



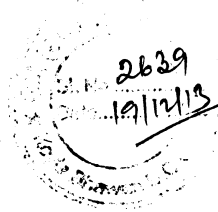
**Bharat Coking Coal Limited**  
(A Subsidiary of Coal India Limited)  
Pootkee Balihari Area

Ref.No. PBA/AM(Plg. & Env.)/13/ 2.11

Date:- 17<sup>th</sup> Dec 2013

18

To,  
The Director (S)  
Ministry of Environment & Forest, Govt. of India  
Eastern region Officer  
A/3, Chandrashekharapur,  
Bhubaneswar - 751023



**Subject:- Six monthly report on implementation of Environmental Measures for the period from 1<sup>st</sup> Oct to 30<sup>th</sup> March 2014 in respect of Cluster VII group of mines BCCL Ref : EC order No J-11015/238/2010-IA.II(M) Dated:- 6<sup>th</sup> Feb.2013).**

Dear Sir,

Kindly find enclosed herewith six monthly report on implementation of Environmental protection Measures for the period from 1<sup>st</sup> Oct to 30<sup>th</sup> March 2014 in the respect of Cluster VII group of mines BCCL Ref : EC order No J-11015/238/2010-IA.II(M) Dated:- 6<sup>th</sup> Feb.2013).

Hope you will find the same in order.

Encl: As above:

1. Secretary, Ministry of Coal, Shastri Bhawan, New Delhi. 110001
2. Member Secretary JSPCB, TA Division Bldg, GF, HEC, Dhurwa, Ranchi 834004
3. Chairman, Central Pollution Control Board, CBD-cum-Office Complex, East Arjun Nagar, New Delhi -110032.
4. Regional Officer, JSPCB, HIG, Housing Colony, Bartand Dhanbad 826001
- ✓ 5. HOD, Environment, BCCL Koyla Bhawan.
6. G.M P.B.Area – for kind information.
7. Area Manager Planning P.B. Area

8. Copy to Kusunda Area.

*Sri. H. Kumar*  
21/12/13

Your faithfully

*[Signature]*  
Area Manager (Plng.)/  
Nodal Officer (Envn.)

P.B.Area

✓ Sri J.K. Singh AM (EAM).

For circulation on website & record.

## **COMPLIANCE OF EC CONDITIONS of CLUSTER-VII**

<b>Sl. No.</b>	<b>A. Specific Conditions by MOEF:</b>	<b>Compliance</b>
I	The maximum production shall not exceed beyond that for which environmental clearance has been granted.	The approved normative production and peak production for Dhansar UG, Dhansar OC, Kusunda OC, Industry UG(closed), Alkusa UG, Ena OC and VOCP under Kusunda Area are 4.157MTPA & 5.405MTPA respectively. The total production of the mines is 3.6204 MT in the year 12-13 and 1.5 MT in '13-'14 (upto Sept.'13) which is well within the limit.
ii	The measure identified in the environmental plan for cluster VII groups of mine and the conditions given in this environmental clearance letter shall be dovetailed to the implementation of the Jharia Action Plan.	<p>Master Plan activities are dovetailed with compliance of environmental clearance conditions. The master plan deals with fire control and rehabilitation activities of fire affected areas in the leasehold of BCCL.</p> <p>By implementing the fire control measures air pollution and emission of Green House Gases (GHGs) from the fire affected areas are being prevented. Further rehabilitation of the families from the fire endangered area to the safe places is being taken-up with the help of State Govt. of Jharkhand.</p> <p>The Master plan is being implemented for BCCL as per the prioritization of fire and rehabilitation activities in approved Master Plan. The brief status of Rehabilitation and Fire control measures are as annexure- E</p>
iii	<p>The proponent shall prepare time - series maps of the Jharia Coalfields through NRSA to monitor and prevent fire problems in the Jharia Coalfields by Isothermal mapping /imaging and monitoring temperatures of the coal seams (whether they are close to spontaneous ignition temperatures) and based on which, areas with potential fire problems shall be identified.</p> <p>Measures to prevent ingress of air (Ventilation) in such areas, to prevent restart fresh/spread fires in other areas including in mines of cluster VII shall be undertaken.</p>	<p>Work has been awarded to NRSC (earlier NRSA). A MoU is to be entered with the NRSC for start of the work .For this purpose, duly signed MOU from our end has been sent to NRSC for necessary processing at their end and to start the work immediately .(Copy enclosed as Annexure-A)</p> <p>Action is being taken as specified in EC and as per Jharia Master Plan. Further at Kusunda OC ,fire patch is being dug out for the purpose of dealing with fire and combustible materials are extracted out to save the coal from burning and to stop further spread of the fire. Once the fiery coal is dug-out/excavated there will be no more chance of re-starting of fresh/</p>

		spreading of fire into other areas.
Iv	Underground mining should be taken up after completion of reclamation of Opencast mine area after 13 years.	It shall be complied.
V	No mining shall be undertaken where underground fires continue. Measure shall be taken to prevent/ check such fire including in old OB dump areas where the fire could start due to presence of coal /shale with sufficient carbon content.	It shall be complied. Action is being taken to control, mine fires as specified in Jharia Master Plan and the mining is being done as per the guidelines and permissions of Directorate General of Mines Safety (DGMS).
Vi	The rejects of washeries in Cluster –VII should be send to FBC based plant.	N.A
Vii	There shall be no external OB dumps. OB produce from the whole cluster will be 378.86 Mm3. OB from 5 OCP mine shall be backfilled. At the end of the mining there shall be no void and the entire mined out area shall be re-vegetated. Areas where opencast mining was carried out and completed shall be reclaimed immediately thereafter.	N.A
Viii	A detailed calendar plan of production with plan for OB dumping and backfilling (for OC mines) and reclamation and final mine closure plan for each mine of cluster-VII shall be drawn up and implemented.	N.A
Ix	The void shall be converted into a water reservoir of a maximum depth of 15-20 m and shall be gently sloped and the upper benches of the reservoir shall be stabilized with plantation and the periphery of the reservoir fenced. The abandoned pits and voids should be backfilled with OB and biologically reclaimed with plantation and or may be used for pisciculture	It shall be complied. Continuous process of the backfilling has been adopted. A part of the void will be converted into the water body as specified in EC.
x	Mining shall be carried out as per statuette from the streams/nalas flowing within the lease and maintaining a safe distance from the Nalas flowing along the lease boundary. A safety barrier of a minimum 60m width shall be maintained along the nalas/water bodies. The small water bodies in OC shall be protected to	It is being followed. Embankments have been constructed as specified in EC

	the extent feasible and the embankment proposed along water body shall be strengthened with stone pitching.	
Xi	Active OB dumps near water bodies and rivers should be rehandled for backfilling abandoned mine voids. However, those which have been biologically reclaimed need not be disturbed.	N.A
Xii	Thick green belt shall be developed along undisturbed areas, mine boundary and in mine reclamation. During post mining stage, a total of 794.09 ha area would be reclaimed. The total additional area under plantation would be 1165.67 ha (90.78 ha abandoned quarry area, 516 ha active quarry area, 27.31 OB dump outside quarry area, 38.55 ha service building /mine infrastructure area /coal dump etc, 395 ha green belt around OCP, 98.5 ha barren area), by planting 2914150 plants at a total cost of Rs 642.20 lakhs.	It shall be complied. Yearly plantation is being done for development of green belts as per EC. Green belt development programme is enclosed as annexure-B.2
Xiii	The road should be provided with avenue plantation on both side as trees act as sink of carbon and other pollutant	It shall be complied.
Xiv	Specific mitigative measures identified for the Jharia Coalfields in the Environmental Action Plan prepared for Dhanbad as a critically polluted area and relevant for Cluster VII shall be implemented.	Dhanbad Action Plan has been prepared for entire BCCL and not cluster wise. It is being implemented comprehensively for all the mines of BCCL. Some of the salient actions of this cluster are as under: <ol style="list-style-type: none"> <li>1. Construction of pucca road</li> <li>2. Construction of water reservoir for mine water utilization</li> <li>3. Plantation.</li> </ol>

Xv	<p>The locations of monitoring stations in the Jharia Coalfields should be finalized in consultation with the Jharkhand State Pollution Control Board. The Committee stated that smoke/dust emission vary from source to source (fuel wood, coal, flyash from TPPs, silica from natural dust, etc) and a Source Apportionment Study should be got carried out for the entire Jharia Coalfields. Mineralogical composition study should be undertaken on the composition of the suspended particulate matter (PM<sub>10</sub> and PM<sub>2.5</sub>) in Jharia Coalfields and also quantified. These studies would help ascertain source and extent of the air pollution, based on which appropriate mitigative measures could be taken.</p>	<p>Establishment of ambient environment quality monitoring stations is already in process and Jharkhand State Pollution Control Board is being pursued in this regard.</p> <p>The work of monitoring of ambient environment has already been awarded to Central Institute of Mining &amp; Fuel Research (CIMFR), Dhanbad who is having CSIR laboratory recognized under the EP Rules.</p> <p>Presently ambient air is being monitored through BCCL own Laboratory at HQ level. The result of analysis report is enclosed as Annexure-D.2.</p> <p>For the source apportionment study the action has been taken to conduct with help of CMPDIL, RI-II.</p>
Xvi	<p>No groundwater shall be used for the mining activities. Additional water required, if any, shall be met from mine water or by recycling/reuse of the water from the existing activities and from rainwater harvesting measures.</p> <p>The project authorities shall meet water requirement of nearby village(s) in case the village wells go dry to dewatering of mine</p>	<p>No ground water is being utilized for the purpose of industrial use of the water. Mine water has been channelized through pipelines and through delivery in to the old quarry for its is for the community and irrigation purposes. Drinking water is being purchased from the Mineral Area Development Authority (MADA).</p> <p>Further for the utilization of mine water following actions has been taken by the company</p> <ol style="list-style-type: none"> <li>1. Installation of Pressure filters: In Kusunda Area, one Pressure Filter, two Slow Sand Filter and one Rapid Gravity Filter Plant are in operation. At East Bassuriya New Colony, proposal for installation of two nos. Pressure Filters of each 15000 GPH capacity is under process.</li> <li>2. Rain water Harvesting: to catch run-off water in colonies Rain water Harvesting is being done. BCCL has constructed rain water harvesting at Koylanagar Township In Kusunda Area, proposal for rain water harvesting at two colonies is under process from Civil Deptt.</li> </ol>
xvii	<p>Regular monitoring of groundwater level and quality of the study area shall be carried out by establishing a network of existing wells and construction of new peizometers. The monitoring for quantity shall be done four times a year in pre-monsoon (May), monsoon (August), post-monsoon (November) and winter (January) seasons and for quality including Arsenic and Fluoride during the month of May.</p>	<p>The work of monitoring of ambient environment including ground water monitoring has already been awarded to Central Institute of Mining &amp; Fuel Research (CIMFR), Dhanbad having CSIR laboratory recognized under the EP Rules.</p>

	Data thus collected shall be submitted to the Ministry of Environment & Forest and to the Central Pollution Control Board/SPCB quarterly within one month of monitoring. Rainwater harvesting measures shall be undertaken in case monitoring of water table indicates a declining trend.	
Xviii	Mine discharge water shall be treated to meet standards prescribed standards before discharge into natural water courses/agriculture. The quality of the water discharged shall be monitored at the outlet points and proper records maintained thereof and uploaded regularly on the company website.	It shall be complied. Presently mine water is being monitored through BCCL own Laboratory at HQ level. The result of analysis report is enclosed as Annexure-E. The quality of water is within prescribed standards.
Xix	ETP shall also be provided for workshop, and CHP, if any. Effluents shall be treated to confirm to prescribed standards in case discharge into the natural water course	Proposal for construction of ETP/ Oil grease Trap is under process.
Xx	Regular monitoring of subsidence movement on the surface over and around the working area and impact on natural drainage pattern, water bodies, vegetation, structure, roads, and surroundings shall be continued till movement ceases completely. In case of observation of any high rate of subsidence movement, appropriate effective corrective measures shall be taken to avoid loss of life and material. Cracks shall be effectively plugged with ballast and clayey soil/suitable material.	At present only development districts are operational at UG mines of Kusunda Area in Cluster VII and at present no depillaring operation has been taken up in UG Mines. However regular monitoring of subsidence will be undertaken on operating depillaring districts.
Xxi	Sufficient coal pillars shall be left unextracted around the air shaft (within the subsidence influence area) to protect from any damage from subsidence, if any.	Sufficient coal pillars have been left around air shafts as per the statutes and DGMS guidelines.
Xxii	High root density tree species shall be selected and planted over areas likely to be affected by subsidence	It will be complied, if required
Xxiii	Depression due to subsidence resulting in water accumulating within the low lying areas shall be filled up or drained out by cutting drains.	It will be complied, if required.
Xxiv	Solid barriers shall be left below the roads falling within the blocks to avoid any damage to the roads.	It is being followed. Sufficient barriers are left for saving the surface installation and infra structures as

		per the statute and DGMS guidelines.
Xxv	No depillaring operation shall be carried out below the township/colony.	At present no ug depillaring operation is there at Kusunda Area.
Xxvi	The Transportation Plan for conveyor-cum-rail for Cluster-VII should be dovetailed with Jharia Action Plan.. The Plan for conveyor-cum-rail for Cluster-VII should be dovetailed with Jharia Action Plan. The road transpiration of coal during phase-I should be by mechanically covered trucks.	CMPDIL, RI-II has been requested to conduct study and prepare the plan in this regard. Conversion of existing truck in to mechanically covered trucks in a phased manner has been taken up. By that time transportation is being done by covering vehicle with tarpaulin cover.
Xxvii	A study should be initiated to analyze extent of reduction in pollution load every year by reducing road transport	CMPDI RI-2 has been requested for Source Apportionment Study.
Xxviii	R&R of 13605 nos of PAF's involved. They should be rehabilitated at cost of Rs 529.47Crores as per the approved Jharia Action Plan.	Rehabilitation of PAF is being taken up as per the approved Master Plan.
xxix	A detailed CSR Action Plan shall be prepared for Cluster VII croup of mines. Specific activities shall be identified for CSR the budget of Rs. 311.35 Lakhs per year@ Rs 5/T of coal as recurring expenditure. The 143 ha of area within Cluster VII ML existing as waste land and not being acquired shall be put to productive use under CSR and developed with fruit bearing and other useful species for the local communities. In addition to afforesting 794.09 ha of are at the post-mining stage, 135.5 ha waste land /barren land within Cluster VII ML shall be rehabilitated/reclaimed as forest/agricultural land under CSR Plan in consultation with local communities. Third party evaluation shall be got carried out regularly for the proper implementation of activities undertaken in the project area under CSR. Issue raised in the Public Hearing shall also be integrated with activities being taken up under CSR. The details of CSR undertaken along with budgetary provisions for the village-wise various activities and expenditure thereon shall be uploaded on the company website every year. The company must give priority to capacity building both within	CSR activities are being taken up on priority basis.. The details of activities as enclosed annexure-F Further a detailed project specific CSR Action Plan shall be formulated and for this purpose, BCCL has approached TATA INSTITUTE OF SOCIAL SCIENCES, MUMBAI which is also the focal agency of the National CSR Hub.  TISS ,Mumbai has informed that the process of interviewing ,short listing and selection of Programme Managers and Program Officers has been completed and their Officers are expected to report on field duty soon.

	the company and to the local youth, who are motivated to carry out the work in future.	
Xxx	For monitoring land use pattern and for post mining land use, a time series of landuse maps, based on satellite imagery (on a scale of 1: 5000) of the core zone and buffer zone, from the start of the project until end of mine life shall be prepared once in 3 years (for any one particular season which is consistent in the time series), and the report submitted to MOEF and its Regional office at Bhubaneswar.	Presently a time series map of vegetation cover in the Jharia Coal Field is being carried out through CMPDI Ranchi using satellite imagery for every 3 years. Further CMPDI has been requested to prepare "Time series of land use maps based on satellite imagery of the core zone and buffer zone in the scale 1:5000.
Xxxi	A Final Mine Closure Plan along with details of Corpus Fund shall be submitted to the Ministry of Environment & Forests five year before mine closure for approval. Habitat Restoration Plan of the mine area shall be carried out using a mix of native species found in the original ecosystem, which were conserved in-situ and ex-situ in an identified area within the lease for reintroduction in the mine during mine reclamation and at the post mining stage for habitat restoration.	CMPDI, Ranchi has been requested to prepare "Final Mine Closure Plan along with a Plan for Habitat Restoration and with details of Corpus Fund".
xxxii	A separate environmental management cell with suitable qualified personnel shall be set up under the control of a Senior Executive, who will report directly to the Head of the company for implementing environment policy and socio-economic issues and the capacity building required in this regard.	A full-fledged Environment Department, headed by a HoD (Environment) along with a suitable qualified multidisciplinary team of executives which includes Environment, Mining, Excavation, Civil, Survey, Electrical & mechanical, Forestry disciplines executives and technicians has been established in Headquarters. They are also trained in ecological restoration, sustainable development, rainwater harvesting methods etc. At the Area level, one Executive in each area has also been nominated as Nodal Officer (Environment) under General Manager of Area and at Project level, concerned Safety Officer under Project Officer is looking after the environment related jobs and also entrusted with the responsibility of compliance and observance of the environmental Acts/ Laws including environment protection measures. The activities are monitored on regular basis at Area and at Head quarters levels. GM



		<p>(Environment) at head quarter level, co-ordinates with all the Areas and reports to the Director (Technical) and in turn he reports to the CMD of the company.</p> <p>The team is multidisciplinary and very much motivated under the guidance of company's Director (Technical) and CMD. Further capacity building at both corporate and operating level is being done.</p>
Xxxiii	Implementation of final mine closure plan for Cluster VII, subject to obtaining prior approval of the DGMS in regard to mine safety issues	Final Mine Closure Plan, as per the guideline will be submitted 5 years before the closure of the Mine. For the purpose of safety issues related to the closure prior approval of DGMS will be taken in this regard.
Xxxiv	<p><b>Corporate Environment Responsibility:</b></p> <p>a) The Company shall have a well laid down Environment Policy approved by the Board of Directors.</p> <p>b) The Environment Policy shall prescribe for standard operating process/procedures to bring into focus any infringements/deviation/violation of the environmental or forest norms/conditions.</p> <p>c) The hierarchical system or Administrative Order of the company to deal with environmental issues and for ensuring compliance with the environmental clearance conditions shall be furnished.</p> <p>To have proper checks and balances, the company shall have a well laid down system of reporting of non-compliances/violations of environmental norms to the Board of Directors of the company and/or shareholders or stakeholders at large</p>	<p>A well defined Corporate Environment Policy has already been laid down and approved by the Board of Directors. This is also posted on BCCL website.</p> <p>Complied.</p> <p>A hierarchical system of the company to deal with environmental issues from corporate level to mine level already exists.</p> <p>Being complied.</p>
B	General Conditions by MOEF:	
i	No change in mining technology and scope of working shall be made without prior approval of the Ministry of Environment and Forests.	Being followed.


ii	No change in the calendar plan of production for quantum of mineral coal shall be made.	Being followed. Production is being done well within the peak production capacity as per EC.
iii	Four ambient air quality monitoring stations shall be established in the core zone as well as in the buffer zone for PM <sub>10</sub> , PM <sub>2.5</sub> , SO <sub>2</sub> and NO <sub>x</sub> monitoring. Location of the stations shall be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets in consultation with the State Pollution Control Board. Monitoring of heavy metals such as Hg, As, Ni, Cd, Cr, etc carried out at least once in six months.	The work of monitoring of ambient environment has already been awarded to Central Institute of Mining & Fuel Research (CIMFR), Dhanbad having CSIR laboratory recognized under the EP Rules.
iv	Data on ambient air quality (PM <sub>10</sub> , PM <sub>2.5</sub> , SO <sub>2</sub> and NO <sub>x</sub> ) and heavy metals such as Hg, As, Ni, Cd, Cr and other monitoring data shall be regularly submitted to the Ministry including its Regional Office at Bhubaneswar and to the State Pollution Control Board and the Central Pollution Control Board once in six months. Random verification of samples through analysis from independent laboratories recognised under the EPA rules, 1986 shall be furnished as part of compliance report.	The work of monitoring of ambient environment has already been awarded to Central Institute of Mining & Fuel Research (CIMFR), Dhanbad having CSIR laboratory recognized under the EP Rules. Presently ambient air quality is being monitored through BCCL own Laboratory at HQ level. The result of analysis report is enclosed as Annexure-E
V	Adequate measures shall be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in blasting and drilling operations, operation of HEMM, etc shall be provided with ear plugs/muffs.	Being Complied.
Vi	Industrial wastewater (workshop and wastewater from the mine) shall be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19 <sup>th</sup> May 1993 and 31 <sup>st</sup> December 1993 or as amended from time to time before discharge. Oil and grease trap shall be installed before discharge of workshop effluents.	The work of monitoring of ambient environment has already been accepted by Central Institute of Mining & Fuel Research (CIMFR), Dhanbad having CSIR laboratory recognized under the EP Rules. Presently mine effluent is being monitored through BCCL own Laboratory at HQ level. The result of analysis report is enclosed as Annexure-E.

Vii	Vehicular emissions shall be kept under control and regularly monitored. Vehicles used for transporting the mineral shall be covered with tarpaulins and optimally loaded.	Being Complied.
Viii	Monitoring of environmental quality parameters shall be carried out through establishment of adequate number and type of pollution monitoring and analysis equipment in consultation with the State Pollution Control Board and data got analyzed through a laboratory recognized under EPA Rules, 1986.	The work of monitoring of ambient environment has already been awarded to Central Institute of Mining & Fuel Research (CIMFR), Dhanbad having CSIR laboratory recognized under the EP Rules.
Ix	Personnel working in dusty areas shall wear protective respiratory devices and they shall also be provided with adequate training and information on safety and health aspects.	Being Complied. A separate full fledged Human Resource Development Deptt. Is conducting regular training programme on these issues. Apart from this Vocational Training Centers are existing in the Area which provides periodical training on the safety and occupational health issue to each of the workers working in the mines.
X	Occupational health surveillance programme of the workers shall be undertaken periodically to observe any contractions due to exposure to dust and to take corrective measures, if needed and records maintained thereof. The quality of environment due to outsourcing and the health and safety issues of the outsourced manpower should be addressed by the company while outsourcing.	Initial Medical Examination (IME) and Periodical Medical Examination (PME) of all the personnel of the Area is carried out at Bhuli PME Centre, Bhuli, Dhanbad as per the Statutes and Director General of Mines Safety (DGMS) guideline.
xi	A separate environmental management cell with suitable qualified personnel shall be set up under the control of a Senior Executive, who will report directly to the Head of the company.	A full-fledged Environment Department, headed by a HoD (Environment) along with a suitable qualified multidisciplinary team of executives which includes Environment, Mining, Excavation, Civil, Survey, Electrical & mechanical, Forestry disciplines executives and technicians has been established in Headquarters. They are also trained in ecological restoration, sustainable development, rainwater harvesting methods etc. At the Area level, one Executive in each area has also been nominated as Nodal Officer (Environment) under General Manager of Area and at Project level, concerned Safety Officer under Project Officer is looking after the environment related jobs and also entrusted with the responsibility of compliance and observance of the environmental

		Acts/ Laws including environment protection measures .The activities are monitored on regular basis at Area and at Head quarters levels. GM (Environment) at head quarter level, co-ordinates with all the Areas and reports to the Director (Technical) and in turn he reports to the CMD of the company.
		The team is multidisciplinary and very much motivated under the guidance of company's Director (Technical) and CMD. Further capacity building at both corporate and operating level is being done.
Xii	The funds earmarked for environmental protection measures shall be kept in separate account and shall not be diverted for other purpose. Year-wise expenditure shall be reported to this Ministry and its Regional Office at Bhubaneswar.	A separate fund under the environmental protection measures has already been allocated.
Xiii	The Project authorities shall advertise at least in two local newspapers widely circulated around the project, one of which shall be in the vernacular language of the locality concerned within seven days of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution control Board and may also be seen at the website of the ministry of Environment & Forests at <a href="http://envfor.nic.in">http://envfor.nic.in</a> .	It has been complied. Advert in local newspaper is enclosed as annexure-G. EC displayed in Notice Board also.
Xiv	A copy of the environmental clearance letter shall be marked to concern Panchayat/ZilaParishad, Municipal corporation or Urban local body and local NGO, if any, from whom any suggestion /representation has been received while processing the proposal. A copy of the clearance letter shall also be displayed on company's website.	Complied.
xv	A copy of the environmental clearance letter shall be shall also be displayed on the website of the concerned State Pollution Control Board. The EC letter shall also be displayed at the Regional Office, District Industry Sector and	Complied.

	Collector's Office/Tehsildar's Office for 30 days.	
Xvi	The clearance letter shall be uploaded on the company's website. The compliance status of the stipulated environmental clearance conditions shall also be uploaded by the project authorities on their website and updated at least once every six months so as to bring the same in public domain. The monitoring data of environmental quality parameter (air, water, noise and soil) and critical pollutant such as PM <sub>10</sub> , PM <sub>2.5</sub> , SO <sub>2</sub> and NO <sub>x</sub> (ambient) and critical sectoral parameters shall also be displayed at the entrance of the project premises and mine office and in corporate office and on company's website.	Complied.
Xvii	The project proponent shall submit six monthly compliance reports on status of compliance of the stipulated environmental clearance conditions (both in hard copy and in e-mail) to the respective Regional Office of the Ministry, respective Zonal Office s of CPCB and the SPCB.	Being complied.
Xviii	The Regional Office of this Ministry located at Bhubaneswar shall monitor compliance of the stipulated conditions. The Project authorities shall extend full cooperation to the office(s) of the Regional Office by furnishing the requisite data/ information/monitoring reports.	Shall be complied.
Xix	The Environmental statement for each financial year ending 31 March in For -V is mandated to be submitted by the project proponent for the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be uploaded on the company's website along with the status of compliance of EC conditions and shall be sent to the respective Regional Offices of the MoEF by E-mail	Being complied.
C	Other Conditions by MOEF:	
I	The Ministry or any other Competent Authority may stipulate any further condition(s) for environmental protection.	Agree.

ii	Failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract the provisions of the Environment (Protection) Act, 1986.	Agree.
iii	The above conditions will be enforced <i>inter-alia</i> , under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and Rules. The proponent shall ensure to undertake and provide for the costs incurred for taking up remedial measures in case of soil contamination, contamination of groundwater and surface water, and occupational and other diseases due to the mining operations.	It is being complied.
iv	The Environmental Clearance is subject to the outcome of the Writ Petition filed by M/S Bharat Coking Coal Limited (BCCL) in response to the closure orders issued by the Jharkhand State Pollution Control Board which is pending in the Jharkhand High Court.	Agree.

  
 18/12/13  
 Additional General Manager  
 POOTKEE BALIHARI AREA  
 B.C.C.L. DHANBAD

## Annexure-A

BCCL



**Bharat Coking Coal Limited**  
(A Subsidiary of Coal India Limited)  
Office of HOD (Environment)  
Koyla Bhawan, Koyla Nagar  
Dhanbad 826005

Ref. No. BCCL/HOD(Env)/F- MP/13/ 610

Dated 21.05.2013

To,

Dr Vinod Kumar,  
Group Head, Geosciences group  
Sc/Eng-SG  
National Remote Sensing Centre  
Indian Space Research Organization  
Dept of Space, Govt Of India, Balanagar, Hyderabad  
Andhra Pradesh-500625

**Subject :** Regarding proposal for "Delineation of Surface Coal Fire and associated Land Subsidence in Jharia coalfield, Jharkhand using satellite based remote-sensing techniques at a cost of Rs 19.70 Lakhs submitted by e-mail on 15.05.2013

D/Sir,

We are in receipt of the aforesaid proposal, sent by email on 15.05.2013, covering two components of the scope of study and subsequent communication by BCCL vide letter no. BCCL/D (T) Op/F-Env/2012/148(A) dated 11.02.2013:

- Part 1: Coal Fire mapping of Jharia Coalfield using Thermal Infra-red data - for a cost of Rs. 6,70,721=00. The study is proposed to be completed within 8 months and
- Part 2: Land subsidence mapping of Jharia Coalfield using Interferometric SAR data - for a cost of Rs. 12,98,571=00. The study is proposed to be completed within 12 months.

Competent authority of BCCL has approved both the two components as above. You are therefore requested to submit your invoice for 90% amounting to 17.73 Lakhs, of the cost of the project Rs 19.00 Lakhs at the earliest for placing the work order and releasing the 90% amount.

Thanking you,

Yours faithfully,

HOD (Environment)

# DETAIL OF PLANTATION DONE BY BCCL

Plantation done by BCCL during different years is given below:

Chart.

Sl. No.	Name of Area	93-94	94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	06-07	07-08	08-09	09-10	Total
1	Barora			4200	10000	75000	2000	2000	42500										223650
2	Block			3000						82500									14250
3	Govindpur	80000		8650	4000					5000		4000							92950
4	Katras	45000		3500	2000					45000									96700
5	Katras Orren	75000																	142100
6	Silva	75000		1000	96500	50000	2000	26000	5000	270000									75000
7	Kusumda	75000		12000	5000	242500													536000
8	Govindpur	125000		300	56000														343800
9	Govindpur	75000		1100		142500													322153
10	Govindpur	50000		10000	4000														194400
11	Bhagoria	225000		125	4000	12500													64000
12	Eastacole	150000		2500	87500	50000													394325
13	Lucna	100000		10600	300	25000													171200
14	Bhowra	50000		300	2000	100000													425875
15	C.V Area			11000	7000	1000													175300
16	Moonrith			720	1100														54730
17	Sudandh			76000	2000														8000
18	Ropeway			9170															720
19	C.C.W.O																		13070
20	Central Township	50000																	78150
21	Others	1000000	300000	86465	392000	694500	20000	40200	47500	20000	695000	6500	1420	800	250	2500	10500	12200	12005
	Total	1000000	300000	86465	392000	694500	20000	40200	47500	20000	695000	6500	1420	800	250	2500	10500	12200	12005
																			139630
																			3665895

- Target of plantation 2011-12: 3,00,000
- In subsequent years BCCL will do plantation @2,00,000 per year.
- From the table it is very much clear that BCCL is planting almost 2,00,000 of trees every year.

Rajendra P. Baisel

General Manager  
P.B. Area



(A Subsidiary of Coal India Limited)

Revised PME for year 2013

**Revised PME for year 2013**

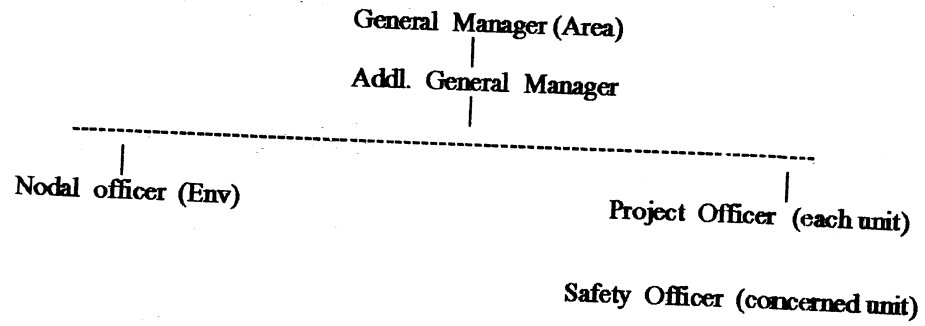
For Calendar year 2013-35%  
For Calendar year 2014-35%  
For Calendar year 2015-30%

**Target and Achievement from Jan '13 to Nov '13**

Target and Achievement from Jan'13 to Nov'13																
Sl.	Unit	Total	Tgt 2013 35% of M.P	Mont hly Tgt.	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Total
no.		M.P														
1	Simlabaahal	997	348	29	0	20	11	14	9	37	86	10	33	27	42	289
2	Burrnagarh	452	158	13	3	8	3	14	11	4	20	8	10	14	25	120
3	Hurrnadih	482	168	14	0	8	16	11	0	0	16	7	0	21	17	96
4	Bhutgarha															
Nil																

**Pootkee Balahari Area**

**Area Environment Organisational Chart**



**STATUS OF JHARIA MASTER PLAN DOVETAILED WITH ENVIRONMENT CLEARANCE CONDITIONS****Rehabilitation and Fire control measures****Socio-economic Survey :**

Out of total 595 nos. of fire affected / subsidence prone sites / areas to be surveyed, CIMFR, ISM, whiz Mantra and JRDA have completed demographic / socio-economic survey of 369 sites in which 39502 families have been identified. Photo Identity Cards (PICs) are completed for 24076 families till 31.05.2013.

**Accommodation provided in Satellite Township:**

- 2352 houses have been constructed in Belgoria rehabilitation Township "Jharia Vihar" in which 1161 families have shifted till 31-05-2013. Progress is very slow since July, 2012.
- 1137 nos. of affected families have each been handed over cheque amounting to Rs.10,000/- as shifting allowance.
- 1041 nos. of families have been given 1<sup>st</sup> & 2<sup>nd</sup> payment of minimum wages of 250 days, whereas 299 nos. of families have been given 3rd & 4th last instalment totalling to 500 days.
- As decided in 4<sup>th</sup> HPCC meeting, revised updated cost estimate of Master Plan as on April, 2011 was prepared by CMPDI, after incorporating BSUP housing provision under JNNURM norms for encroachers (carpet area enhanced from 18.9 sq.m. to 25.10 sq.m.). This was accepted in JRDA Board and was sent to MoC for kind approval on 2nd April, 2012. The proposal for enhancement of the area has been moved by MoC to Cabinet Committee of Infrastructure (CCI) for approval on 11-10-2012, which have been approved on 10<sup>th</sup> Jan 2013 and communicated on 21-02-13.
- E-tender for 2000 units BSUP Houses under JNNURM norms (Carpet area 25.10 sqm) has been floated by JRDA on 9.12.2011. Tender is opened on 16.01.12. Price bid opened on 21.02.2012. Letter for acceptance has been issued to M/s INDU PROJECTS LTD. Hyderabad by JRDA vide letter No.365, dated 6.9.2012 for awarded value of Rs.70.11 crores. Work has been started by the agency on 18.02.2013. Foundation works in 30 Blocks are in progress. Physical progress of the work is 2.5%

JRDA is unable to shift non-BCCL persons/ encroachers from endangered and fiery zones under the approved Master Plan, due to non-availability of houses / land for rehabilitation. BCCL has decided to temporarily shift those persons (whose socio-economic survey has been done by JRDA) to 'Reclaimed Sites' in various collieries of BCCL. For the purpose, BCCL has already selected 47.84 Acres land in non-fire zones

**Position of acquisition of land by JRDA for rehabilitation sites:**

- About 1105 ha. of land (say 2730 Acres) would be required for resettlement of non-BCCL families.
- Proposals for acquisition of 1038.88 acres of Raiyati land have been sent to the DLAO, Dhanbad by JRDA.
- Proposal for acquisition of 274.44 acres of Government land have been sent to the Addl. Collector, Dhanbad.

- 440 acres of Raiyati as well as Govt. land have been surveyed for acquisition / transfer by JRDA.
- Delivery of possession for mouza Lipania (120.82 acres Raiyati land) and Dhokra (Ring road 7.99 acres Raiyati land and 1.35 acres Govt. land) has been taken over by JRDA from DLAO, Dhanbad on 28.02.13.

Delivey on possession for mouza duhatand- 5.12 Acre, Manaitand – 2.33 Acre and Dhanbad- 4.76 Acre has been taken over by JRDA from DLAO, Dhanbad on 15.04.13

**Transfer of land to JRDA by BCCL:**

86.44 acres of vacant land in Bhuli Township and 849.68 acres of non-coal bearing land in and around Belgoria Township belonging to BCCL have been identified for developing new Townships by JRDA. NOC for transferring the land to JRDA has been given by MoC which has been communicated to JRDA vide letter no. D(T):OP:F-24/11/502 dated 30.09.11/3.10.11. BCCL has provided all the required mouza plans with details to JRDA vide letter no. 944, dated 16.12.2011 and No.964, dated 17.12.2011 in response to letter no.365, dated 27.5.13 issued by DC-cum-Project Director, JRDA, BCCL proposed one time dispensation for release of 372 employments for physical possession of entire land for which NoC has been given to JRDA. Said proposal is agreed by BCCL Board and also forwarded to CIL for obtaining permission from MoC, Govt. of India.

**Road diversion from fire affected areas:**

- A DPR for strengthening / widening of Mahuda –Topchanchi road as short term measure, duly prepared by RITES, has been approved by Secretary, Road Construction Deptt., Govt. of Jharkhand, who in turn has asked BCCL to submit Rs.19.86 crores for the same. BCCL has provided the amount to JRDA on 25.02.2012 and they have deposited the amount to Executive Engineer, RCD, Dhanbad on 14.3.2012. RCD have finished 45% of job with fund utilisation of Rs.7.00 Cr. Earth work and GSB upto 17 km. is completed. WBM completed upto 8.0 km.

DPR for construction of road from Joraphatak to Dhokra, for connectivity of Belgoria Township was forwarded to RCD, Govt. of Jharkhand on 13.2.2012 by JRDA for technical sanction. Work has been awarded by RCD, Dhanbad, which is likely to start shortly

**Rail Diversion from fire affected places:**

RITES had submitted the discussion plan on the above subject to JRDA on 8.9.2010. BCCL's observations had been sent to JRDA on 30.11.2010. In this regard, E.C. Railway, Hazipur and S.E. Railway, Kolkata had also forwarded the brief report along with their comments to Railway Board,

New Delhi. A meeting was held on 27.4.2012 in the office of C.O.M., E.C. Rly., Hajipur. After discussions in length, it was agreed by E.C. Rly. to send their report soon to Railway Board, New Delhi. Some comments were asked by C.O.M., E.C.Rly., Hajipur and reply was sent to them on 25th July, 2012. East- Central Railway, Hajipur has sent his consent to Railway Board on 14.02.13 along with their suggestions.

On the other hand, directions have been issued to RITES Ltd. by D.C.-cum-Project Director, JRDA for traffic survey and data collection to initiate feasibility study regarding Diversion of Railway lines from fire affected and subsidence prone areas. RITES has floated tender for detailed feasibility reports of proposed Railway alignment.

**Utility Services Diversion from the fire affected areas:**

- Discussion Plan and Brief Report for proposed diversion of Utility Services has been prepared by RITES on 07.01.2011. BCCL issued clearances to JRDA on 22.03.2011 for electrical and telecom portion and on 19.5.2011 for water supply portion.
- JRDA had asked RITES Ltd. to start the survey work and prepare a detailed project report (DPR) on the above.
- Survey work of utility services is in progress from last week of June, 2012 by RITES Ltd. Feasibility Report for diversion of utility service of Jharia Coalfield has been submitted by RITES Ltd. on 30.03.2013.

**Service building:**

- Tender for providing boundary pillars for 90 acres of land at Belgoria has been invited and LOA has been issued by JRDA on 25.08.2012 for Rs.2,32,826/-. Work has been started on 6.9.2012. Concrete pillars are ready but erection could not be done due to land problem. JRDA has issued LOA for construction of high school at Belgoria vide no.326 dated 17.05.13 in favour of M/S NDC&NECCPL(JV) for the cost of Rs.3.61 crore for the completion period of 15 months. Construction work is started by the agency.
- Construction work of Market Complex, Bank & Post Office at Jharia Vihar, Belgoria has been completed and ready for allotment. A committee has been constituted by DC-cum- Project Director JRDA for allotment of shops at Belgoria.
- BCCL has provided Health Sub-Centre, Community Centre, Atta Chakki at Belgoria Township for betterment of inhabitants of the township.
- LOA for construction of Temple at Belgoria has been issued. But contractor did not turn up to start the work. His EM Deposit was forfeited and retender was called on 26.02.2013. LOA has been issued by JRDA on 25.04.13. Work is also started by the agency.

- Work for construction of Masjid at Belgoria has been issued to M/S Om Prakash Singh for the value of Rs. 16.77 Lacs and 5% job is completed.
  - JRDA has issued LOA for construction of boundary wall around Children Park at Belgoria to M/S Raj Construction for the value of Rs. 12.21 Lacs and 2% job is completed.
  - JRDA has selected 62 rehabilitated persons from Belgaria Township for imparting training at ITI Dhanbad under CSR activities of BCCL for which BCCL has already paid Rs.2,49,300/- to JRDA. Training of 26 persons has been started in 1<sup>st</sup> Phase.
  - BCCL has released Rs.3.37 Cr. to JRDA on 31.03.2012 for strengthening of road from Barmasia to Jharia-Baliapur road junction via Belgaria Township, for better connectivity to rehabilitated persons under CSR activity. JRDA has obtained technical sanction for Rs.3.50 Cr. (approx.) on 14.05.2012. Work has been started by Rural Works Deptt. (RWD) and 28% work is completed.
  - BCCL has constructed Computer and Sewing Training Centre at Jharia Vihar, Belgoria for the cost of Rs.6.67 lakhs.
  - BCCL has constructed Administrative Block at Jharia Vihar, Belgoria for the cost of Rs.3.84 lakhs.
- Drain clearing work in Jharia Vihar, Belgoria is completed

**(I) Welfare Programme :**

Various welfare training and employment generation programmes are being organised with the help/aid of Nari Shakti of BCCL for rehabilitated families at Belgoria Townships viz.

- (i) Distribution of 14 Rickshaws, 8 business tri-cycles, 8 tricycles, 6 wheel chairs and 5 baishakhis to the needy persons.
- (ii) 1500 blankets were distributed in winter seasons.
- (iii) 80 women are getting stitching training in 4 batches.
- (iv) Adult education programme are also being conducted. 60 persons are covered uptill now.
- (v) A Self Help Group comprising of ladies of nine families headed by Kanak Lata Singh is making paper pouches from the donated old newspapers of BCCL township at Belgoria. They prepare about 250 kg. paper pouches in the month and sell at the rate of Rs.20/- per kg earning Rs.5000/- per month.
- (vi) 2000 study materials viz. note-books, pencils, pens, erasers have recently been distributed to the rehabilitated students to promote education amongst them.

An MoU has been signed on 20.03.2013, followed by an agreement on 15.04.2013 between BCCL and CIDC for engaging Construction Industry Development Council (CIDC), New Delhi for employment linked training programme in construction sector etc. for project affected persons (PAPs) using CSR funds. It is a programme that around 5000 (Five thousands) persons shall be given training through CIDC in the year 2013-14. The MoU and Agreement have been approved by BCCL Board of Directors.

**Shifting of BCCL employees residing in fire affected areas:**

- (b) For this purpose, 344 houses have been built in non-coal bearing zone.
- (c) 1152 triple storied quarters (96 Blocks each of 12 units) have been constructed at various places in non-coal bearing zone of Kusunda, Katras and Lodna. Development works like External drainage, Road, Retaining walls and Boundary wall have been started at various construction sites. Board of Directors of BCCL has approved Deviation Statement for the additional value of Rs.1.57 crore and asked CIL to release the fund.
- (d) BCCL Board has approved construction of 4080 triple storied quarters (340 Blocks each of 12 units). These quarters have also been planned to be constructed in non-coal bearing area at Kusum Vihar & Jagjivan Nagar in addition to Karmatand, Karmik Nagar and Alakdih. The work order has been issued to M/s KCPL and VCL (JV), Bokaro on 22/ 23.12.2011 for the value of Rs.165.56 Crores. Work has already been started by the agency at Kusum Vihar, Jagjivan Nagar and Karmik Nagar.
  - Roof of ground floor of 182 (one hundred eighty two) blocks have been casted.
  - Roof of 1<sup>st</sup> floor of 122 (one hundred twenty two) block has been casted.
  - Roof of 2<sup>nd</sup> floor of 100 (one hundred) block has been casted.
  - Inside plastering in 80 (eighty) blocks has been completed.
  - Flooring in 38 (Thirty eight) blocks has been completed.
  - Door window in 102 (one hundred two) blocks has been completed.
  - Outside plastering in 48 (forty eight) blocks has been completed.
  - Expenditure made for the work is Rs.55.83 Cr.

A proposal for construction of 4020 triple storied quarters (335 Blocks each of 12 units) has been made. These quarters have been planned to be constructed in non-coal bearing area at Karmatand Township under Bastacolla Area, Govindpur Area, Lodna Area, EJ Area and CV Area. Tender has been called and price bid opened on 02.04.2013. Tender committee recommendation placed in 296<sup>th</sup> Board of Directors of BCCL on 20.04.13. Board has accorded approval for the said tender in favour of M/S unity KCPL (JV) for Rs. 287 Crore. Letter of acceptance has been issued vide no. BCCL/CED/GM(C)/LOA-10/2013-14/253 dated 29/30.05.13

**Status of fire dealing :**

Under Master Plan, total 28 nos. of Fire schemes have been proposed in Phase-I to be formulated / prepared for dealing with 67 fires sites spread in 41 collieries. Till date 11 fire schemes have been approved by Board and implemented, out of which 4 nos. of schemes have been completed and rest are under different stages of execution. Three more fire Schemes are under preparation at CMPDIL. Further for expediting the fire dealing process, excavation methods has been resorted to by deploying Hired HEMM at various mines of BCCL. For this, the expenditure is being made from its own revenue budget.

BCCL approached NRSC for conducting fresh survey of fires and subsidence by remote sensing methods in January 2013. NRSC has sent the proposals for coal fire mapping of Jharia coalfield using thermal infra-red data for the cost of Rs.6,70,721.00 and land subsidence mapping of Jharia coalfield using Inter-ferometric SAR data for a cost of Rs. 12,98,571.00. As an advance action, BCCL has approved both the proposals and requested NRSC to submit invoice for Rs. 17.73 lacs (90% of the total cost) vide letter no.BCCL/HOB (Env ) /F-MP/610 dated 21.05.13.

A MoU is to be entered with the NRSC for start of the work .For this purpose, duly signed MOU from our end has been sent to NRSC for necessary processing at their end and to start the work immediately. Meanwhile NRSC is mobilising the scientists and other preparatory work to start the survey.

Against the earmarked amount of Rs.2311 crores, an amount of Rs.16 crores has been disbursed to BCCL for control of fires. Now an amount of Rs.2295 crores remains under the approved Jharia Master Plan unspent for fire control measures.

It is proposed by BCCL vide letter no.BCCL/CMD/Sr.ES/F-2(A)/12/274, dated 2<sup>nd</sup> Aug., 2012 that this amount of Rs.2295 crores can be re-appropriated till the RE crosses the amount for facilitating the following various activities for implementation of rehabilitation of families from endangered areas as per the approved Master Plan:

- (a) in enhancing the size of the rehabilitation houses / carpet area from Indira Awas Yojana type to JNNURM housing norms.
- (b) in meeting the financial impact on account of increase in the number of endangered families after actual demographic survey.
- (c) in meeting the appreciation of price of land acquisition etc.

This will enable in accelerating in the implementation of Jharia Master Plan.



### 3. CSR ACTIVITIES OF BCCL

Bharat Coking Coal Limited (BCCL) is committed to good corporate citizenship and makes constant efforts to build and nurture long lasting relationships with members of the society in general and it's peripheral communities in particular.

BCCL is taking up activities from the HQ level and through its administrative areas for the implementation of CSR activities. For this purpose A CSR cell is functioning which is headed by General Manger(Welfare) under the direct control of Director(Personnel) of the company.

The CSR activities are specific to the village, depending on the need assessed for the people by local Hon'ble M.Ps and M.L.As. Further as suggested by the MOEF Committee, a detailed project specific CSR Action Plan shall be formulated and for this purpose, BCCL has approached TATA INSTITUTE- AND SOCIAL SCIENCES, MUMBAI which is also the focal agency of the National CSR Hub. CSR Action Plan shall be formulated for the whole Jharia Coalfield and also project-wise which will include need-based/ stakeholder base line survey, monitoring, evaluation, auditing, etc.

#### **The CSR activities presently being done by BCCL**

- To meet the acute shortage of drinking water in peripheral villages' drinking Water is provided through deep borewells, tubewells, pumps/motors, in the peripheral villages of BCCL. Water supply through pipeline, through water tanker is provided also to the villages.
- **Education:** BCCL adopts a multi-pronged approach to promote quality education in backward areas. The measures taken by BCCL comprise Construction, Extension, and Renovation of school buildings etc are done to promote quality education in the nearby villages. BCCL is Extending financial aid for educational facilities to 83 nos. Private Committee Managed schools. Measures are taken to promote women literacy and carrier development.
- **Health Care:** BCCL Conducts medical/health camps for dwellers of peripheral villages for rendering free medical consultancy. CSR Clinics, wellness clinics, artificial limbs centers are organized for the benefit of the needy section of the society.. Mobile medical vans are deployed as special arrangement for medical services. AIDS awareness camps are organized as special drive to develop awareness and to render free consultancy.
- **Occupational health:** awareness programme are organized.
- **Other Welfare Activities:** this includes Construction / renovation of Community Halls, construction / repair of roads, construction of Health-sub centres, construction of drain, construction of Chhat Ghat in the ponds, Construction of Boundary wall, providing Choupal for community gatherings, Installation of road side Water Kiosks during summer etc.
- **Mashla Chakki centres :** Mashla Chakki centres are established with machines to promote self employment.
- **Blankets:** During winter, Blankets are distributed among poor section of the society.

- **Sports & Cultural:** Various activities are organized to propagate sports and cultures. Sports/games items and instruments are also provided. To promote sports, children parks are constructed.
- **Village adoption:** Lahbera – A SC/ST village in Dhanbad has been adopted for its all round development and a number of development activities have been carried out.
- **Skill development training programs by BCCL for Project Affected persons, fire affected persons and nearby communities:** Bharat Coking Coal Limited (BCCL) has signed a Memorandum of Understanding with Construction Industry Development Council (CIDC), New Delhi, a body promoted by Planning Commission, on 20.03.2012 for employment linked training program in the Construction Sector for poor and downtrodden people of the Jharia coalfield including project affected persons and fire affected people. BCCL in coordination with the CIDC is identifying the project affected persons to undergo the required training programs to be conducted by CIDC.

In this regard BCCL will bear the training cost @ Rs.42960/ per candidate which includes all expenses including lodging and boarding and after training the CIDC has to ensure a minimum of 75 % of sustainable placement for a period of six months. In case of placement below 75%, pro rata payment is to be made. All training are mandatorily residential. In the year 2012-13 5000 youths will be trained and in the subsequent years no. Of trainees will be scaled up @ 15% per annum.

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