

**STATUS OF IMPLEMENTATION OF CONDITIONS STIPULATED IN ENVIRONMENTAL CLEARANCE FOR 7, 20,000 TPA ALUMINIUM SMELTER & 1650 MW CAPTIVE POWER PLANT FOR ADITYA ALUMINIUM BY M/S HINDALCO INDUSTRIES AT LAPANGA, SAMBALPUR, ORISSA.**

**REF: Environmental Clearance Letter No: J-11011/136/2009-IA.I (1), Dated 29<sup>TH</sup> November 2012 From MOEF, GOI.**

Sr. No.	Specific Conditions	Compliance
i)	The streams passing through the project site shall not be disturbed w.r.t their quantity and quality of flow	There are two nallahas, one in plant & one in water reservoir area passing through the Project site. However, We have noted the same and will not disturb any stream.
ii)	Alumina shall be obtained from those refineries, which have been accorded environmental clearance by the Ministry of Environment and Forests.	The alumina will be obtained from Utkal Alumina International Limited (UAIL), Rayagada and which has received environmental clearance from MoEF. If it is sourced from any other Refinery, we will ensure that the same has been granted environmental clearance.
iii)	The gaseous emissions (PM, SO <sub>2</sub> , NO <sub>x</sub> , PAH, HC, VOCs and Fluoride) from various process units shall conform to the standards prescribed by the concerned authorities from time to time. The SPCB may specify more stringent standards for the relevant parameters keeping in view the nature of the Industry and its size and location. At no time the emissions level should go beyond the prescribed standards. In the event of failure of any pollution control system adopted by the unit, the respective unit should not be restarted until the control measures are rectified to achieve the desired efficiency. The particulate emissions from the bake oven plant shall not exceed 50 mg/Nm <sup>3</sup> .	The gaseous emissions from various process units will conform to the standards prescribed by MoEF/SPCB.  The particulate emission from the bake oven plant will not exceed 50 mg/Nm <sup>3</sup> .  The unit is not yet in operation.
iv)	Particulate fluoride emissions should not be more than 0.65 mg/Nm <sup>3</sup> and fugitive particulate fluoride emissions from pot room should not be more than 1.85 mg/Nm <sup>3</sup> .	Particulate fluoride emissions and fugitive particulate fluoride emissions from pot room will be within the limit prescribed.
v)	The poly aromatic hydrocarbons (PAH) from the carbon plant (anode bake oven) should not exceed 2 mg/Nm <sup>3</sup> . The data on PAH should be monitored quarterly and report submitted regularly to the Ministry/Regional Office at Bhubaneswar and SPCB.	We have noted the limit prescribed for PAH, will monitor quarterly and submit the report to the Ministry's Regional Office at Bhubaneswar and OSPCCB regularly after commissioning of the plant.
vi)	In plant, control measures like fume extraction	Fume Extraction Centre (FTC) in Anode

	<p>and dust extraction system for controlling fugitive emissions from all the materials handling/transfer points shall be provided to control dust emissions.</p> <p>Fugitive Fluoride emissions from the pot room and in the forrage around the smelter complex and the data submitted regularly to the Ministry Regional Office at Bhubaneswar and SPCB.</p> <p>Further dry scrubbing system to control the emissions from the pot lines should be provided.</p>	<p>Baking Plant and Gas Treatment Plant (GTC) in pot lines and bag filter in raw material handling, GAP, Anode Baking, Roding areas, bath recycling, carbon recycling area, butts recycling area, cathode sealing shop etc is being installed to control fugitive dust.</p> <p>Fugitive fluoride in pot room, to be generated after commissioning of the plant and data will be submitted regularly SPCB.</p> <p>Advanced Dry scrubbing system is being installed in smelter to control fugitive emission.</p>
vii)	<p>Electrostatic Precipitators (ESP) will be provided to Captive Power Plant (CPP) to control particulate emissions below 50 mg/Nm<sup>3</sup>.</p> <p>The company shall provide bag filters, dry scrubbing system and dust suppression system to control all the emissions including fluoride emissions from all melting and casting units. Tar, Dust and fluoride in the fumes shall be controlled in baking furnace by providing dry scrubber.</p> <p>The emissions shall conform to the standards prescribed by the Ministry CPCB/SPCB whichever is more stringent.</p>	<p>The Electrostatic Precipitators (ESP) is being installed to Captive Power Plant (CPP) to restrict particulate emissions below 50 mg/Nm<sup>3</sup>.</p> <p>Advanced Dry scrubbing system is being installed in the Gas Treatment Centre and bag filters is being provided in all material handling &amp; transfer points. Fume treatment plant (FTP) is being installed in Anode Baking Furnace to treat the dust &amp; fluoride.</p> <p>The standards prescribed by the Ministry / CPCB/ SPCB will be strictly followed.</p>
viii)	<p>Provision for installation of FGD shall be provided for future use.</p>	<p>Provision has been kept for installation of FGD, if required.</p>
ix)	<p>One tri flue stack of 275 m height with flue gas velocity not less than 22 m/s shall be installed and provided with continuous online monitoring equipments for SO<sub>2</sub>, NO<sub>x</sub>, and PM<sub>10</sub>.</p>	<p>Two (02) numbers of Tri-flue stacks of 275 m height is being installed, and exit velocity will be maintained above 22 m/s.</p> <p>Online continuous monitoring equipment will be installed for monitoring of SO<sub>2</sub>, NO<sub>x</sub>, and PM<sub>10</sub>.</p>
x)	<p>Adequate dust extraction system such as cyclones/ bag filters and water spray system in dusty areas such as in coal handling and ash handling points, transfer areas and other vulnerable dusty areas shall be provided.</p>	<p>Adequate dust extraction system such as bag filters, dust suppression system, Dry fog system etc is being installed in coal handling and ash handling areas.</p>
xi)	<p>Utilization of 100% fly ash generated shall be made from 4th year of operation. Status of implementation shall be reported to the Regional Office of the Ministry from time to time.</p>	<p>Utilization of 100% fly ash generated shall be ensured from 4<sup>th</sup> year of operation.</p>

		Status of implementation will be reported to the Regional Office of the Ministry from time to time after commercial production of the power plant.
xii)	Fly ash shall be collected in dry form and storage facility (silos) shall be provided. Unutilized ash shall be disposed off in the ash pond in the form of slurry. Mercury and other heavy metals (Ag, Hg, Cr, Pb etc) will be monitored in the bottom ash as also in the effluent emanating from the existing ash pond. No ash shall be disposed off in low laying area.	<p>Fly ash &amp; bottom ash will be collected in dry form. The unutilized ash will be stored in ash disposal area through high concentration slurry disposal (HCSD) system.</p> <p>Monitoring of Mercury and other heavy metals (Ag, Hg, Cr, Pb etc) will be carried out in the bottom ash.</p> <p>No ash will be disposed off in low laying area without prior permission from SPCB/MoEF.</p>
xiii)	Fluoride (as F) consumption shall be less than 10 kg/ton of Aluminium produced as specified by the CREP.	Fluoride (as F) consumption will be restricted to 10 kg/ton of Aluminium produced as specified by the CREP.
xiv)	<p>Anode butts generated from the pots shall be cleaned and recycled to the Anode Plant.</p> <p>The spent pot lining generated from the smelter shall be properly treated in spent pot lining treatment plant to remove fluoride and cyanide and disposed off in secured landfill.</p> <p>The location and design of the land fill site shall be approved by the SPCB as per the Hazardous Waste (Management, Handling and Trans-boundary Movement) Rules, 2008. Leachate collection facilities shall be provided to the secured land fill facilities (SLF).</p> <p>The dross shall be recycled in the cast house.</p> <p>STP sludge shall be utilized as manure for greenbelt development.</p> <p>All the used oil and batteries shall be sold to the authorized recyclers/ re-processors.</p>	<p>Anode butts generated from the pots will be completely cleaned and recycled.</p> <p>The spent pot lining generated from the smelter shall be properly treated before disposal in the secured landfill.</p> <p>The location and design of the land fill site has been prepared as per the Hazardous Waste (Management, Handling and Trans-boundary Movement) Rules, 2008 and approved from SPCB, Odisha.</p> <p>Dross will be sold to the authorized recyclers/reprocessors.</p> <p>STP sludge will be utilized as manure for greenbelt development.</p> <p>The used oil and batteries will be sold to the authorized recyclers/reprocessors.</p>
xv)	As proposed, spent pot lining waste shall also be provided to cement and steel industries for further utilization.	All possible efforts will be made for the utilization of SPL in Cement and Steel Industries.
xvi)	Ash pond shall be lined with HDP/LDPE lining or any other suitable impermeable media such that no leachate takes place at any point of time. Adequate safety measures shall also be	All precautionary measures will be taken so that no leachate from the ash pond takes place. Adequate safety measures will be implemented.

	implemented to protect the ash dyke from getting breached. Ash pond water shall be recirculated and reused.	
xvii)	Cycle of concentration (CoC) of 5.0 shall be adopted.	Cycle of concentration (CoC) of 5.0 will be maintained.
xviii)	Regular monitoring of ground water shall be carried out by establishing a network of existing wells and constructing new piezometers.  Monitoring around the ash pond area shall be carried out particularly for heavy metals (Hg, Cr, As, Pb) and records maintained and submitted to the regional office of this Ministry. The data so obtained should be compared with the baseline data so as to ensure that the ground water quality is not adversely affected due to the project.	Regular monitoring of ground water will be done by establishing a network of existing wells and constructing new piezometers.  Monitoring of heavy metals (Hg, Cr, As, Pb) will be carried out and records will be maintained and compared with the baseline data. The data will be submitted to the Regional Office of the MoEF at Bhubaneswar.
xix)	Regular ground water monitoring shall be carried out by installing peizometers all around the secured land fill site in consultation with the SPCB, Central Ground Water Authority and State Ground Water Board and data submitted to the Ministry's Regional Office and SPCB.	Regular ground water monitoring will be carried out by installing peizometers all around the secured land fill site in consultation with the SPCB, Central Ground Water Authority and State Ground Water Board and data will be submitted to the Ministry's Regional Office and SPCB after establishment of secured land fill site.
xx)	Total water requirement for the expansion from Hirakud Reservoir shall not exceed 5,200 m <sup>3</sup> /hr and prior permission for the existing and proposed expansion shall be obtained from the concerned department before commissioning of the plant.  All the effluent including from the cooling tower and de-mineralization plant shall be treated in the effluent treatment plant and treated effluent shall be recycled/reutilized in the process in smelter and CPP and also for fire protection, dust suppression, greenbelt development etc.  Domestic effluent shall be treated in sewage treatment plant (STP) and treated domestic waste water will be used for greenbelt development.	No additional fresh water will be sourced from Hirakud Reservoir for the proposed expansion. The water requirement will not exceed 5,200 m <sup>3</sup> /hr as approved.  The effluent from the cooling towers and de-mineralization plant shall be treated in the effluent treatment plant and will be recycled/reutilized in the process of smelter and CPP, fire protection, dust suppression, greenbelt development etc  Separate Sewage Treatment Plant (STP) will be established for Smelter + CPP and Townships the treated domestic waste water will be used for greenbelt development.
xxi)	No effluent shall be discharged outside the premises of smelter during non-monsoon period and shall be discharged during the monsoon period only after treatment and meeting the norms of the SPCB/CPCB.	Not discharge any effluent as we shall operate an effluent treatment plant.

xxii)	Greenbelt of adequate width and density around the project site shall be developed in 33% area in consultation with the DFO as per the CPCB guidelines having density of 2,000 trees/Ha.	<p>The scheme for development of Greenbelt around the Aluminium Smelter &amp; CPP area at Lapanga has been recommended by the DFO, Sambalpur South Division and approved by the PCCF, Odisha.</p> <p>Aditya Aluminium has already started implementation of the Scheme inside the Core plant &amp; Township areas. Around 75,000 saplings planted and a Central Nursery has been established inside the project area having a capacity of 1, 50,000 plants &amp; at present more than 80,000 plants existing in the nursery &amp; ready for plantation.</p>
xxiii)	Occupational Health Surveillance of the workers should be done on a regular basis and records maintained as per the Factories Act.	Occupational Health Surveillance of the workers is being done as per the Factories Act.
xxiv)	The company shall develop rain water structures to harvest the runoff water for recharge of ground water in consultation with the Central Ground Water Authority/Board.	<p>Rain water harvesting is being carried out in the raw water reservoirs inside the Project area.</p> <p>The recharge of ground water if possible will be made in townships only in consultation with CGWA/CGWB.</p> <p><i>(An amendment to this point has been requested by Aditya Aluminium and an addendum to this point has been released in the MoEF website and MoEF has allowed us to recharge only townships area in consultation with CGWA/CGWB).</i></p>
xxv)	<p>Rehabilitation and Resettlement Action Plan as prepared and submitted to the State Govt. shall be implemented as per the R &amp; R Policy of the State Government.</p> <p>All the recommendations mentioned in the R&amp;R Plan shall be strictly followed including suitable employment and other facilities to all the oustees.</p>	<p>Rehabilitation and Resettlement Action Plan is being implemented as per the R &amp; R policy, 2006 of the State Govt.</p> <p>All the recommendations will be strictly followed/complied.</p>
xxvi)	All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Aluminium sector shall be strictly implemented.	All the condition of CREP for Aluminium sector will be strictly followed.
xxvii)	The company shall adopt well laid down corporate policy and identified and designate responsible officers at all levels of its hierarchy for ensuring adherence to the policy and	The company is under process of preparing a well laid down corporate policy. The draft policy is yet to be approved by the Board of Directors. The

	compliance with environmental clearance, environmental laws and regulations.	draft policy has been submitted to Regional Office of MoEF vide letter no. AAP/E&F/849, dated 26-02-2013.
xxviii)	All the commitments made to the public during public hearing /public consultation meeting held on 2 <sup>nd</sup> march 2012 should be satisfactorily implemented and a separate budget for implementing the same should be allocated and information submitted to the Ministry's Regional Office at Bhubaneswar.	All the commitments made in the public during public hearing /public consultation meeting held on 2 <sup>nd</sup> march 2012 is being under implementation and report will be submitted time to time.
xxix)	At least 5% of the total cost of the project shall be earmarked for towards the Enterprise Social Commitment and item-wise details along with time bound action plan should be prepared and submitted to the Ministry's office at Bhubaneswar. Implementation of such program should be ensured accordingly in a time bound manner.	As the expansion will be carried out in two phases i.e. Aluminium Smelter from 0.26 MTPA to 0.36 MTPA & Captive Power Plant from 650 MW to 900 MW in phase I and later up gradation will be made for smelter to 0.72 MTPA and Captive Power Plant to 1650 MW in phase II. The details of the expenditure made and planning for year 2013-14 is attached as annexure - 1.
xxx)	The company shall provide housing for construction labour 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 ensured accordingly in a time bound manner.	All necessary infrastructure and facilities are being provided to the workers from time to time.
xxxi)	The company shall submit within three months their policy towards Corporate Environment Responsibility which should inter-alia address (i) standard operating process/procedure to being into focus any infringement/deviation/violation of environmental or forests norms/conditions, (ii) Hierarchical system or administrative order of the company to deal with environmental issues and ensuring compliance to the environmental clearance and (iii) system of reporting of non-compliance/violation environmental norms to the Board of Directors of the company and/or stakeholders or shareholders.	The draft corporate environment policy, Organizational Structure for Hindalco Corporate Environment, Deployment of Corporate Policy in manufacturing Plants & communication of Policy as regards Corporate Environment submitted to Regional office of the MoEF vide letter no. AAP/E&F/849, dated 26-02-2013.
	<b>GENERAL CONDITIONS</b>	
i)	The project authorities must strictly adhere to the stipulations made by the OSPCB and the State Government.	We will follow the stipulations made by OSPCB and the State Government.
ii)	No further expansion or modification in the plant shall be carried out without prior approval of the Ministry of Environment and Forests.	We will not carry out expansion or modification in the plant without prior approval of MoEF.
iii)	The gaseous emissions from various process units shall conform to the load/mass based	We have noted and accepted the stipulated condition.

	standards notified by this Ministry on 19 <sup>th</sup> May, 1993 and standards prescribed from time to time. The SPCB may specify more stringent standards for the relevant parameters keeping in view the nature of the industry and its size and location.	
iv)	At least four number of ambient air quality monitoring stations shall be established in the downward direction as well as where maximum ground level concentration of SPM, SO <sub>2</sub> and NO <sub>x</sub> are anticipated in consultation with the OSPCB. Data on ambient air quality and stack emission should be regularly submitted to this Ministry including its Regional Office at Bhubaneswar and Orissa State Pollution Control Board once in Six months.	Four numbers of ambient air quality monitoring stations has been installed inside the project area during construction stage and continuous ambient air quality monitoring station is also proposed during operation of plant. Data of stack monitoring will be submitted after commissioning of the plant. The AAQ data will be submitted regularly to the Regional Office of MoEF and SPCB once in Six months.  The six-monthly compliance is being submitted to the concerned authorities regularly.
v)	The overall noise levels in and around the plant area should be kept well within the standards (85 dBA) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels should conform to the standards prescribed under EPA Rules, 1989 viz 75 dBA (daytime) and 70 dBA (nighttime).	We will implement all methodology to control noise and limit within the standard.  All necessary PPEs are provided to the workers.
vi)	Occupational Health Surveillance of the workers should be done on a regular basis and records maintained as per the Factories Act.	Occupational Health Surveillance of the workers is being done as per the Factories Act.
vii)	The company shall develop surface water harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table.	The company is developing surface water harvesting structures to store water in the lean season and will harvest the rain water during rainy season in the same reservoirs.  We will not source fresh water from Hirakud Reservoir in lean season.
viii)	The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA report. Further the company must undertake socio-economic development activities in the surrounding villages like community development programmes, drinking water supply and health care etc.	We have noted and accepted all the conditions and will comply in a time bound manner.  The economic development activities are going on regularly as a part of our corporate social responsibility. The detail of the CSR, R&R activities completed and proposed is attached as <b>annexure-1</b> .

		A team of personnel's' area working dedicatedly for peripheral development work like conducting health camps, community developed programmes, formation SHG groups, supply of drinking water and other common infrastructural development works.
ix)	Requisite fund shall be earmarked towards capital cost and recurring cost/annum for environment pollution control measures to implement the conditions stipulated by the Ministry of Environment & Forests as well the State Government. An implementation schedule for implementing all the conditions stipulated herein shall be submitted to Regional Office of the Ministry at Bhubaneswar. The funds so provided shall not be diverted for any other purpose.	Separate fund has been kept towards capital cost and recurring cost/annum for environment pollution control measures and the fund will not be diverted for any other expenditure.
x)	A copy of the clearance letter shall be send by the proponent to concerned Panchayat, Zillaparishad/Municipality corporation, urban local boby and the local NGO, if any from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter also be put on the web site of the company by the proponent.	The copy of the clearance letter has already been communicated to all the concerned as mentioned in the condition. The scanned copy of the letter is also displayed in our official website.
xi)	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitoring data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the MoEF at Bhubaneswar. The respective zonal office of CPCB and SPCB. The criteria pollutant levels namely' PM10, SO2, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	The status of the compliance is being submitted to the Regional office of the MOEF regularly on 1 <sup>st</sup> June and 1 <sup>st</sup> Dec respectively.  The project is not yet operational; the construction phase monitoring is being carried out for ambient air quality, Noise, Soil etc regularly. Display of all the monitoring data in public domain will be made after operation of the plant & installation of continuous AAQM station, and CEMS in the plant.
xii)	The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitoring data (both in hard & soft copies as well as by e-mail) to the Regional Office of MOEF, the respective Zonal Offices of CPCB and the SPCB. The Regional office of this Ministry at Bhubaneswar. CPCB/SPCB shall monitor the stipulated conditions.	We are submitting the six monthly compliance reports of the stipulated environmental conditions (both in hard & soft copies as well as by e-mail) to the Regional Office of MOEF, the respective Zonal Offices of CPCB and the SPCB.



xiii)	The environmental statement for each financial year ending 31 <sup>st</sup> March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental conditions and shall also be sent to the respective Regional Office at Bhubaneswar.	The environmental statement for each financial year ending 31 <sup>st</sup> March in Form-V will be submitted to the concerned authorities after commercial production of the plant.
xiv)	The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB and may also be seen at website of the Ministry of Environment & Forest at <a href="http://www.envfor.nic.in">http://www.envfor.nic.in</a> . this shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same should be forwarded to the Regional office at Bhubaneswar.	<p>The public has been informed by advertisement of the environmental clearance in two widely circulated daily newspapers i.e. "The New Indian Express" on 04-12-2012 &amp; "The Samaja" on 05-12-2012, within seven days of receiving the clearance letter.</p> <p>The copy of the advertisement was submitted to the Ministry's Regional Office at Bhubaneswar vide our office letter no. AAP/E&amp;F/786, dated 07-12-2012.</p>
xv)	The authorities shall inform the regional office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work.	<p>Financial closure of the Project is completed on 17th September 2012.</p> <p>The Company has already committed more than Rs 10,000 crores for both the Smelter and CPP Project. The expansion will be made in two phases, the phase I work project construction activities is in full swing. More than 90% of the Civil &amp; construction work is completed. The first metal production is expected to be out in the 3<sup>rd</sup> quarter of 2013-14.</p>



(Authorized Signatory)

**SOCIO-ECONOMIC DEVELOPMENT ACTIVITIES BY ADITYA ALUMINIUM (A DIV. HINDALCO INDUSTRIES LIMITED)**

**AREAS OF INTERVENTION IN CSR**

- HEALTH
- EDUCATION
- WOMEN EMPOWERMENT
- INFRASTRUCTURAL DEVELOPMENT
- SUPPORT FOR SPORTS AND CULTURE
- PLANTATION

**HEALTH**

- Since 2004 till date conducted 76 nos of Health Camps: benefited 17610 people with treatment and medicine.
- Drinking water supply in summer to all affected villages: Approximate expenditure incurred up to Rs. 60, 00,000/ every year.
- In current Summer, daily 112 tankers of water being supplied to 77 hamlets of all 11 affected villages in twice daily manner.
- Health awareness camps: Through women SHGs and AIDS Awareness Day observation, Health, Nutrition, Mother & Child Care Training Programme.



## EDUCATION

### Augmenting School Infrastructure

1. Constructed 15 class rooms: Katarbaga, Ghichamura, Lapanga, Jangala and Dhorropani and Construction of Khadaiapalli UP school is in progress
2. Renovation of school building: Gumkarma, Bomaloi and Tileimal
3. Renovation of drinking water source and approach road of different schools

### Sponsorship for ITI Training

1. Sponsored so far 35 DPs of displaced families for full time regular and MES & ITI courses in local ITI
2. Identified 15 DPs for 2013-14 session
3. Two DPs have already recruited on Roll of Aditya Aluminium.



## WOMEN EMPOWERMENT

- a. Strengthening existing Self Help Groups: 32 SHGs in Bomaloi, Lapanga, Ghichamura, GPs with introduction of better book keeping and accounting systems and periodical Training.
- b. Formation of New Groups: Total 09 in 03 GPs.
- c. Training and capacity building: 3 phases of training on standard operating procedure and Group cohesiveness.
- d. Every year Observation of Worlds' Women's Day is a must activity.



## INFRASTRUCTURAL DEVELOPMENT

1. Construction, Renovation & Development of CC/ WBM/ Murrum Road: 08 in nos. in our Periphery Villages.
2. Excavation/ Renovation of water bodies: 31 no of ponds in affected villages
3. Installation and repaired of tube-well: 6 Tube well in different Villages



## SUPPORT FOR SPORTS AND CULTURE

- Construction of temple for village Deity of Bag family of Bomaloi (in progress)
- Construction of Bhoga-Griha at Bomaloi.
- Leveling of Puja-ground of Dhoropani.
- Donation to cultural group/village institution in different Puja occasion through out the year.
- Support to youth groups to conduct different sports events like football and Cricket tournament.



## YEAR WISE CSR EXPENDITURES-

Sl. No	Purpose	2005	2006	2007	2008	2009	2010	2011	2012
1	Installation/Repair of tube-well				161000	13000	211789	275440	358206
2	Renovation/excavation of Pond					270000	1615960	3045000	2627677
3	Supply of Drinking water during summer			34000			1500000	2050000	3000000
4	Mobile Health Camps and ambulance	88000	149000	76000	34000	306390	473498	534161	804000
5	Women Empowerment and other CSR activities						53000	65000	180000
6	Sports and culture				79000	250000			
7	Village Infrastructure (village road, temple, Schools, Village Boundary wall etc.)				63700000	5565754	5738882	4244670	12500000
9	Other Infrastructure development	240000				550000			0
10	Plantation		83000			250000			
11	Relief		50600					1000000	0
	<b>Grand Total(Rs)</b>	<b>328000</b>	<b>282600</b>	<b>110000</b>	<b>63974000</b>	<b>7205144</b>	<b>9593129</b>	<b>11214271</b>	<b>19469883</b>
		<b>11,21,77,027</b>							

**BUDGET PLAN OF CORPORATE SOCIAL RESPONSIBILITY FOR 2013-2014**

1	Health and Sanitation	1,26,00,000
2	Infrastructure	1,27,00,000
3	Sports and Entertainment	2,64,70,400
4	Drinking Water Facility	71,50,000
5	pond	97,00,000
6	Other Activity	28,00,000
	Total	7,14,20,400

**BUDGET PLAN OF RESETTLEMENT & REHABILITATION FOR 2013-2014**

1	R&R Benefit	16,42,31,600
2	Infrastructure	7,68,35,000
3	Other Benefit	81,28,150
	Total	24,91,94,750