the detailed final EIA/EMP report prepared as per TORs including issues raised during Public Hearing to the Ministry for considering the proposal for environmental clearance within 3 years as per the MoEF&CC OM No J-11013/41/2006-IA-ll(l)(P) dated 8th November, 2014.

8. The consultants involved in preparation of EIA/EMP report after accreditation with Quality Council of India/National Accreditation Board of Education and Training (QCI/NABET) would need to include a certificate in this regard in the EIA/EMP reports prepared by them and data provided by other Organization(s)/Laboratories including their status of approvals etc. vide notification of the MoEF dated 19th July, 2013.

9. The prescribed TORs would be valid for a period of three years for submission of the EIA/EMP Reports.

(Raghu Kumar Kodali)
Director/Scientist F

Copy to:

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(Raghu Kumar Kodali)
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