

**PROCEEDINGS OF THE MEETING OF STATE LEVEL EXPERT APPRAISAL
COMMITTEE, ODISHA HELD ON 06TH FEBRUARY, 2017**

The SEAC met on 06th February, 2017 at 11:00 AM in the Conference Hall of Odisha State Pollution Control Board, Bhubaneswar under the Chairmanship of Dr. B.K. Patnaik. The following members were present in the meeting.

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| 1. Dr. B.K. Patnaik | - | Chairman |
| 2. Dr. Dibakar Swain | - | Member |
| 3. Prof. P.K. Mohanty | - | Member |
| 4. Dr. D.K. Rout | - | Member |
| 5. Dr. S.K. Biswal | - | Member |
| 6. Sri B.C. Prusty | - | Member |
| 7. Dr. S.C. Nayak | - | Member |
| 8. Sri Sridhar Behera | - | Member |
| 9. Dr. R.C. Mohanty | - | Member |
| 10. Sri A.C. Mohanty | - | Member |

The agenda-wise proceedings and recommendations of the committee are as detailed below:

ITEM NO. 01

PROPOSAL FOR ENVIRONMENTAL CLEARANCE FOR BHAGABANPUR DECORATIVE STONE MINES OF M/S. NEELACHAL GRANITE PVT. LTD OVER AN AREA OF 5.29 AC OR 2.141 HA. AT VILLAGE-BHAGABANPUR, TAHASIL-DIGAPAHANDI, DIST-GANJAM.

Bhagabanpur mining lease area over 5.29 acres or 2.141 hectares in village Bhagabanpur of Ganjam district, Odisha is granted for mining lease of decorative stone for a period of 20 (twenty) years in favour of **M/s Neelachal Granites Pvt. Ltd.** vide terms and conditions letter No. IV (DS) SM-170/2015/80007SM, dated 24.08.2015, Department of Steel and Mines, Govt. of Odisha, Bhubaneswar. Decorative stone in the M.L area is proposed to be mined out by conventional method of semi-mechanized opencast mining through the formation of safe benches which will be on single shift basis. Total manpower requirement for the project will be 86 nos.

The lease area is granted in favour of **M/s Neelachal Granite** which will be operated after the execution of mining lease deed. It is evident that demonstrated mineable reserve of decorative stone over the area is 126742 m³ and that has formed on the basis for working over this Bhagabanpur Decorative Stone Deposit in the M.L area of 2.41 hectares to produce decorative stone from 11720 m³ in the first year to 19140 m³ per annum in the fifth year of the ensuing plan period. The method of mining will be semi mechanized open cast method.

Lease area is accessible from Berhampur town of Ganjam district through Berhampur-Aska State Highway. The area is connected through the state highway covering a distance of 8 km

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from Berhampur town. There is no top soil generation during the plan period. The hill in the M.L area is exposed with thin weathered boulders of granite gneiss at top up to 0.1-0.5m depth. A total of 77920 m³ (in-situ) and waste/rejects is likely to be generated during the plan period. Depending upon the essentiality, out of these waste/rejects about 50% or more is assumed to be utilized con-currently for construction and maintenance of road in & outside the lease area and will be sold to the local entrepreneurs for use as construction materials. The remaining wastes will be dumped over an area of 0.145 cum with single terrace at an average of 4m height (max.) on the barren land towards the northern as well as southern part of the M.L area. These saleable stone will be stacked on temporary basis on the barren land towards the northern as well as southern part of the M.L area. Site services such as site office-cum-first-aid center and rest shed will be constructed in the M.L. area. A tube well will be dug in the M.L area to avail the drinking water which is carried to quarry site, stored in an earthen pot and kept under a shed to preserve coolness.

The programme of afforestation is proposed to plant 1300 nos. of saplings along the safety zone boundary over an area of 0.457 ha during the five years of the plan period. Local species like Mango, Neem, Mahaneem, Chakunda, Accacia, Eucalyptus etc. are proposed to be planted with an average spacing of 5ft between two consecutive plants depending upon the surface relief. No electricity connection within ML area. However solar lights will be employed for day to day living purposes. Diesel requirement of 10000 liters/month for operation of mining equipment and DG sets. Proposed cost of the project will be ₹ 320 Lakhs.

The consultant **M/s Kalyani Laboratories Pvt. Ltd. Plot No.-1867, Bomikhal, Bhubaneswar – 10** made a detailed presentation on behalf of the project proponent. The committee observed that following decorative mines are coming within 500 meters including this proposal

Sl. No	Name of the Mines	Lease area	Remarks
01	Bhagabanpur Decorative Stone Mines M/s Neelachal Granites Pvt. Ltd.	2.141 Ha	New Mines Applied for EC
02	Bhagabanpur Decorative Stone Mines M/s Maa Bai Laxmi Granite	7.547 ha	New Mines Applied for EC
03	Bhagabanpur Decorative Stone Mines M/s Illias Ahmad	4.108 ha	New Mines ML granted on 10.02.2015
04	Bhagabanpur Decorative Stone Mines M/s Ajax Petro	10.368 ha	Old mines granted before 9th Sept. 2013 and mining operation is being closed since last 3 Years because of statutory requirements.
05	Bhagabanpur Decorative Stone Mines	31.0808 Ha	

Sl. No	Name of the Mines	Lease area	Remarks
	M/s Amarjothi Granites (I) Pvt. Ltd.		As per MoEF Notification 1 st July 2016 the area of mining will not include for calculation of area of cluster.
06	Bhagabanpur Decorative Stone Mines M/s Illias Ahmad	24.225 Ha	
07	Bhagabanpur Decorative Stone Mines Sri A. N. Bakshi	40.198 Ha	EC granted before December 2016 so area not included under Cluster as per MoEF Notification 1 st July 2016
Total Area of Cluster		13.796 Ha (Cat. B2)	EMP is being prepared taking into account to all the surrounding mines however the cluster area only includes Decorative stone mines of M/s Neelachal Granites Pvt. Ltd., M/s Maa Bai Laxmi Granites and M/s Illiyas Ahmad

After detailed discussion, the SEAC decided to take decision on the proposal after receipt of following information/ documents from the proponent.

1. Baseline data of the study area on air, water and noise for a minimum period of one month is to be included in EMP and modified EMP to be submitted.
2. CSR activities and other activities where joint consensus is required to be done by all the mines owners in cluster and legally tenable agreement between them to this effect is to be submitted.
3. Manual loading of granite block should be avoided to prevent accident. Mechanical loading of granite block should be explored. An undertaking to this effect shall be submitted.
4. The proponent shall obtain safety clearance from DGMS before going for mining activity. A copy of application submitted to DGMS for safety clearance is to be submitted.
5. Detailed proposal for waste generation and its utilization is to be submitted.

ITEM NO. 02

PROPOSAL FOR BHITARAMADA HILL IRON ORE MINES OF M/S R.C. DAS & SONS OVER AN AREA OF 3.047 HA. IN THE VILLAGE OF BHITTARMADA HILL OF BADAMPAHAR RESERVE FOREST UNDER BAMANGHATI SUB-DIVISION OF MAYURBHANJ DISTRICT.

The applied mining lease area over 3.047 Hect, is located in village Bhitramda hill, under Bamanghaty sub Division of Mayurbhanj district, Odisha. The Area can be located in Survey of India Toposheet No. 73 J / 4. The lease area is bounded by the Latitude 22° 08'35" N to 22° 08' 48" N and Longitude 86° 12' 08" E to 86° 12' 10" E. The above said lease area was

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applied by M/s R .C Das & Sons and was granted a mining lease for iron ore over an area of 20 acres vide govt letter no 4132/MG dated 30.03.84. Subsequently as per the revised survey and demarcation done by Directorate of Mines, Odisha vide the provisions contained in Rule 33 of M. C, Rule, 1960, the final area came to be 3.047hects or. 7.53 acres.

Before execution of the said lease government of Odisha has asked the applicant to prepare and approve the forest de-reservation proposal and submit it to Govt vide Letter no 13499/SM/dt27.11.92. As no mining plan has been prepared for the granted area, the present mining plan is being prepared which is a statutory requirement and will form the base for preparation of the forest De- reservation proposal and obtaining of Environmental Clearance as per EIA Notification 2006.

The Project Proponent is M/s R C Das & Sons. At /Po-Badampahar, Dist- Mayurbhanj, Odisha. The applicant is a Partnership Firm engaged in mining business and being operated through its partners. The said firm has long experience in mining of ore. The applicant intends to mine iron ore which is occurring in the applied M.L. area.

Mining Plan has been prepared by the Mr. Arindam Das, Recognized Qualified Person, Regn. No. - RQP/BBS/037/2001/A. The Mining Plan has been approved by the Regional Controller of Mines, Indian Bureau of Mines, Govt. of India. Bhubaneswar vide letter no. MP/MAN/19-ORI/BHU/2008-09 dated 19.12.2008.

The applied ML area is accessible by pitch top road connecting ML area and Rairangpur & Jasipur SH is around 10 Kms from the western side of the lease area. The nearest railway station is Badampahar Railway station at a distance of 1.0 kms from the lease area. The area can also be approached from Bhubaneswer via, Baripada and Rairangpur. The nearest port is Haladia, which is 250 km away from lease hold area. The SE railway line connecting Badampahar and Tatanagar is only 3km away from the lease hold area. The nearest railway station is Badampahar which is 1.0 km away from the area.

The proposal is for proposed production of 18540 TPA of Iron Ore with Opencast manual method of mining. It is proposed to start mining from the existing quarry situated at the south eastern part of the leasehold. The mine will be of category 'B' and will be worked by manual method of opencast mining by benching. Development/working of the deposit will be achieved by jack hammer drilling and blasting with permitted explosives.

The mining will be done by the deployment of pick-axe, hand shovel, chisel etc. for excavation, spade and basket for loading & truck/tippers for transportation. The proposed planning for the next five years has been programmed in the float ore zone with lateral and depth ward extension. It is also claimed to develop the benches with proper height and width adopting

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manual method of working. Height of each bench will be maintained at 1.5 m and the width of bench will be minimum 1.5 meter. The excavation and loading of overburden will be done manually. The overburden will be transported to dump yard by 10 tonne capacity dumper

The demonstrated reserve for iron ore (Proved + Probable) of applied lease area comes out to be 110196 MT (37656 MT + 72540 MT). It is proposed to maintain average output level at 18,151.2 Mt of iron per year. At the above rate of production, the life of the mine is about 6 years as the total demonstrated reserve is 110196 MT.

The production rate of iron is anticipated to be kept around 18540 TPA per annum. And at this rate of production the life of the mine will be around 6 years. This may increase or decrease depending upon the rate of production as per market condition. Life of the mine may increase by the addition of proved reserve through exploration in the ensuing plan period.

The excavation will reach the ultimate pit limit boundary at the conceptual period. These areas will also be reclaimed & rehabilitated through plantation of local species. A total of 2.353 heccts of mined out area, which will be backfilled and rehabilitated in the conceptual period. 70588 m³ of waste will be generated during the plan period from the quarry 3&4 are proposed to be dumped temporarily in the western side of the proposed development quarry during first two years, which is inside the ultimate pit limit. The barrenness of the area will be proved by proposed borehole nos. 1,2,3 4 & 5 which have been proposed in first year of the plan period. If in the proposed development quarries the ore is exhausted completely within the first two years then the waste in the temporary dump will be backfilled in this quarry after two years. During third to fifth year of development the generated waste will be dumped temporarily over the backfilled quarry. After complete exhaustion of ore from the quarries 3&4 during last three years the waste in the temporary dump will be again backfilled in the mined out areas of exhausted quarries. The retreating method of dumping will be adopted. The ultimate dump slope will be 200-220 with individual terrace slope not exceeding 370. At the conceptual period the entire waste will be utilized for backfilling of the mined out area. Hence, there will be no dump in the conceptual period.

The Leasehold area displays an undulated topography with hillocks. The maximum elevation of the area is 535m from MSL & located towards south east side of the area where as minimum elevation is 420m from MSL & is located at the north west of the lease hold area. The area can be considered to be of comparatively rugged nature having steep hill slopes. The block is characterised by the presence of elongated and steep slope hills. The natural water course is a seasonal nala which is flowing in the northern of the lease hold Area.

The said Iron Ore Mining Project of M/s R. C. Das & Sons falls within Badampahar Reserve Forest. There is no human settlement within the Mining Lease Area and no private land

involved. However, R & R Policy of Govt. of Odisha will be followed if required. The details will be provided in the final EIA report.

The project cost expected for this proposal is ₹ 20.00 lacs. Being a mining project apart from the mine establishment and operating cost PMCP and abandonment cost are also considered. The project will bring improvements in the physical and social infrastructures in the area definitely to some extent, apart from providing direct employment, contractual employment and indirectly employment and mostly from the local community due to the proposed Iron Ore mining operations.

The consultant **ERS (I) Pvt. Ltd., Bhubaneswar - 751024** made a detailed presentation on behalf of the project proponent. The SEAC observed the following:

1. The mine is located at a distance of 8 km from the Similipal Sanctuary. Hence, the location of the mine is within 10 km default area boundary of Eco-Sensitive Zone of Similipal Sanctuary.
2. The MoEF&CC, Govt. of India has notified the list of activities which could be allowed, promoted, regulated or prohibited in the Eco-Sensitive Zone. In the above said list, activity such as commercial mining is prohibited in the Eco-Sensitive Zone.

After detailed discussion, the SEAC recommended to reject environmental clearance for the proposal for the following reason:

1. The location of the mine is within 10 km default area boundary of Eco-Sensitive Zone of Similipal Sanctuary and the commercial mining is prohibited in the Eco-Sensitive Zone as per Notification of MoEF&CC, Govt. of India.

ITEM NO. 03

PROPOSAL FOR ENVIRONMENTAL CLEARANCE OF M/S B.R. SPONGE IRON & POWER LTD. FOR JIGGING MACHINE OF CAPACITY 50 TPH IN THE EXISTING SPONGE IRON PLANT OF CAPACITY 2X100 TPD IN THE VILLAGE BADTUMKELA, RAJAMUNDA IN THE DISTRICT OF SUNDARGARH.

This is a proposal for environmental clearance for installation of air jigging machine of capacity 50 TPH for beneficiation of coal within the existing sponge iron plant of 2x100 TPD, at – Badtumkela, Rajamunda in the district of Sundargarh. The Committee observed that the project falls under category-A of schedule of EIA Notification 2006 and amendment thereafter taking into account the production capacity of the whole sponge iron plant and decided to return the proposal to SEIAA, Odisha with a request to transfer the file to MoEF&CC, Govt. of India for appraisal of the project as Category-A..

ITEM NO. 04

PROPOSAL OF SRI G.N.V. NAIDU FOR DANEI DECORATIVE STONE DEPOSIT OVER AN AREA OF 48.11 ACRES IN VILLAGE DANEI , BERHAMPUR, TAHASIL – CHHATRAPUR IN THE DISTRICT OF GANJAM.

M/s Stone Fields intends to mine decorative stones which are occurring in Chhatrapur region of Ganjam dist. In response to the application for ML, the Steel & Mines Dept. issued letter of acceptance of terms & conditions for grant of ML vide letter no. 4361, dt. 13.05.2015. On acceptance of the aforesaid conditions by M/s Stone Fields, the precise area map along with boundary description and land schedule of the stone deposit were issued vide letter 7196 /DM, dt 22.08.2015 by the Director of Mines, Govt. of Odisha. Earlier the proposed area was under PL for a period of two years from 2005-06 to 2007-08; during which the licensee carried out detailed prospecting investigation by making ten trial pits and eight bore holes.

The ML area over 19.469 ha. (48.110 acres) has bouldery hill topography having five small hilltops. The ML area falls in Toposheet No. 74 A/15. The highest altitude point in the leasehold is at 70m MSL in central part and lowest altitude point is at 26m MSL in SW corner. The area is devoid of any forest and of Abada Ajogya Anabadi (Kissam - Patharabani) type. There is no seasonal or perennial nala in the precise area. The lease area can be approached from Chhatrapur (6.2km in SE direction) covering a road distance of 11 km. The ML area is 200m from the main road.

As per the mining plan, the maximum production for which EC to be sought is 12,300 m³; out of which 2460 m³ will be saleable, 6150 m³ will be presently non saleable and 3690 m³ will be waste. Estimated demonstrated mineable reserve is 8,15,268 m³ and at the present rate of excavation the life of the mine is expected to be 66 years. However the life of the mines may change basing upon the rate of production.

Open cast semi-mechanized method of mining will be adopted in single shift during the mining operation within the plan period involving drilling only. Height & width of the benches are proposed to be 5m each with 45^o as overall bench slope. Drilling is proposed to be carried out by jack hammer. OB will be removed by single bucket excavator to facilitate recover of decorative stone blocks by deploying jack hammer drilling and diamond wire saw cutting. From main block cutting, the maximum stone dimension opted in the face is 11m X 6m X 6m.

The proposed decorative stone mining shall engage 6 technical & administrative staff and 33 skilled & unskilled labourers. Local people shall be given preference in employment. 500 saplings of Osta, Neem, Mango, Chakunda, Jhaun, Su babul, Karanja, Ata, Kaniara are proposed to be planted on the safety zone where soil alluvium is available covering an area of 1.730 ha. at a gap of 2.5m. Apart from it, plantation will be carried out along both the sides of 200m road upto the main road. 160 no. of sapling will be planted all along the transportation road.

The major cause of air pollution in this open cast mining is mainly caused due to generation of dust arising from mining activities. In case of this opencast mine mining operations drilling, mining extraction, loading and unloading, movement of vehicles on haul roads, dumping, etc. are expected to generate airborne fugitive dusts. Dust emanated during drilling operation,

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loading /unloading and transportation could be reduced by providing drills with dust arrester or collector, Proper maintenance of drill bits, sprinkling of water during drilling operation, the unmetalled service roads are proposed to be metalled or adequately compacted before being put into use, Saleable decorative stones shall be transported by properly fixing in the trucks, Waste shall be transported to stack yard without overloading to avoid spillage & generation of dust, Continuous cleaning of haul roads & pot holes are regularly filled, Water sprinkling during loading, unloading and transportation in the haul roads.

In the manual open-cast mine, mining operations such as occasional drilling & cutting, loading and unloading, movement of dumpers are expected to generate noise. In this particular mine, the quantity of decorative stone production being small, the operation will be limited to one shift of eight hours duration in a day.

Water management, including storm water drainage scheme by a network of garland drains/ diversion ditches & catch-pits has been planned. The garland drains shall be routed through settling pits and settling tanks to settle out suspended solids in the storm water, settling pits & drains shall be cleaned periodically, especially before and after rainy season. The ground water table in the nearby at village Danei Berhmapur is 5m below the surface level i.e. at 15m AMSL during the post monsoon season whereas during summer it goes down to 8m. Since the ultimate mining depth at the end of the conceptual period will be at 26m AMSL, intersection of ground water table will not be encountered.

The principal solid waste produced during the open cast mining of decorative stone mining process is mostly non saleable waste. The dumping of overburden from Danei Decorative Stone Mines will be done in scientific manner. Total 12585 m³ of waste material will be generated during the plan period whereas the volume of waste generated during the conceptual period is estimated to be 9,95,028 m³. Boulder wall of 1.5m high & 0.75m width followed by garland drain all around the dump at the toe shall be formed so that the rain water falling over the slopes and bringing down small quantities of silt will be arrested at the toe itself and prevented from going far away to agriculture land & into the nearby nalas etc.

Considering the information furnished and presentation made by the proponent, the SEAC decided to take decision on the proposal after receipt of following information/documents from the proponent.

1. Manual loading of granite block should be avoided to prevent accident. Mechanical loading of granite block should be explored. An undertaking to this effect shall be submitted.
2. Detailed proposal for waste generation and its utilization is to be submitted. Stripping ratio as indicated in the form-I is different in mining plan. This has to be clarified.
3. Certificate from mining officer that there is no other mines located within 500 meters from the boundary of lease area.
4. Details of Corporate Social Responsibility (CSR) activity.

5. Copy of terms and conditions issued by Steel and Mines Department for mining lease.
6. Certificate from the mining officer that the dead quarry located within lease area is prior to the Terms and Conditions issued by the Steel and Mines department, Govt. of Odisha to the Mine Owner and unauthorised.
7. Details of plantation.
8. Permission status of drawl of ground water.
9. Detailed calculation for Saleable and Non-saleable decorative stone.

ITEM NO. 05

PROPOSAL FOR ENVIRONMENTAL CLEARANCE FOR UPPER VANSADHARA PROJECT WHICH ENVISAGES CONSTRUCTION OF 1050 M LONG EARTHEN DAM ACROSS RIVER VANSADHARA IN VILLAGE TOVAPODAR IN THE DISTRICT OF KORAPUT BY DEPARTMENT OF WATER RESOURCES, GOVT. OF ODISHA WITH CULTURABLE COMMAND AREA OF 9633 HA (TOR).

The proposal was considered by the committee to determine the “Terms of Reference (TOR)” for undertaking detailed EIA study for the purpose of obtaining environmental clearance in accordance with the provisions of the EIA Notification, 2006 and amendment thereafter.

The Upper Vansadhara project envisages construction of a 1050 m long earthen dam with a chute spillway of 247.5 m length across river Vansadhara at 19°45’ N latitude and 83°30’ E longitude near village Tovapodar in Rayagada district of Odisha. The catchment area intercepted by dam is 529 sq. km. The construction of the dam at Tovapodar creates a reservoir having gross storage capacity of 105.31 MCM. The live storage capacity is 84.5 MCM at Full Reservoir Level (FRL) of 328.0 m and the bed level of the dam is 294m.

A total 26 nos. of villages are coming under submergence partially. 6 nos. of villages out of 26 villages are submerged more than 50%. The total submergence area is 1397.4 ha. No reserve forest is required to be acquired for the project regarding construction of reservoir or canal. Two canals namely RMC of length 28.9 KM and LMC of length 18.925 KM off take from both sides of the dam. Both the canals are contour canals.

The gross command area of the project is 14973 ha of which 9633 ha is culturable command area (CCA). The annual irrigation is for an area of 15534 ha with an intensity of 94.5% and 66.5% during Kharif and Rabi seasons respectively. The area irrigated during Kharif is 9107 ha while area irrigated during Rabi is 6477 ha. Industrial and Drinking Water requirement met by this project are 45 MCM and 1.68 MCM. The land use pattern will change due to construction of the canal network as well. The land use pattern of the command area will also change due to increase in cropping and irrigation intensities. The total land required for the project is 2097.022 ha which comprises of different category of lands as depicted below:-

Over all Land

- Private Land : 1281.199 ha.
- Forest Land : 352.619 ha.
- Govt Land : 443.191 ha.

A. For Submergence, Dam site and Spillway:-

- Private Land : 823.671 ha
 - Forest Land : 280.776 ha
 - Govt Land : 292.947 ha
- Total :1397.394 ha**

B. For Canal and Distribution system:-

- Private Land : 457.528 ha
 - Forest Land : 71.843 ha
 - Govt Land : 150.244 ha
- Total : 679.615 ha**

Other than this 20 hectare for colony preferably in non-forest government land only. The total cost of the project is 461.90 crore. The cost has been worked out as per price level, 2010. The cost of the head works and Main canal, Branch and distributaries are 224.0 crore and 237.9 crore respectively. The benefit cost ratio of the project is 1.79. The IRR value is worked out to be 13.15 %.

The consultant **M/s WAPCOS Ltd., 76-C, Institutional Area, Sector-18, Gurgaon – 122015 (Haryana)** made a detailed presentation on behalf of the project proponent. The SEAC observed the following:

1. There is no Inter-State issue as per the Inter-State agreement of 1962 between the State of Andhra Pradesh and Odisha as intimated by the proponent.
2. They have not yet applied to the concerned Competent Authority for diversion of forest land involved in the project.
3. The MoEF&CC, Govt. of India OM No. J-11013/41/2006-IA.II(I), dated 09.09.2011 and OM No. J-15012/5/2013-IA-I, dated 01.08.2013 stipulate “at the stage of consideration of proposals for ToR in respect of the projects involving forestland, the project proponents would submit a credible proof in support of the fact that they have already submitted their application to the concerned Competent Authority for diversion of the forest land involved in the project, provided that in case of Hydro-power projects, MoEF will consider granting ToR without insisting on submission of application for forest clearance. In case it is decided to grant ToR, the same will be issued subject to a condition that application to obtain prior approval of Central Government under the Forest (Conservation) Act, 1980 for diversion of forest land required for such projects

will be submitted as soon as the actual extent of forest land required for the project is known to the project proponent, and in any case, within 6 months of issuance of ToRs. However, no proposal will be put up before EAC without submission of application for forest clearance, wherever applicable”

4. The present proposal is an irrigation project without any proposal for generation of hydro power.

After detailed discussion, the SEAC decided to consider Terms of Reference (ToR) for undertaking detailed EIA study after receipt of the following from the proponent:

- a) A credible proof in support of the fact that they have already submitted their application to the concerned Competent Authority for diversion of the forest land involved in the project.
- b) Copy of Inter-State agreement of 1962 between the State of Andhra Pradesh and Odisha.

**DR. B. K PATNAIK
CHAIRMAN**

**DR. S.K. BISWAL
MEMBER, SEAC**

**PROF. P.K. MOHANTY
MEMBER, SEAC**

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**DR. R.C. MOHANTY
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**DR. D. SWAIN
MEMBER, SEAC**

APPROVED

CHAIRMAN, SEAC

SECRETARY, SEAC