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PROCEEDINGS OF THE PUBLIC HEARING MEETING FOR THE PROJECT OF M/S. INDIAN OIL CORPORATION LIMITED FOR THE PROJECT OF M/S. INDIAN OIL CORPORATION LIMITED FOR PROPOSED CONSTRUCTION OF LPG BULK STORAGE(1800 MT) AND BOTTLING FACILITY (INDANE BOTTLING PLANT) AT SOMANATHPUR VILLAGE IN KHORDHA DISTRICT HELD ON DTD. 20.07.2018 AT 11.00 A.M. AT PROPOSED LPG PLANT PROJECT SITE OVER PLOT NO.707(P) &708 OF VILLAGE SOMANATHPUR UNDER KAIPADAR GRAMA PANCHAYAT OF KHORDHA TAHSIL IN KHORDHA DISTRICT.

The public hearing meeting of M/s. Indian Oil Corporation Limited for establishment of proposed construction of LPG bulk storage (1800 MT) and bottling facility (Indane Bottling Plant) at Somanathpur Village in the district of Khordha was conducted on dtd.20.07.2018 at 11.00 A.M at proposed LPG plant project site over plot no.707(P) & 708 of village Somanathpur under Kaipadar Grama Panchayat of Khordha Tahsil in Khordha district. Sri Manas Ranjan Samal, Additional District Magistrate, Bhubaneswar presided over the meeting. He welcomed the public who were present at the venue for participating in the meeting. Dr. B.B Dash, Regional Officer and other Officials of Odisha State Pollution Control Board, Regional Office, Bhubaneswar organized and conducted the public hearing meeting. The public hearing in respect of the above project was held as per the schedule and at the venue in accordance with the EIA Notification S.O.1533 (E) dt.14.09.06 and subsequent notifications. The public hearing meeting with regard to date, place & time was announced in the public address system apart from its publication in local dailies. The process followed for the public hearing was adequate. The attendance sheet of the public present in the public hearing meeting is annexed in **Annexure- I**. Around 250 numbers of persons attended the public hearing meeting and 143 number of persons have signed the attendance sheet. Nine numbers of persons delivered their views whose list and their signatures are given in **Annexure-II**.

At the outset Dr. Binod Bihari Dash, Regional Officer, Regional Office of State Pollution Control Board, Bhubaneswar welcomed all the public present in the meeting. He briefly described the objective, processes and procedures followed for conducting such public hearing. He also briefed about the objectives of conducting the public hearing as per the EIA Notification No. S.O. 1533(E) of Dt.14th September 2006 of the Ministry of Environment and Forests & Climate Change (MoEF CC), Govt. of India and the detail about the proposed construction of LPG Bulk Storage(1800 MT) and bottling facility (Indane Bottling Plant). He also informed that the date, time and venue for

conducting the public hearing for Proposed construction of LPG Bulk Storage (1800 MT) and bottling facility (Indane Bottling Plant) of Indian Oil Corporation Limited was advertised in Odiya daily "The Dharatri" on dtd.13.06.2018 and in English daily "The Times of India" on dtd.14.06.2018.

He also intimated that the date, time & venue of public hearing has been announced to the public in surrounding villages by public address system.

Sri Manas Ranjan Samal, Additional District Magistrate, Bhubaneswar, briefed the audience about the importance of such hearing and invited the project proponent to make a presentation on the proposed project prior to the presentation / deliberation by the public. He also invited the public to offer their views, objections, opinions and suggestions regarding the project related to environmental issues and also they may give written representation reflecting their views. The Additional District Magistrate, Bhubaneswar explained to public that those who want to participate in the public hearing may put forth their views about the impact on the environment due to the proposed project.

Dr. B.B Dash Regional Officer, Regional Office of State Pollution Control Board, Bhubaneswar also described about the agenda of the meeting. He requested the representatives of M/s. Indian Oil Corporation Ltd. to give description about the project and environmental pollution control measures and Environmental Management Plan proposed to be taken by the project proponent.

Shri B.K. Pathy, Chief Manager (LPG-Engg.) of M/s. Indian Oil Corporation Limited welcomed the Officials and Public. He explained the project details and EMP of the project on the presentation which is given as follows:

M/s. Indian Oil Corporation Ltd. (IOCL) is a Maharatna PSU in the oil & gas sector and is engaged in the business of refining and marketing of petroleum products. IOCL is having about 91 LPG bottling plants which serve every corner of the country. INDANE (the trade name of LPG of IOCL) gas is supplied to the consumers through a network of about 5,456 distributors.

As of now there are two LPG Bottling plants at Balasore and at Jharsuguda. With the present LPG Bottling facilities in Odisha, IOCL is unable to meet the growing demand of LPG in the State. In order to increase its new customer base and to serve the

existing customers in a better way M/s Indian Oil Corporation Ltd. are augmenting their existing bottling plants and setting up new plants. With the above in view IOCL proposes to set up a green field LPG bottling plant at Khordha.

- ❖ The Project Site is located at Khurdha which is at about 18 km from Khurdha Road Railway Station and 8 km away from Khordha town.
- ❖ The Project Site is well connected by road through NH-5 and South Eastern Railway Line between Howrah to Chennai.
- ❖ Nearest domestic and international airport is Biju Patnaik International Airport at Bhubaneswar. Nearest port is at Paradeep Port.
- ❖ Latitude / ଅକ୍ଷାଂଶ : 20°07'54.47"N
- ❖ Longitude / ଦ୍ରାଘିତା : 85°34'28.28"E

DETAILS OF THE PROJECT:

Land Requirement /	32 acres land has been purchased from Shri Jagannath Temple Trust, Puri; Plot no: 701, 703,704,706,707(P) & 708(P), Vill: Somnathpur; Tehsli: Khordha; Dist: Khordha
Water Requirement /	Total Water requirement is 12 m ³ /day. Demand will be met through bore well.
Power Demand /	Maximum power demand: 400 KVA Source: The substation of the Odisha State Electricity Board, stand by DG Sets are proposed
Technology & Process /	This plant will be engaged primarily for receipt, storage and filling of LPG Cylinders to meet the domestic and industrial demand of the region

Mitigation Measures – Construction Phase

- ❖ Construction materials will be transported in covered trucks, as necessary.
- ❖ Sprinkling of water in dust prone activities including transportation on unmetalled roads.
- ❖ Continuous efforts to conserve fresh water
- ❖ Water supply and sanitation facilities for labour in work site.
- ❖ No untreated discharge will be allowed to meet water courses.
- ❖ Storage space for construction materials.

Development of greenery from early days of the project construction

Mitigation Measures – Operation Phase

AIR POLLUTION

- ❖ Stack of required height for standby DG sets as specified by CPCB.
- ❖ Greenery along plant boundary to check fugitive dust emission.

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- ❖ Entire unloading operation of all Tank Trucks is leak free.

Water Pollution Control

- ❖ Waste water management philosophy is based on "Minimum Discharge" Concept.
- ❖ Water quality will be maintained within the norms.
- ❖ Waste water generated during mock fire drills (only once in a month) is passed through vapour trap and discharged into natural drainage/rainwater harvesting ponds.
- ❖ During rainy season, the rain water is discharged through properly designed storm water drain after passing through vapour trap/rainwater harvesting ponds.

NOISE POLLUTION MITIGATION

- ❖ All equipment will be procured with built in noise abatement measures to restrict noise level < 85 dB (A) where measured 1 m away from the source.
- ❖ For equipment where this cannot be achieved, the noise generating equipment will be housed in suitable acoustic cover and building so that the noise level outside the building will be 75 dB (A).
- ❖ The resultant noise level within the proposed LPG Plant will remain within 75 dB (A) during day time and 70 dB (A) during night time respectively.

SOLID WASTE MANAGEMENT

- ❖ No solid Waste shall be generated from operation of proposed Mounded Bullets. Used oil, grease and empty drums shall be disposed off through registered vendors as per Handling of Waste Material and Transboundary Rules, 2008 and subsequent amendments.
- ❖ All biodegradable waste (food and kitchen waste) at the proposed LPG Plant will be collected and disposed off as per well established practice.

Greenery Development

- ❖ Greenery will be developed around the terminal in the vacant land space to check the fugitive dust emission.
- ❖ The fire protection and detection system are in accordance with OISD 144/150.
- ❖ The fire water pumps are activated automatically. When the fire-water header pressure is low, the jockey pump maintains the pressure automatically. The foam is sucked through Venturi system
- ❖ All routine exercises shall be carried out on the basis of standard SOP as a part of preventive measures to eliminate leakage and accidents. Preventive maintenance of equipment shall be carried out as per OISD guidelines.
- ❖ The following safety measures are also conceived to combat with emergency scenario that may arise within the proposed LPG Plant due to accidental release of petroleum products through leakages/ spillages:
 - ✓ *All or inlet-outlet valves of the MSV will be provided with fire safe remote operated valves.*
 - ✓ *High Level Alarm*
 - ✓ *Vapour Extraction System.*
 - ✓ *Automated Fire Detection and Alarm System*
 - ✓ *Automated Fire Protection System (Hydrant & Sprinkler System)*
 - ✓ *Fire Extinguishers*

- ✓ *Automated Hydrocarbon Detectors*
- ✓ *Emergency Shutdown (ESD) System*
- ✓ *Fire Water storage tank*

The following is the summary of the public hearing proceedings, reflecting the views and relating to environmental issue as well as some of their demands, expressed by the assembled public at the venue. It was recorded by the officials of the Regional Office of State Pollution Control Board, Odisha, Bhubaneswar.

1. Sri Joginath Bahubalendra, Kaipadar, Village, Khordha: Sri Bahubalendra

Welcome the officials sitting on the dais and the public. He welcomed the project proposal of the installation of the Bottling Plant. He told that though this land belongs to Shree Jagannath Temple, people of Deulatangi and Somanathpur village were depend on the land for their livelihood. He pointed out about the environmental issues and requested to protect the environment, control pollution and saving people's interest. He also requested to engage unemployed youth in the plant from Somanathpur, Deulatangi and Kaipadar. He suggested that development of above villages and other nearby villages should be taken up along with CSR activities of the company with due consultation with local Sarpanch and elected representatives and public. He further appealed the industry to take care of the affected people, the plantations and green belt development. The number of trees shall be chopped off due to project should be compensated by making more number of plantations.

2. Sri Ajit Kumar Pattnaik, Deulatangi: Sri Pattnaik expressed that the present site

on which the project is going to be established belongs to Shree Jagannath Temple Administration. He further stated as follows. The Temple Administration Officials should have been here. He requested Temple Administration officials to follow appropriate procedure to sale or transfer the land to any project to be established with due consultation with the people dependent on the land. There was a house called Baruni Chetana Kendra on project site which was demolished and trees were felled down. He urged upon to constitute a team involving of local people to visit existing plant consisting of above facilities so that they will be convinced about the environment pollution mitigation measures. He apprehended that there may be gas leakage or fire hazards which may affect nearby villages in and around 03 to 04 Kilometer area at the project site. There shall be ground water depletion in Kuradhmal, Deulatangi and Kaipadar villages due to ground water extraction by the project activities and wanted to know remedial measures. Due to project activities there shall be water pollution and wanted to

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know about water pollution control measures. The details of control and mitigation measures on water pollution, air pollution and noise pollution in project report should be given to them in written commitment so that they shall be convinced. He demanded development of the nearby villagers and employment of unemployed youth of the locality. He requested Temple Administration officials to rectify the revenue records of the project sites or nearby as Mango Tree garden not grassland. The villagers at Kuradhamal, Deulatangi and Nuasahi should be taken into confidence and with due consultation with them project and developmental activities should be taken up. The festival activities of "Mundia Gusain" of nearby area should be taken care of by project authorities. He handed over a written representation to Additional District Magistrate in the meeting. The project may come up and operate in conformity with pollution control norms. Sri Pattnaik demanded that a map should be provided to them and properly developed road should be provided in the area for access of all villagers to their livelihood area. He thanked for conducting public hearing meeting in the project site.

3. **Sri Iswar Chandra Mangaraj, Kaipadar Village:-** Sri Mangaraj welcome all present in the public hearing meeting here. He urged that Temple Administration officials should have been here. He further expressed as follows. He wanted to know the compensation to be given by M/s. Indian Oil Corporation Ltd. for those were dependent on Mango trees for their livelihood. They wanted written commitment on control and mitigation measures on environment pollution due to project establishment, which should be strictly followed. He demanded to engage local people from Kaipadar and Kuradhmal Panchayat in the project work and all development work should be done in these Panchayats. He welcome the project work and they want written commitment on compliance of pollution control norms. He wanted road development of area around project area. He wanted to know about disposal of waste generated from the plant. The depletion of ground water of nearby area shall be remediated, if ground water extraction shall be done due to project. The hospital proposed at Kaipadar shall be developed. The help shall be extended to Kuradhamal Village deity for development of the deity.

4. **Sri Bibhu Prasad Baliarsingh, Kaipadar Village:-** Sri Baliarsingh welcome all present in the meeting. He told that he welcome project establishment. He further expressed as follows. Appropriate due attention should be given toward environment protection. The numbers of trees chopped of should be compensated by afforestation.

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In lieu of an existing garden area of two acres they shall be given two acre in nearby area. The unemployed youth shall be employed in the project and most affected villagers demands of Somanathpur, Kaipadar and Kuradhamal villages shall be fulfilled. Kaipadar villages are affected by ground water depletion which shall be resolved. A committee involving local people should constituted and visit other exiting plant to learn and implement best environmental protection practices. All demands shall be fulfilled by project authorities.

5. Sri Prasana Kumar Samantaray, Kuradhamal:- Sri Samantray welcome all and told that the project site was a better fodder land for nearby villages of Kuradhamal, Kaipadar, Somanathpur and Deulatangi which is now lost due to project to be established. He further expressed as follows. He agreed to the points raised by previous speaker Sri Ajit Pattnaik. He requested Project Authority to take care of environment pollution and take preventive measures to any gas leakage. Because, the nearby villages shall be affected most and these must be attended to. The Temple Administration should give due attention for protection of their village road and cremation ground. The demand shall be fulfilled by M/s. IOCL Authority. The unemployed youth of area shall be engaged. The development works of their nearby villages of two panchayat should be taken up so that they shall forget hardship. The local vehicles may be engaged for transportation activities of the project.

6. Smt. Rajshree Champatiray, Sarpanch, Kaipadar :- Smt. Champatiray expressed that specific attention shall be given towards environmental pollution control, and non release of toxic gas. She demanded engagement for poor and eligible candidate in project. She also demanded for Panchayat development works such as road communication, drinking water supply, lighting facility, education, helping SHGs, health training of intelligent youth, transportation of goods by local youth. She wanted protection of people of the Panchayat from environment degradation, if any.

7. Satyabadi Swain, Deulatangi : Sri Swain expressed that the project of M/s. IOCL shall be established and all inhabitants of two Grama Panchayats welcome project establishment. He further expressed as follows. The people have certain objections and complaints which should be redressed. The unemployed youth of two panchayats may be engaged / benefited. A hospital facility in Kaipadar shall be taken up or developed. A road may be provided to villagers to access their agricultural fields near project site.

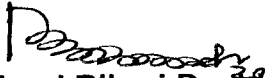
8. **Sri Tapan Kumar Patra, Kaipadar:** Sri Patra welcomed all and repeated what earlier speakers have told. He also added that the plant authority will engage local people and take care of the people of Kaipadar Gram Panchayat.

9. **Sri Achyutananda Pradhan, Deulatangi:** Sri Pradhan expressed that they are happy that public hearing is being conducted. He expressed further as follows. The announcement in public address system was done about public hearing. There was huge grazing field on project site, which was used as grazing field for cattle of nearby five villagers. There was a "Baruni Chetana Kendra" developed by Horticulture Department and plantations of Teak, Cashew, Mango and Jackfruit etc. These trees produced fruits used to be served at Somanathpur village deities. The project authorities should give a written commitment for benefit of all villagers of two Panchayats. He requested that affected people should be given priority on all benefits to them. The approach road to their deity shall be developed. The road widening and adequate plantation on both side of road shall be taken up. The health facility and education facility should be taken up.

After the deliberations were made by the public, the summary of the views and concerns of the public with minutes of the public hearing meeting were read out in Odia language by the Regional Officer of State Pollution Control Board, Bhubaneswar. Then, he invited the Representative of the industry to offer their views on issues raised by the public. Shri B.K. Pathy, Chief Manager (LPG- Engg) on behalf of M/s. Indian Oil Corporation Ltd. has placed his views on the issues raised by the Public. The summary of the views and concerns of the public and the commitments made by the Project Proponent are annexed in Odia language & English language as **Annexure-III & IV**, respectively. Three Numbers of representations have been received during the public hearing meeting which are annexed herewith as **Annexure-V**.

At the closing of the meeting Additional District Magistrate, Bhubaneswar thanked the public for their patient hearing and their participation in the deliberations and for concluding the meeting in a peaceful manner. The video recording of the entire proceeding of the meeting is placed herewith.

Finally the meeting ended with a vote of thanks to the chair and all participants present in the meeting.


(Dr. Binod Bihari Dash) 3/7/18
Regional Officer,
State Pollution Control Board, Odisha,
Regional Office, Bhubaneswar.


(Sri Manas Ranjan Samal)
Additional District Magistrate,
Bhubaneswar