

**MINUTES OF THE MEETING OF STATE LEVEL EXPERT APPRAISAL
COMMITTEE, ORISSA HELD ON 28th APRIL , 2010**

The meeting of State Level Expert Appraisal Committee, Orissa was held on 28th , April 2010 in the Conference Hall of Orissa State Pollution Control Board, Bhubaneswar at 11.00 AM. Dr. Gagan Bihari Nityananda Chainy, Chairman, SEAC Orissa chaired the meeting. The following members were present in the meeting.

1.	Prof. Gagan Bihari Nityananda Chainy.	-	Chairman
2.	Prof. Swoyam Prakash Rout	-	Member
3.	Dr. Moheshwar Patra	-	Member
4.	Prof. R. C. Mohanty	-	Member
5.	Sri Sasanka Sekhar Patnaik	-	Member
6.	Prof. Kumar Das	-	Member
7.	Dr. Harekrishna Nayak	-	Member
8.	Dr. Siremdra Matj Das	-	Member

The following issues were discussed and decided

1. The minutes of previous meeting was confirmed by the Committee members.
2. **CONSIDERATION OF PREVIOUS PROPOSALS :**

ITEM NO : 1

PROPOSAL OF KHANDABANDH IRON ORE MINES OF M/S. SHREE METALIKS LTD. FOR IRON ORE PRODUCTION OF 7,02,048 TPA AT – KHANDABANDH, PO – JALAHARI, DIST – KEONJHAR.

The consultant M/s S.S. Environic (India) Pvt. Ltd, Patrapada Bhubaneswar, of the proponent made a presentation on the proposal for consideration of SEAC. The proposal is for production of 702048 TPA iron ore. The TOR for this project were prescribed on Dt. 25.6.08 by the Expert Appraisal Committee of MoEF, Govt. of India. The mining lease covers an area of 35.774 ha. Entire lease area, comes under Baitarani Reserve Forest. The mining lease was initially granted to M/s TISCO Ltd. But after relinquishing the lease to the State Govt., it is granted in favour of M/s. Sree Metaliks Ltd., for a period of 30 years from date of execution of the mine. The mine has applied for forest diversion proposal, which is under process. Mining plan is approved for the production of 7.02,048

TPA iron ore. The public hearing was conducted 18.2.09. No National Park/Sanctuary is located within 10 km of the mine lease. Mine working will be opencast and mechanized involving drilling and blasting. Water requirement for the project is estimated as 150m³/day. The source of water is Suna River. The mine has obtained permission from concerned authority. The proposal was placed in the SEAC meeting held during 17th & 18th August , 2009 . The SEAC decided to consider grant of environmental clearance after receipt of certain clarification /document from the proponent. The compliance of the proponent to the observation of SEAC was scrutinized by the SEAC .

Based on the information, documents and clarifications provided, the SEAC recommends for grant of environmental *clearance* in favour of the project for a period of five years subject to the following stipulated conditions:

- i) The applicant (Project proponent) will take necessary measures for prevention, control and mitigation of Air Pollution, Water Pollution, Noise Pollution and Land Pollution including solid waste management as mentioned by him in Form-1, Final EIA reports and Environment Management Plan (EMP) in compliance with the prescribed statutory norms and standards.
- ii) The applicant will take necessary steps for socio-economic development of the people of the area on need based assessment for providing employment, education, health care, drinking water and sanitation, road and communication facilities etc.
- iii) The applicant will comply to the points, concerns and issues raised by the people during public hearing on 18.2.09. in accordance with the commitments made by him thereon.
- iv) The applicant will take statutory clearance/approval/permissions from the concerned authorities in respect of his project as and when required.
- v) For post environmental clearance monitoring, the applicant will submit half-yearly compliance report in respect of the stipulated terms and conditions of Environmental Clearance to the State Environmental Impact Assessment Authority (SEIAA), Orissa on 1st June and 1st December of each calendar year.

- vi) The core zone should be monitored intensively with no. of stations as prescribed by CPCB, Delhi and unit of pollutant level should be expressed as NAAQ of CPCB, Delhi. The detail methodology adopted for analysis of samples shall be clearly indicated.
- vii) The proponent shall submit ground tooting baseline data on flora & fauna and CSR activities already carried out within three months to the SEIA
- viii) Adequate buffer zone shall be maintained between two consecutive mineral bearing deposits.
- ix) Zero waste mining concept shall be implemented either by putting up pelletisation plant or dispose of low grade ores/fines to prospective buyers.
- x) The following shall be implemented viz. (a) dump run-off should be diverted into settling ponds (b) adequate rain water harvesting and ground water recharging facilities should be developed in the core zone; (c) attempt should be made to achieve zero water balance.
- xi) Maintenance of roads through which transportation of ores are undertaken shall be carried out by the project proponent regularly at its own cost.
- xii) Fugitive dust generation shall be controlled. Fugitive dust emission shall be regularly monitored at locations of nearest human habitation (including schools and other public amenities located nearest to sources of dust generation as applicable) and records shall be submitted to the SEIAA, Orissa.
- xiii) Transportation of ore shall be done by covering the trucks with tarpaulin or other suitable mechanism so that no spillage of ore / dust takes place.
- xiv) Rain water harvesting shall be undertaken to recharge the ground water source.
- xv) Monitoring of ground and surface water quality shall be regularly conducted and records should be maintained and data shall be submitted regularly to the SEIAA, Orissa.
- xvi) The proponent shall ensure that no silt originating due to mining activity is transported in the surface water course. Measures for prevention and control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion shall be carried out with geo textile matting or other suitable

- material, and thick plantations of native trees and shrubs shall be carried out at the dump slopes. Dumps shall be protected by retaining walls.
- xvii) Trenches / garland drains shall be constructed at foot of dumps to arrest silt from being carried to water bodies. Adequate number of Check Dams shall be constructed across seasonal/perennial nallahs (if any) flowing through the ML area and silts be arrested. De-silting at regular intervals shall be carried out.
- xviii) Provision shall be made for the housing of the labourers within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- xix) Occupational health and safety measures for the workers including identification of work related health hazards, training on malaria eradication, HIV, and health effects on exposure to mineral dust etc. shall be carried out. The Proponent shall engage a full time qualified doctor who is trained in occupational health. Periodic monitoring for exposure to respirable mineral dust on the workers shall be conducted and records maintained including health records of the workers. Awareness programme for workers on impact of mining on their health and precautionary measures like use of personal equipments etc. shall be carried out periodically. Review of impact of various health measures undertaken (at interval of five years or less) shall be conducted followed by follow up action wherever required. Occupational Health Centre shall be established near the mine site itself.
- xx) Shelter belt i.e Wind Break of 15 m width and consisting of at least 5 tiers around lease facing the human habitation, school / agricultural fields etc. (if any in the vicinity), in the safety zone/ back-filled & reclaimed areas, around voids & roads shall be raised. Green belt development and selection of plant species shall be as per CPCB guidelines. Density of the trees has to be around 2500 plants per hectare. Herbs and shrubs shall also form a part of afforestation programme besides tree plantation. Help & guidance of local DFO may be sought in the matter. Details of year wise afforestation programme including rehabilitation of mined out area shall be submitted to the SEIAA, Orissa within six months.

- xxi) This Environmental clearance is subject to Forest clearance under the Forest (Conservation) Act, 1980.
- xxii) The mining operations shall be restricted to above ground water table and it should not intersect the groundwater table.
- xxiii) The top soil shall temporarily be stored at earmarked site(s) only and it should not be kept unutilized for long (not more than 3 years). The topsoil shall be used for land reclamation and plantation.
- xxiv) The over burden (OB) generated during the mining operation shall be stacked at earmarked dump site(s) only and it should not be kept active for a long period of time and its phase-wise stabilization shall be carried out. Proper terracing of OB dump shall be carried out so that the overall slope shall not exceed 28^o Backfilling shall be done as per approved mining plan. Back-filling to start from 3rd year onwards of the mining operation & the entire quantity of waste generated shall be backfilled & liquidated within five years. There shall be no external over-burden dumps after the 6th year of the mining operation. The backfilled area shall be afforested. Back-filling has to be done in a manner that it is restored to the normal ground level. Monitoring & management of rehabilitated areas should continue till the vegetation is established & becomes self-generating. Compliance status to be reported to the appropriate authorities.
- xxv) The funds earmarked for the environment protection measures shall be judiciously utilized. Under no circumstances this funds shall be diverted for other purposes. Year-wise expenditure for this fund should be reported to the SEIAA, Orissa.
- xxvi) The critical parameters such as SPM, RSPM, NOX in the ambient air within the impact zone, peak particle velocity at 300m distance or within the nearest habitation, whichever is closer shall be monitored periodically. Further, quality of discharged water shall also be monitored [(TDS, DO, PH and Total Suspended Solids (TSS)]. The monitored data shall be uploaded on the website of the company as well as displayed on a display board at the project site at a suitable location near the main gate of the Company in public domain. The circular No. J-20012/1/2006-IA.II(M) dated 27.05.2009 issued by Ministry of Environment and

Forests, which is available on the website of the Ministry www.envfor.nic.in shall also be referred in this regard for its compliance.

- xxvi) A Final Mine Closure Plan along with details of Corpus Fund shall be submitted to the SEIAA 5 years in advance of final mine closure for approval.
- xxvii) The project proponent shall obtain necessary prior permission of the competent authorities for drawl of requisite quantity of water (surface water and ground water) required for the project.
- xxviii) The project proponent shall prepare wild life conservation plan in consultation with DFO and adequate safety and mitigation measures should be incorporated to protect the wild life, flora, fauna to mitigate adverse impact.
- xxix) The above mentioned stipulated conditions shall be complied in time bound manner. Failure to comply with any of the conditions mentioned above may result in withdrawal of this environmental clearance and attract action under the provisions of Environment Protection (EP) Act, 1986.

ITEM NO : 2

PROPOSAL OF KHANDABANDH IRON ORE MINE OF M/S. DEEPAK STEEL & POWER LTD. FOR IRON ORE PRODUCTION OF 0.70 MILLION TON/ANNUM AT/PO – KHANDBANDH, DIST – KEONJHAR

The consultant M/s S.S. Environic (India)vt. Ltd, Patrapada Bhubaneswar, of the proponent made a presentation on the proposal for consideration of SEAC. The proponent made a presentation on the proposal for consideration of the SEAC. The proposal is for production of iron ore of 0.7 MTPA & 250 TPH crusher. . The TOR for this project were prescribed on dtd. 18.7.08 by the Expert Appraisal Committee of MoEF, Govt. of India. **The mine over an area of 38.687 ha. is of forest land.** Mining lease was initially granted in favour of M/s.TISCO Ltd. After surrender of the lease by the erstwhile Lessee, the State Govt. has decided to grant this area in favour of Deepak Steel and Power Ltd., for a period of 25 years from the date of execution of lease. The mine has applied for forest clearance. Mining plan is approved for the production quantity applied for environmental clearance. The public hearing was conducted on 18th

February 2009. No National Park/Sanctuary is located within 10 km of the mine lease area. Mine working will be opencast semi-mechanized involving drilling and blasting. Water requirement for the project is estimated to be 150 m³/day. The source of water is Suna River. The mine working will not intersect groundwater table. Waste generation will be 98836m³ during plan period The mine has earmarked 1.318 ha as OB dump area (Plan period). The mine has proposed garland drain, check dams and retaining wall to prevent wash out of loose material from dump area. Dump slope will be stabilized by putting vegetation. The proposal was placed in the SEAC meeting held during 17th & 18th August , 2009 . The SEAC decided to consider grant of environmental clearance after receipt of certain clarification /document from the proponent. The compliance of the proponent to the observation of SEAC was scrutinized by the SEAC .

Based on the information, documents and clarifications provided, the SEAC recommends for grant of environmental *clearance* in favour of the project for a period of five years subject to the following stipulated conditions:

- i) The applicant (Project proponent) will take necessary measures for prevention, control and mitigation of Air Pollution, Water Pollution, Noise Pollution and Land Pollution including solid waste management as mentioned by him in Form-1, Final EIA reports and Environment Management Plan (EMP) in compliance with the prescribed statutory norms and standards.
- ii) The applicant will take necessary steps for socio-economic development of the people of the area on need based assessment for providing employment, education, health care, drinking water and sanitation, road and communication facilities etc.
- iii) The applicant will comply to the points, concerns and issues raised by the people during public hearing on 18.2.09. in accordance with the commitments made by him thereon.
- iv) The applicant will take statutory clearance/approval/permissions from the concerned authorities in respect of his project as and when required.
- v) For post environmental clearance monitoring, the applicant will submit half-yearly compliance report in respect of the stipulated terms and conditions of Environmental Clearance to the State Environmental Impact Assessment Authority (SEIAA), Orissa on 1st June and 1st December of each calendar year.
- vi) The core zone should be monitored intensively with no. of stations as prescribed by CPCB, Delhi and unit of pollutant level should be expressed as NAAQ of

CPCB, Delhi. The detail methodology adopted for analysis of samples shall be clearly indicated.

- vii) The proponent shall submit ground tooting baseline data on flora & fauna and CSR activities already carried out within three months to the SEIA
- viii) Adequate buffer zone shall be maintained between two consecutive mineral bearing deposits.
- ix) Zero waste mining concept shall be implemented either by putting up pelletisation plant or dispose of low grade ores/fines to prospective buyers.
- x) The following shall be implemented viz. (a) dump run-off should be diverted into settling ponds (b) adequate rain water harvesting and ground water recharging facilities should be developed in the core zone; (c) attempt should be made to achieve zero water balance.
- xi) Maintenance of roads through which transportation of ores are undertaken shall be carried out by the project proponent regularly at its own cost.
- xii) Fugitive dust generation shall be controlled. Fugitive dust emission shall be regularly monitored at locations of nearest human habitation (including schools and other public amenities located nearest to sources of dust generation as applicable) and records shall be submitted to the SEIAA, Orissa.
- xiii) Transportation of ore shall be done by covering the trucks with tarpaulin or other suitable mechanism so that no spillage of ore / dust takes place.
- xiv) Rain water harvesting shall be undertaken to recharge the ground water source.
- xv) Monitoring of ground and surface water quality shall be regularly conducted and records should be maintained and data shall be submitted regularly to the SEIAA, Orissa.
- xvi) The proponent shall ensure that no silt originating due to mining activity is transported in the surface water course. Measures for prevention and control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion shall be carried out with geo textile matting or other suitable material, and thick plantations of native trees and shrubs shall be carried out at the dump slopes. Dumps shall be protected by retaining walls.
- xvii) Trenches / garland drains shall be constructed at foot of dumps to arrest silt from being carried to water bodies. Adequate number of Check Dams shall be constructed across seasonal/perennial nallahs (if any) flowing through the ML area and silts be arrested. De- silting at regular intervals shall be carried out.
- xviii) Provision shall be made for the housing of the labourers within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- xix) Occupational health and safety measures for the workers including identification of work related health hazards, training on malaria eradication, HIV, and health effects on exposure to mineral dust etc. shall be carried out. The Proponent shall engage a full time qualified doctor who is trained in occupational health. Periodic monitoring for exposure to respirable mineral dust on the workers shall be conducted and records maintained including health records of the workers.

- Awareness programme for workers on impact of mining on their health and precautionary measures like use of personal equipments etc. shall be carried out periodically. Review of impact of various health measures undertaken (at interval of five years or less) shall be conducted followed by follow up action wherever required. Occupational Health Centre shall be established near the mine site itself.
- xx) Shelter belt i.e Wind Break of 15 m width and consisting of at least 5 tiers around lease facing the human habitation, school / agricultural fields etc. (if any in the vicinity), in the safety zone/ back-filled & reclaimed areas, around voids & roads shall be raised. Green belt development and selection of plant species shall be as per CPCB guidelines. Density of the trees has to be around 2500 plants per hectare. Herbs and shrubs shall also form a part of afforestation programme besides tree plantation. Help & guidance of local DFO may be sought in the matter. Details of year wise afforestation programme including rehabilitation of mined out area shall be submitted to the SEIAA, Orissa within six months.
- xxi) This Environmental clearance is subject to Forest clearance under the Forest (Conservation) Act, 1980.
- xxii) The mining operations shall be restricted to above ground water table and it should not intersect the groundwater table.
- xxiii) The top soil shall temporarily be stored at earmarked site(s) only and it should not be kept unutilized for long (not more than 3 years). The topsoil shall be used for land reclamation and plantation.
- xxiv) The over burden (OB) generated during the mining operation shall be stacked at earmarked dump site(s) only and it should not be kept active for a long period of time and its phase-wise stabilization shall be carried out. Proper terracing of OB dump shall be carried out so that the overall slope shall not exceed 28^o Backfilling shall be done as per approved mining plan. Back-filling to start from 3rd year onwards of the mining operation & the entire quantity of waste generated shall be backfilled & liquidated within five years. There shall be no external over-burden dumps after the 6th year of the mining operation. The backfilled area shall be afforested. Back-filling has to be done in a manner that it is restored to the normal ground level. Monitoring & management of rehabilitated areas should continue till the vegetation is established & becomes self-generating. Compliance status to be reported to the appropriate authorities.
- xxv) The funds earmarked for the environment protection measures shall be judiciously utilized. Under no circumstances this funds shall be diverted for other purposes. Year-wise expenditure for this fund should be reported to the SEIAA, Orissa.
- xxvi) The critical parameters such as SPM, RSPM, NOX in the ambient air within the impact zone, peak particle velocity at 300m distance or within the nearest habitation, whichever is closer shall be monitored periodically. Further, quality of discharged water shall also be monitored [(TDS, DO, PH and Total Suspended Solids (TSS)]. The monitored data shall be uploaded on the website of the company as well as displayed on a display board at the project site at a suitable location near the main gate of the Company in public domain. The circular No. J-20012/1/2006-IA.II(M) dated 27.05.2009 issued by Ministry of Environment and

Forests, which is available on the website of the Ministry www.envfor.nic.in shall also be referred in this regard for its compliance.

- xxvi) A Final Mine Closure Plan along with details of Corpus Fund shall be submitted to the SEIAA 5 years in advance of final mine closure for approval.
- xxvii) The project proponent shall obtain necessary prior permission of the competent authorities for drawl of requisite quantity of water (surface water and ground water) required for the project.
- xxviii) The project proponent shall prepare wild life conservation plan in consultation with DFO and adequate safety and mitigation measures should be incorporated to protect the wild life, flora, fauna to mitigate adverse impact.
- xxix) The above mentioned stipulated conditions shall be complied in time bound manner. Failure to comply with any of the conditions mentioned above may result in withdrawal of this environmental clearance and attract action under the provisions of Environment Protection (EP) Act, 1986.

ITEM NO – 3

PROPOSAL OF M/S UTKAL BUILDERS LIMITED FOR CONSTRUCTION OF RESIDENTIAL-CUM-MARKET COMPLEX AT GOUTAMNAGAR, BHUBANESWAR WITH 62301.49 SQ.M BUILT-UP AREA.

M/s CEMC Pvt. Ltd, Saheed Nagar Bhubaneswar, the consultant of the proponent made a presentation on the proposal for consideration of SEAC. The proposed development is a residential-cum-commercial complex. There will be 4 blocks of residential buildings with a lower basement, upper basement and 11 floors. The commercial block would have lower basement, upper basement and 4 floors. There would also be some residential bungalows. The total plot area is 16645.31sqm, total built-up area is 62301.49 sqm and green belt landscaping area is 3375.7m². The building is residential-cum-commercial in nature. Bhubaneswar Development Authority has approved the building plan.. The proposal was placed in the SEAC meeting held during 14th & 15th December, 2009. SEAC decided to consider grant of environmental clearance after receipt of certain clarification. The project proponent furnished the compliance . The Committee discussed the various issues involved in the case and was unanimously of the following opinion:

1. It is proposed to build 197 residential units in Lower Basement + Upper Basement +4 blocks of 11 floors high-rise blocks covering an area of 40150.13 m² along with Lower Basement + Upper Basement +G+3 commercial blocks covering 21,698.04 m² in the busy residential area of Goutam Nagar, in the heart

- of the capital city. There are busy traffic on the connecting main road and important establishments of public interest like the State Museum, BMC Head Office, two Govt. schools besides archaeological sites like the Mausimaa temple etc. The approach road also caters to the traffic plying Puri/Konark and Old Town, which remains busy throughout often with traffic congestions.
2. After presentation by the project proponent, the Committee sought a number of clarifications from the project proponents and the reply was discussed point-wise, which was found inadequate, evasive and not to its satisfaction. Some of the important points can be summarized as follows:
 - a. Putting up commercial units on more than 50% of the residential area in addition to accommodating approx. 1,000 residents in high-rise buildings in the congested site would put further pressure on the limited facilities.
 - b. The emissions from vehicles entering, leaving or getting parked [ground & underground parking lots] in the commercial and residential blocks are not estimated with respect to black carbon and NOx besides emissions due to traffic congestion. There is even no estimate of additional number of vehicles expected due to the project during both construction and operational phases.
 - c. Water requirements to an estimated tune of 74.3KLD during construction and 150KLD during operational phase are proposed to be met from ground water sources till PHED water is made available. Permission for which from the competent authority is not obtained. Withdrawal of this huge quantity of water would exhaust the ground water aquifer shortly. The depth of ground water is wrongly stated as 0.7m below ground level, which is incorrect and not authenticated.
 - d. The provisions proposed for waste water treatment to the tune of 140KLD during operational phase are found to be inadequate and improper, which is likely to contaminate the surroundings. The proposed ETP does not have adequate details as well as safeguards. For example, the issues of sludge disposal and emergency measures in case of failure/maintenance are lacking.
 - e. Rainwater harvest measures with 100 numbers of recharge pits and the technical details are unsatisfactory and theoretical.
 - f. EIA and EMP as regards ambient air quality during construction and operational phase are not properly addressed.

- g. The proposal of disposing off solid wastes to the tune of 394 kg/day (according to their own estimate) having complex nature thorough BMC is also not backed up by documents. This is of serious concern to the local environment.
- h. It is proposed to install 04 numbers of DG sets of 750KVA [total: 3,000 KVA] generating capacity in the premises for stand-by power supply during failures. Each one will have 8.38m high exhaust chimneys to vent off emissions in the immediate vicinity of 40m high residential units housing about a thousand people in addition to already congested residential district of the capital city. The chimney height conforms to the guidelines. But the emitted pollutants would disperse below the residential blocks and pollute indoor air in addition to the ambient atmosphere. This issue raised is not addressed.
- i. A group of SEIAC members visited the site for practical verification of background realities before arriving at any decision, the minutes of which have already been communicated to the SEIAA. It records all the concerns of the Committee. They observed that the proponent had already started excavating the ground, dumping of raw materials and virtually started construction in the month of February, 2010 before getting EC, which is in blatant contravention of provisions of law. The proponent disregarded the law of the land and took the due procedures prescribed by the State and Central Governments including those of the statutory bodies for granted.
- j. The issue of granting building plans for such projects in congested commercial and residential localities of the capital city by BDA was also felt by the Committee and a note for the consideration/further interaction with the State Govt. and BDA was sent to SEIAA vide letter No 244 , dated 4.3.10.
- k. The team also collected the opinion of local residents and school teachers of the locality who unambiguously opposed the project due to expected air, water and sound pollution in addition to traffic congestion and waste disposal problems.

In view of the above overpowering reasons cited, the Committee recommends that the EC application of M/s. Utkal Builders may be REJECTED.

ITEM NO -4

PROPOSAL OF GROUP HOUSING “THE COSMOPOLIS” OF M/S. ASSOTECH BEL INFRASTRUCTURE PVT. LTD AT DUMDUMA, BHUBANESWAR, ORISSA.

M/s Sun Consultancy and Services, 16/C, Engineers’ Colony, Budheswari, Bhubaneswar, the consultant of the proponent made a presentation on the proposal for consideration of SEAC. The proposed development is a Building Project having multiple floors. The project consists of 690 apartments. There will be four towers and each tower with G + 16 floors shall amount to a total of 522 apartments while one tower would be service apartment of G + 16 = 168 apartments with other amenities. Total Plot Area is Ac.36138.371 Sq. m. Total built up area is 79,378.59 m². Bhubaneswar Development Authority has approved the building plan. The proposal was placed in the SEAC meeting held during 17th & 18th August, 2009. SEAC decided to consider grant of environmental clearance after receipt of certain clarification. The project proponent furnished the compliance . The Committee discussed the various issues involved and decided to call the proponent for technical discussion on 12.5.10. However, the proponent has to come with the following information/documents for discussion.

1. BDA approval letter and plan
2. Clarification on D.G. set height

ITEM NO -5

RESIDENTIAL PROJECT OF AMRI BHUBANESWAR – A MULTI SPECIALTY HOSPITAL , KHANDAGIRI, BHUBANESWAR

M/s _____, the consultant of the proponent made a presentation on the proposal for consideration of SEAC. The proposal is for obtaining environmental clearance with respect to the renewal The building and construction projects are listed at S.N. 8(a) of schedule under ‘B’ category of EIA notification, 2006 and are to be appraised by SEAC. The project proponent submitted prescribed Form - **Form 1, Form 1A and the conceptual plan**. It’s a proposed – a multi specialty hospital project. The proposed multi specially hospital has B+G+5 storied building with 313 beds and 234

Nursed and dormitory beds at Khandagiri i, Bhubaneswar, Orissa. The Built up area is 37,485 Sqm. The proposal was placed in the SEAC meeting held during 13th & 14th May, 2009. SEAC decided to consider grant of environmental clearance after receipt of certain clarification. The project proponent furnished the compliance . The Committee discussed the various issues involved and decided to call the proponent for technical discussion on 12.5.10. However, the proponent has to come with the following information/documents for discussion.

1. BDA approval letter and plan
2. Clarification on D.G. set height

ITEM NO. - 6

PROPOSAL OF SANAPATHULI MANGANESE ORE MINE OF M/S. ORISSA MANGANESE AND MINERALS PVT. LTD, VILLAGE SANAPATHOLI, DIST – SUNDARGARH

M/s Sun Consultancy and Services, 16/C, Engineers' Colony, Budheswari, Bhubaneswar, the consultant of the proponent made a presentation on the proposal for consideration of SEAC. The proposal is for obtaining environmental clearance with respect to the renewal The proposal is for renewal of mining lease for production of 1388 TPA of manganese ore. The TOR for this project were prescribed on dt. 25.1.08 by the Expert Appraisal Committee of MoEF, Govt. of India. The mine lease area is 23.29 ha. The proposal was placed in the SEAC meeting held during 19th & 20th October , 2009. SEAC decided to consider grant of environmental clearance after receipt of certain clarification. The project proponent furnished the compliance . The Committee discussed the various issues involved and decided to call the proponent for technical discussion on 12.5.10. However, the proponent has to come with the following information/documents for discussion.

1. BDA approval letter and plan
2. Clarification on D.G. set height

ITEM NO. - 7

PROPOSAL OF BHANJIKUSUM MANGANESE ORE MINE OF M/S. ORISSA MANGANESE & MINERALS (P) LTD, AT KOIRA, DIST – SUNDARGARH

M/s Sun Consultancy and Services, 16/C, Engineers' Colony, Budheswari, Bhubaneswar, the consultant of the proponent made a presentation on the proposal for consideration of SEAC. The proposal is for obtaining environmental clearance with respect to the renewal .The proposal is for renewal of mining lease and enhancement of production of manganese ore from 1800 TPA to 15000 TPA. The TOR for this project were prescribed on dt. 25.1.08 by the EAC of MoEF, Govt. of India. The mine lease area is 8.134 ha. The proposal was placed in the SEAC meeting held during 19th & 20th October , 2009. SEAC decided to consider grant of environmental clearance after receipt of certain clarification. The project proponent furnished the compliance . The Committee discussed the various issues involved and decided to call the proponent for technical discussion on 12.5.10. However, the proponent has to come with the following information/documents for discussion.

1. Mining lease status
2. Signed copy of modified Form-I
3. Forest clearance status if forest land involved
4. Status of permission for drawl of water

ITEM NO. - 8

PROPOSAL OF KUSUMDIHI MANGANESE ORE MINE OF M/S. ORISSA MANGANESE & MINERALS (P) LTD,, AT – KUSUMDIHI, DIST – SUNDARGARH

M/s Sun Consultancy and Services, 16/C, Engineers' Colony, Budheswari, Bhubaneswar, the consultant of the proponent made a presentation on the proposal for consideration of SEAC. The proposal is for obtaining environmental clearance with respect to the renewal of mining lease and enhancement of production of manganese ore from 2000 TPA to 17,376 TPA. The TOR for this project were prescribed on dt. 25.1.08 by the EAC of MoEF, Govt. of India. The mine lease area is 31.549 ha. The proposal was placed in the SEAC meeting held during 19th & 20th October , 2009. SEAC decided to consider grant of environmental clearance after receipt of certain

clarification. The project proponent furnished the compliance . The Committee discussed the various issues involved and decided to call the proponent for technical discussion on 12.5.10. However, the proponent has to come with the following information/documents for discussion.

1. Mining lease status
2. Signed copy of modified Form-I
3. Forest clearance status if forest land involved
4. Status of permission for drawl of water

**(PROF. GAGAN BIHARI NITYANANDA CHAINY)
CHAIRMAN, SEAC**

**(PROF. SWOYAM PRAKASH ROUT)
MEMBER, SEAC**

**(PROF. KUMAR DAS)
MEMBER, SEAC**

**(DR. MOHESHWAR PATRA)
MEMBER, SEAC**

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