



A Maharatna Company

**एनटीपीसी लिमिटेड**  
(भारत सरकार का उद्यम)  
**NTPC Limited**  
(A Govt. of India Enterprise)  
(Formerly National Thermal Power Corporation Ltd.)

Ref. No. 1049/EMG/2017/54

To,

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**Subject: Environment Compliance for Gadawara Super Thermal Power Project**

Respected Sir,

Enclosed please find "Environment Compliance" for March 2017 for Gadawara Super Thermal Power Project in line with guidelines stipulated by MoEF for your perusal.

Thanking you,

Yours truly,

(D Shrikhande)

Addl General Manager  
(EMG), NTPC Gadawara

Enclosure: As Above

# GADARWARA SUPER THERMAL POWER PROJECT, STAGE-I (2X800 MW)

(PERIOD: OCT 2016 to MAR 2017)

*Compliance status of Environmental Clearance Vide MoEF&CC Letter No: J-13012/125/2009-IA, II(T) Dt:22/03/13*

SLNO	MOEF STIPULATION	STATUS AS ON 31.03.2017
<b>A Specific Conditions:</b>		
i	The project proponent shall set up the power project as a model plant demonstrating that ecology and development can co-exists in harmony and set examples for others to emulate similar practice.	Noted and will be complied.
ii	Sulphur and ash contents in the coal to be use in the project shall not exceed 0.5 % and 34 % respectively at any given time. In case of variation of coal quality at any point of time fresh reference shall be made to the Ministry for suitable amendments to environmental clearance condition wherever necessary.	The said stipulation shall be complied during operation phase of the project.
iii	Bi-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 equipment's for SO <sub>x</sub> , NO <sub>x</sub> and PM <sub>2.5</sub> & PM <sub>10</sub> . Mercury emissions from stack may also be monitored on periodic basis.	<p>A bi-flue stack of 275 meters height has been constructed and minimum flue gas velocity of 22 m/sec will be ensured during operation phase of the project.</p> <p>Installation of continuous stack monitoring facility for online measurement of SO<sub>2</sub>, NO<sub>x</sub>, Particulate matter (PM) and Mercury emissions from stack shall be provided and work is under progress.</p>
iv	No mine void filling or filling up of low lying areas with fly ash shall be undertaken.	Fly ash will be not used for mine void or filling up of low lying areas.
v	COC of 5.0 shall be adopted	Closed cycle cooling system has been designed with COC of 5.0 for optimization of water requirment.
vi	Continuous monitoring of Narmada River water quality in its upstream and downstream of water tapping point shall be undertaken regularly and records maintained.	<p>Continuous monitoring of Narmada River water quality in its upstream and downstream of water tapping point shall be undertaken regularly during operation phase of the project and its records will be maintained.</p> <p>Presently hydro-geology study by NIH Roorkee is being carried out. Field work completed and final report is under preparation. Final report shall be submitted to Regional &amp;</p>

SLNO	MOEF STIPULATION	STATUS AS ON 31.03.2017
		Central office of MoEF &CC.
vii	The project proponent shall explore possibility for storage of excess monsoon water for use during lean season. The same could be by construction of barrage at appropriate location which could be carried out in close consultation with the WRD, Govt. of Madhya Pradesh.	<p>In order to meet the said stipulation NTPC Gadawara project is constructing weir on Narmada river in consultation with WRD, Government of M.P.</p> <p>In addition to this, Hiran WRD, Jabalpur (MP) has been approached and requested to suggest water storage scheme for Shakkar River &amp; Sita Reva river which are tributaries of Narmada.</p>
viii	The ash pond design shall be such that no breach takes place even in the worst case of natural calamity. Since the geology of the area indicates sandy loam and loamy soil, the ash pond need to be appropriately lined with appropriate impermeable media.	<p>The structure of ash dykes shall be designed, constructed and operated as per State of the Art engineering practices for the design and construction of earth dams with adequate factor of safety. The design of ash dyke shall also take into consideration the seismic parameters.</p> <p>In addition Ash pond shall be lined with suitable impermeable material like Bentonite blended clay.</p>
ix	Ash pond for Stage-II (400 acres) can be considered only after the first ash pond is dispensed with by filling up of bottom ash and demonstration of 100% fly ash utilization established within four years of commissioning of the plant. The 2 <sup>nd</sup> ash pond for Stage-II (400 acres) requirement should not arise and land earmarked can be converted for green belt and or water storage.	<p>Noted.</p> <p>The said stipulation shall be complied during operation phase of the project.</p>
x	Long term study shall be carried to assess impact on the ecology of the river Narmada downstream of the present project site at a different location especially at tapping points for drinking water supply and irrigation. The study shall be carried out by an institute of repute like IIT, Roorkee preferably within six months and report submitted to the Ministry. Thereafter the study shall be repeated after commissioning of both units of 2x800 MW and report subsequently submitted to the Ministry.	<p>Study on impact of water intake and effluent discharge for the project on ecology of River Narmada has been awarded to Annamalai University, Chennai vide LOA dated 17.03.2015.</p> <p>Field work completed and final report is under preparation. Final report shall be submitted to Regional Office (Western Zone) of MoEF &amp;CC.</p> <p>Also, NTPC shall conduct the same study repeatedly as per the stipulations after commissioning of the project.</p>
xi	The project proponent shall explore setting up of R.O System to treat cooling tower blow down discharge of about 5 cusecs and the R.O system shall be so designed so	Possibility shall be explored for setting up of R.O System to treat cooling tower blow down discharge of about 5 cusecs to take care of drinking water supply for the

SLNO	MOEF STIPULATION	STATUS AS ON 31.03.2017
	as to take care of drinking water supply for the nearest few villages.	nearest few villages.
xii	The village ponds / surface water bodies located within 5 kms radius of the project site shall be regenerated in the as part of its social welfare activities.	<p>Under Various community CSR-CD works following initiatives were untaken:</p> <ol style="list-style-type: none"> <li>1. Five ponds in project affected villages (PAVs) have been identified for deepening. Work awarded for three ponds out of five ponds under Community Development works.</li> <li>2. Two new ponds shall be constructed in two another PAVs under Community Development works.</li> </ol>
xiii	An amount of Rs 45.60 Crores as one time investment shall be earmarked for activities to be taken up under CSR during construction phase of the Project. A detailed CSR Action Plan be furnished to the Ministry within 3 months. Recurring expenditure for CSR thereafter shall be Rs 9.2Crores per annum till the life of the plant. Social Audit by a reputed University or an Institute shall be carried out annually and details to be submitted to MOEF besides putting it on Company's website.	<p>A requisite fund has been earmarked for implementing CSR-CD activities for the project and shall be utilized in accordance with the said stipulations.</p> <p>Total budget of Rs 45.60 Crore has been earmarked for Community Development works for Gadarwara project and out of which expenditure of Rs 15.70 crore has been already done regarding Community Development works in the neighboring villages. Detail and Status of CD-CSR work is enclosed as <b>Annexure-I</b>.</p> <p>Thereafter, an amount of Rs. 9.2 Crores per annum will be earmarked as recurring for CSR activities till the life of the plant and its expense wise details will be submitted to the Ministry and its social audit will be carried out as per the stipulations.</p>
<b>B. General Conditions</b>		
(i)	Vision document specifying prospective plan for the site shall be formulated and submitted to the Regional Office of the Ministry within <b>six months</b> .	NTPC vide letter dated 08.04.2013 has submitted a Project Vision Document to the Regional Office (Western Zone) of the Ministry of Environment and Forest & Climate Change (MoEF&CC), Bhopal.
(ii)	Scheme for implementation for harnessing solar power within the premises of the plant particularly at available	Projects as well as township are in construction phase. Scheme for harnessing solar power within the premises of

SLNO	MOEF STIPULATION	STATUS AS ON 31.03.2017
	roof tops shall be formulated and status of implementation shall be submitted periodically to the Regional Office of the Ministry.	the plant particularly at available roof tops has been formulated and incorporated in the engineering layout of the project and same shall be implemented after completion of building works at project.
(iii)	Provision for installation of FGD shall be provided for future use.	<p>Adequate space has been kept in the general layout plan of the project for installation of FGD plant in both the units.</p> <p>However, NTPC has already initiated an action for installing FGD Plant for controlling SOx concentration in flue gas in compliance to latest MOEF&amp;CC emission norms for TPP dated 07.12.2015.</p>
(iv)	Coal transportation to plant site shall be undertaken by rail and no road transportation shall be permitted.	Separate clearance shall be obtained from MOEF&CC if coal transported through road will be envisaged.
(v)	A long term study of radio activity and heavy metals contents on coal to be used shall be carried out through a reputed institute. Thereafter mechanism for an in-built continuous monitoring for Radio activity and heavy metals in coal and fly ash (including bottom ash) be put in place.	<p>A detailed study on chemical composition of coal used particularly heavy metal and radio activity contents shall be carried out through a reputed institute once the project starts receiving the coal during operation phase.</p> <p>Work awarded to 'BARC' for conducting natural background radiation monitoring at NTPC Gadawara project.</p>
(vi)	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>Ash Utilization Plan has been prepared and shall be implemented in compliance to fly ash gazette notification dated 03.11.2009 and its amendment dated Jan'2016 during the operation phase of the project.</p> <p>Further, its status of implementation shall be also submitted to the Regional Office (Western Zone), MoEF&amp;CC at Bhopal regular interval during the operation phase of the project.</p>
(vii)	High Efficiency Electrostatic Precipitators (ESPs) shall be installed to ensure that particulate emission does not exceed 50 mg/Nm <sup>3</sup> .	The High Efficiency Electrostatic Precipitators (ESPs) has been designed for a guaranteed efficiency of 99.93 %. and is being installed for ensuring the particulate

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		emission shall not exceed 50 mg/Nm <sup>3</sup>
(viii)	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>Adequate no. of dust suppression and extraction system shall be provided in coal handling area including coal stock yard area, ash handling points, transfer areas and other vulnerable dusty areas for control of fugitive dust Emissions. Water sprinklers will be also installed at dust prone sites in order to attenuate fugitive dust emission.</p> <p>Dry fog dust suppression system is being provided at all transfer points.</p>
(ix)	Fly ash shall be collected in dry form and storage facility (silos) shall be provided. Unutilized fly ash shall be disposed off in the ash pond in the form of slurry form. Mercury and other heavy metals (As,Hg,Cr,Pb etc.) shall be monitored in the bottom ash as also in the effluents emanating from the existing ash pond. No ash shall be disposed off in low lying area.	<p>An ash management scheme shall be implemented consisting of dry ash extraction system (DAES) for dry collection of fly ash with storage facility (silos), supply of ash to entrepreneurs for utilization and promoting ash utilization to maximum possible extent and safe disposal of unused ash in the ash pond area.</p> <p>The plant shall have two different systems for ash disposal – conventional wet slurry disposal with ash water re-circulation for bottom ash and High Concentration Slurry Disposal (HCSD) for disposal of unused fly ash.</p> <p>Periodic monitoring for mercury &amp; heavy metals in the bottom ash and water emanating from ash pond shall be done during the operation phase of the project.</p>
(x)	Ash pond shall be lined with HDPE/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 implemented to protect the ash dyke from getting breached. Ash pond water shall be re- circulated and utilized.	<p>To avoid the ground water contamination from bottom ash slurry, one of the bottom ash lagoons is separated by a small temporary bund and the small area shall be lined with impervious liner of 300MM thickness.</p> <p>Ash pond shall be lined with suitable impermeable material like Bentonite blended clay or HCSD layer.</p> <p>The structure of ash dykes shall be designed, constructed and operated as per State of the Art engineering practices</p>

SLNO	MOEF STIPULATION	STATUS AS ON 31.03.2017
		<p>for the design and construction of earth dams with adequate factor of Safety. The design of ash dyke shall also take into consideration the seismic parameters.</p> <p>AWRS system has been also envisaged.</p>
(xi)	Fugitive emissions shall be controlled to prevent impact on such that no agricultural/non-agricultural land. Impact to any land shall be mitigated and suitable compensation provided in consultation with the local Panchayat.	Fugitive emission of fly ash & dust will be controlled up to the maximum possible extent by implementing suitable pollution control measures i.e. ESP & dust extraction system, Plantation in all available spaces selectively with Air Pollution Tolerant Index (APTI) plant species.
(xii)	Hydrogeology of the area shall be reviewed annually from an institute / organization of repute to assess impact of surface water and ground regime (especially around ash dyke). In case any deterioration is observed specific mitigation measures shall be undertaken and reports / data of water quality monitored regularly and maintained shall be submitted to the Regional Office of the Ministry.	<p>Presently consulting for hydro-geology study by NIH Roorkee is being carried out. Field work completed and final report is under preparation. Final report shall be submitted to regional &amp; central office of MoEF &amp; CC at Bhopal.</p> <p>During the operation phase of the project the Hydrogeology of the area shall be reviewed annually from an institute/ organization of repute to assess impact of surface water and ground regime (especially around ash dyke) and reports of water quality monitored shall be submitted to the Regional Office of the Ministry.</p>
(xiii)	No ground water shall be extracted for use in operation of the power plant even in lean season.	No ground water will be extracted for use in operation of the power plant.
(xiv)	No water bodies (including natural drainage system) in the area shall be disturbed due to activities associated with the setting up/operation of the power plant.	<p>No water a body including natural drainage system of the area has been disturbed due to activities associated with the setting up of the power plant.</p> <p>Moreover, the said stipulation will be also complied during the operation phase of the project.</p>
(xv)	Regular monitoring of ground water level 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	Adequate nos. of piezometers shall be installed for regular monitoring of ground water level in and around ash pond area as per stipulation and report shall be submitted to Regional Office (Western Zone) of MoEF&CC at Bhopal.

SLNO	MOEF STIPULATION	STATUS AS ON 31.03.2017
	to the project.	
(xvi)	Monitoring surface water quality in the area shall also be regularly conducted and records maintained. The monitored data shall be submitted to the Ministry regularly. Further, monitoring points shall be located between the plant and drainage in the direction of flow of ground water and records maintained. Monitoring for heavy metals in ground water shall be undertaken.	Monitoring of Surface water quality in the areas shall be carried out regularly as per stipulations and reports shall be submitted to Regional Office of MoEF&CC at Bhopal. Monitoring for heavy metals in ground water will be also done and its record is maintained during operation phase of the project.
(xvii)	Minimum required environmental flow suggested by the Competent Authority of the state Govt. shall be maintained in the Channel/ Rivers (as applicable) even in lean season.	Minimum environmental flow as suggested by the Competent Authority of the State Govt. will be maintained throughout the year in the Channel/ Rivers.
(xviii)	The treated effluents conforming to the prescribed standards only shall be re- circulated and reused within the plant. Arrangements shall be made that effluents and storm water do not get mixed.	<p>The feasibility of zero discharge shall be adopted based maximum recycle/reuse of waste water thereby reducing and optimizing the quantities of water requirement and effluent generation to the extent feasible.</p> <p>The project shall have an integrated scheme for treatment, re-cycle and re use of effluents. Provision is being kept to recirculate cooling water and ash pond effluent. The cooling tower blow down shall be used fully/partially for ash handling, service water system, coal handling &amp; firefighting etc. Provision is being kept for treatment, recirculation &amp; reuse of entire quantity of coal handling plant effluents &amp; service water effluents.</p> <p>The effluent treatment system comprising of neutralization pit for DM plant regeneration waste, oil separator/skimers for oily waste, coal slurry settling pond for coal handling plant effluents, lamella clarifier for service water effluents and cooling towers for hot water etc are being provided.</p> <p>The effluents shall be treated adequately conforming to the stipulated regulatory standards.</p> <p>An independent plant effluent drainage system shall be constructed to ensure that plant effluents do not mix with storm water drainage.</p>



<b>SLNO</b>	<b>MOEF STIPULATION</b>	<b>STATUS AS ON 31.03.2017</b>
(xix)	Waste water generated from the plant shall be treated before discharge to comply limits prescribed by the SPCB/CPCB.	<p>An effluent management scheme shall be implemented with the objective to treat the waste water as per the prescribed statutory standards of MPPCB/CPCB.</p> <p>It is to be submitted that during normal course of project operation feasibility of zero discharge shall be adopted based maximum recycle/reuse of waste water for various plant usage thereby reducing and optimizing the quantities of water requirement and effluent generation to the extent feasible.</p>
(xx)	A sewage treatment plant shall be provided (as applicable) and the treated sewage shall be used for raising green belt/plantation.	All domestic sewage emanating from plant and township shall be treated in a sewage treatment plant. The treated sewage conforming to prescribed standards and shall be utilized for plantation and raising greenbelt to the extent possible.
(xxi)	The project proponent shall undertake rain water harvesting measures and shall develop water storage for use in operation of the plant. Rain water harvesting system shall be put in place which shall comprise of rain water collection from the built up and open area in the plant premises. Action plan for implementation shall be submitted to the Regional Office of the Ministry.	<p>Rain water harvesting shall be practiced as per recommendation/stipulations of Central Groundwater Authority/Board.</p> <p>Action plan for implementation shall be submitted to the Regional Office of the Ministry soon after incorporation of the same in various buildings.</p> <p>Building construction work is under progress.</p>
(xxii)	Additional soil for leveling of the proposed site shall be generated within the sited (to the extent possible) so that natural drainage system of the area is protected and improved.	Additional soil obtained within the site is only being used for leveling of the site.
(xxiii)	Common property resource falling in the vicinity of the project area shall be identified and if any common property resource (such as grazing land, pond etc.) is falling within the plant area and is developed and handed over to the community.	There is no common property resource falling within the plant area.
(xxiv)	Adequate safety measures shall be provided in the plant area to Fire spray and check/minimize spontaneous fires in coal yard, especially during summer season. Copy of these	Fire Spray & Hydrant system for covering the entire power station including all the auxiliaries and buildings in the plant area shall be implemented. The system shall be

SLNO	MOEF STIPULATION	STATUS AS ON 31.03.2017
	measures with full details along with location plant layout shall be submitted to the Ministry as well as to the Regional Office of the Ministry.	complete with piping, hydrants, valves, instrumentation, hoses, nozzles, hose boxes/stations etc.  Copy these measures with full details shall be submitted after detailed Engineering Completion.
(xxv)	Well-designed acoustic enclosures for the DG sets and noise emitting equipment's to achieve the desirable insertion loss viz. 25 dB(A) should be provided.	Well-designed acoustic enclosures meeting the latest statutory norms for DG sets will be provided.
(xxvi)	Storage facilities for auxiliary liquid fuel such as LDO/HFO/LSHS shall be made in the plant area in consultation with department of Explosives, Nagpur; Sulphur content in the liquid fuel shall not exceed 0.5%. Disaster Management Plan shall be prepared to meet any eventuality in case of an accident taking place due to storage of oil.	A detailed Disaster Management Plan & Risk assessment including fire and explosion issues shall be prepared and finalized in consultation with Department of Explosives, Nagpur and regular mock drills shall be conducted as per plan in order to address any eventuality in case of an accident.
(xxvii)	First Aid and sanitation arrangements shall be made for the drivers and other contract workers during construction phase.	All arrangements related to first aid health & safety and sanitation for contract work during construction phase of the project have been kept under the EPC contract. However, NTPC will effectively compliance of the said stipulation.  Various measures implemented during construction phase through contractor are:- <ul style="list-style-type: none"> <li>• Adequate infrastructure facilities, such as sanitation, fuel, restroom, medical facilities, safety, and suitable water supply are being provided to the labor colonies housing the work force during construction phase of the project.</li> <li>• Safety equipment such as earplugs and earmuffs, helmets, face shields, safety goggles etc. is being provided to workers engaged in high risk areas.</li> <li>• A first aid center is established to provide immediate medical aid to the workers and their family members. A 24Hr ambulance is in service at site to transport injured workers to nearby hospitals.</li> </ul>
(xxviii)	Noise levels emanating from turbines shall be limited to 85 dB (A) from source. For people working in the high noise	Design specification for the equipment's has been made to comply with the stipulation. Personal protective

SLNO	MOEF STIPULATION	STATUS AS ON 31.03.2017
	area, requisite PPEs shall be provided. Workers engaged in noisy areas such as turbine area, air compressors etc shall be periodically examined to maintain audiometric record and for treatment for any hearing loss including shifting to non-noisy/less noisy areas.	<p>equipment has been arranged through contractors during construction phase. Periodic examination of workers during operation phase shall be done as stipulated.</p> <p>The workers of generator halls and other high noise area shall be provided with appropriate ear protection devices.</p>
(xxix)	Regular monitoring of ambient air ground level concentration of SO <sub>2</sub> , NO <sub>x</sub> , PM <sub>2.5</sub> & PM <sub>10</sub> and Hg shall be carried out in the impact zone and record maintained. If at any stage these levels are found to exceed the prescribed limits, necessary control measures shall be provide immediately. The location of the monitoring stations and frequency of monitoring shall be decided in consultation with SPCB. Periodic reports shall be submitted to the Regional office of this Ministry. The data shall also be put on the website of the company.	<p>Regular monitoring of AAQ shall be done during the operation of the plant. The four locations of AAQMS have been finalized in consultation with MPCB.</p> <p>Four (4) no. of AAQMS equipment's shall be installed at site and the infra structure requirements for the stations are being established. Data shall be submitted to the Regional Office of the Ministry for each Quarter.</p> <p>The data shall also be put up on the website of the company during the operation phase of the project.</p>
(xxx)	Green Belt consisting of 3 tiers of plantations of native species around plant not less than 100m width shall be raised (except in areas not feasible). The density of trees shall not less than 2500per ha with survival rate not less than 80%.	<ul style="list-style-type: none"> <li>• Green Belt around the Main Plant area except transmission corridor shall be planted.</li> <li>• Around 150 acres of land has been envisaged for the green belt development.</li> <li>• Green Belt around the Township area shall be planted.</li> <li>• Extensive afforestation shall be undertaken at all available spaces in and around project, after construction is complete.</li> <li>• Avenue Plantation along the Road shall be done.</li> <li>• The density of trees shall not less than 2500 per ha with all efforts to maintain the survival rate not less than 80%.</li> <li>• Under development of green belt work 20,000 tree</li> </ul>

SLNO	MOEF STIPULATION	STATUS AS ON 31.03.2017
		have been planted at project in 2016.
(xxxii)	An Environmental Cell comprising of at-least one expert in environmental science / engineering, occupational health and a social scientist, shall be created preferably at the project site itself and shall be headed by an officer of appropriate superiority and qualification. It shall be ensured that the Head of the Cell shall directly report to the head of the organization who would be accountable for implementation of environmental regulations and social impact improvement / mitigation measures.	<p>An Environment Management Group (EMG) headed by AGM (EMG) is already functional at the proposed Gadarwara STPP.</p> <p>The EMG will be responsible for monitoring, complying and implementing all project related environmental stipulations / issues / statutory norms.</p> <p>EMG comprises of sufficient trained manpower and equipment for environmental monitoring and other environmental related activities to ensure compliance with statutory requirements. It will interact regularly with the Madhya Pradesh Pollution Control Board (MPPCB). A laboratory at Gadarwara STPP will be well equipped for monitoring of ambient air quality, stack emission, water/effluent quality, etc.</p>
(xxxiii)	The project proponent shall also adequately contribute in the development of the neighboring villages. Special package with implementation schedule for providing potable drinking water supply in the nearby villages and schools shall be undertaken in a time bound manner.	<p>Expenditure of Rs 15.70 crore has been done regarding Community Development works in the neighboring villages. List of CD works executed in PAVs enclosed.</p> <p>Payment disbursed for scheme of drinking water supply to each household in PAVs. Hand pumps installed in all 7 PAVs.</p>
(xxxiii)	CSR scheme shall be undertaken based on need based assessment in and around the villages within 5 km of the site and in constant consultation with the village Panchayat and the District Administration. As part of CSR employment of local youth after imparting relevant training as may be necessary shall be undertaken as committed.	<p><b>Infrastructure works in Project Affected Villages (PAVs):</b></p> <ul style="list-style-type: none"> <li>• CC road constructed in Village Dongargaon.</li> <li>• Road side plantation was done in all PAVs.</li> <li>• CC road construction in Village Chorbarheta.</li> </ul> <p><b>Drinking water:</b></p> <ul style="list-style-type: none"> <li>• Hand pumps installed in all 7 PAVs.</li> <li>• Payment disbursed for supply of water to each household in PAVs.</li> </ul> <p><b>Sanitation:</b></p> <ul style="list-style-type: none"> <li>• Ghat Pipariya is now open defecation free.</li> <li>• Payment disbursed for toilet construction in each house for</li> </ul>

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		<ul style="list-style-type: none"> <li>• Gangai &amp; Umaria villages.</li> <li>• Toilets worth 29 lacs constructed in Village Chorbarheta.</li> </ul> <p><b>Education:</b></p> <ul style="list-style-type: none"> <li>• Boundary wall of schools under construction in all PAVs.</li> <li>• Scholarship distributed to meritorious students of Government schools of class V,VIII &amp; X.</li> </ul> <p><b>Health:</b></p> <ul style="list-style-type: none"> <li>• 6 medical camps and one family planning camp organized for PAVs.</li> <li>• Upgradation of District hospital was done.</li> <li>• Upgradation of Red Cross hospital was done.</li> </ul> <p><b>Other welfare measures:</b></p> <ul style="list-style-type: none"> <li>• Contribution made towards 2 camps for upliftment of weaker sections and one cultural program.</li> </ul> <p><b>Infrastructure works in Vicinities:</b></p> <ul style="list-style-type: none"> <li>• Two CC road constructed in Narsinghpur.</li> <li>• Solar system installed in remotely located Village Badgaon.</li> <li>• Community Centres constructed in various villages, Gadarwara &amp; villages, Gadarwara &amp; Narsinghpur.</li> </ul> <p>Detail and Status of CD-CSR work is enclosed as <b>Annexure-I.</b></p>
(xxxiv)	It shall be ensured that an in-built monitoring mechanism for the CSR schemes identified is in place and annual social audit shall be got done from the nearest government institute of repute in the region. The project proponent shall also submit the status of implementation of the scheme from time to time. The achievements should be put on company's website.	The said stipulation will be complied during operation phased of the project regarding implementation of an in-built monitoring mechanism for the CSR schemes and annual social audit from the reputed Government institute in the region.
(xxxv)	Provision shall be made for the housing of construction labor (as applicable) within the site with all necessary infrastructures and facilities such as fuel for cooking	All construction agencies working at NTPC Gadarwara Project are providing temporary accommodation for their workers near to work site. The engaged contractors are

SLNO	MOEF STIPULATION	STATUS AS ON 31.03.2017
	,mobile toilets, mobile STP, safe drinking water, medical health care , crèche etc. The housing may be in the form of temporary structure to be removed after the completion of the project.	responsible for providing facilities for housing of construction labor (as applicable) within the site with all necessary infrastructures and facilities such as fuel for cooking, mobile toilets, safe drinking water, medical health care etc.
(xxxvi)	The project proponent shall advertise in at least two local newspapers widely circulated in the region around the project, one of which shall be in the vernacular language of the locality concerned within seven days from the date of this clearance letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the State Pollution Control Board/Committee and may seen at Website of the Ministry of Environment and Forests at <a href="http://envfor.nic.in">http://envfor.nic.in</a> .	The information of Environmental Clearance was published in Two newspapers widely circulated in the region; 1. Dainik Bhaskar on 27.03.2013 (Hindi)  2. Nayi Duniya on 23.10.2013 (Hindi)
(xxxvii)	A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila parishad/ Municipal Corporation, urban local body and the Local NGO, if any, from whom suggestions/representations, if any, received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.	The copy Environmental Clearance has been submitted to the following concerned offices. (1) Collector, Narsinghpur. (2) General Manager, District Trade & Industries Centre, Narsinghpur. (3) CEO, Zila Panchayat (4) Secretary, Gram Panchayat Gangai. (5) Secretary, Gram Panchayat Kudari. (6) Secretary, Gram Panchayat Chor Barheta. The environmental Clearance has been also uploaded on the NTPC website.
(xxxviii)	The proponent shall upload the status of compliance of the stipulated environmental clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MOEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM,RSPM (PM2.5&PM10), SO2, NOx (ambient levels as well as stack emissions) shall be displayed at a convenient location near the main gate of the company in the public domain	The latest HYC report of EC conditions is regularly being submitted to the Regional Office (Western Zone) of MOEF&CC at Bhopal and at the same time also uploaded on the NTPC website which is periodically being replaced with updated HYC report Online continuous Stack Emission Monitoring System (CSEMS) for the parameters like particulate matter (PM) NOX, SO2, Fluoride, Ammonia shall be installed. Once the pollution control equipment are in operation the data shall be uploaded to the online emission to MPPCB and CPCB server during operation phase of the project.
(xxxix)	The environment statement for each financial year ending 31 <sup>st</sup> March in Form-V as is mandated to be submitted by	The environment statement for each financial year ending 31 <sup>st</sup> March in Form-V shall be submitted once the plant

<b>SLNO</b>	<b>MOEF STIPULATION</b>	<b>STATUS AS ON 31.03.2017</b>
	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 clearance conditions and shall also be sent to the respective Regional Offices of the Ministry by e-mail.	becomes operational by the project proponent to the Madhya Pradesh Pollution Control Board (MPPCB).
(xl)	The project proponent shall submit six monthly reports on the status of the implementations of the stipulated environmental safeguards to the Ministry of Environment and Forests, its Regional Office, Central Pollution Control Board and State Pollution Control Board. The project proponent shall upload the status of compliance of the environment of the environmental clearance conditions on their website and update the same periodically and simultaneously send the same by email to Regional office, Ministry of Environment and Forests.	Latest Six monthly reports on the status of the implementations of the stipulated environmental safeguards is regularly being submitted to the MOEF&CC/MPPCB/Regional Office (Western Zone), MoEF&CC/CPCB etc and at the same time it will also be uploaded on the NTPC website which is periodically being replaced with updated HYC report
(xli)	Regional office of the Environment & Forests shall monitor the implementation of the stipulated conditions. A complete set of documents including Environmental Impact Assessment Report and Environment Management plan along with the additional information submitted from time to time shall be forwarded to the Regional Office for their use during monitoring. Project proponent shall upload the compliance status in their website and up-date the same from time to time at least six monthly basis. Criteria pollutants levels including NOx (from stack & ambient air) shall be displayed at the main gate of the power plant.	A complete set of documents including Environmental Impact Assessment (EIA) Report and Environment Management Plan (EMP) along with the additional information / clarifications were forwarded on 10.03.2014 to the Regional Office (Western Zone) of MOEF&CC at Bhopal.
(xlii)	Separate funds shall be allocated for implementation of environmental protection measures along with item – wise break –up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purpose and year-wise expenditure should be reported to the ministry.	The requisite funds for environmental mitigation measures have been included in the project cost. Financial provision stipulated towards environmental mitigate measures shall not be diverted for other purposes.
(xlili)	The project authorities shall inform the Regional Office as well as the Ministry regarding the date of financial closure	Shall be complied.

SLNO	MOEF STIPULATION	STATUS AS ON 31.03.2017
	and final approval of the project by the concerned authorities and the dates of start of land development work and commissioning of plant.	
(xliv)	Full cooperation shall be extended to the Scientists/officers from the Ministry / Regional Office of the Ministry/ CPCB /SPCB who would be monitoring the compliance of environmental status.	Full cooperation shall be extended to the Scientists / officers from the Ministry / Regional Office of the MOEF&CC (Western Zone) at Bhopal / the CPCB / the SPCB during monitoring of the project.
(xlv)	The Ministry of Environment and Forests reserves the right to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the Ministry. The Ministry may also impose additional environmental conditions of modify the existing ones, if necessary.	Noted.
(xlvi)	The environmental clearance accorded shall be valid for a period of 5 years to start operations by the power plant	Noted.
(xlvii)	Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.	Noted.
(xlviii)	In case of any deviation or alteration in the project proposed including coal transportation system from those submitted to this Ministry for clearance, a fresh reference should be made to the Ministry to assess the adequacy of the condition(s) imposed and to add additional environmental protection measures required, if any.	Noted.



**Community Development in Project Affected Villages**



***CC Road in Village Chorbarheta***



***CC Road in Village Dongargaon***



***Boundary wall of schools under construction in all PAVs***



***Labharthiyon ko Atirikt protsahan rashi, Parivar Niyojan Shivir,PHC Chichli***



***Multi para monitor inauguration, Gadarwara Hospital***





**Contribution in Nanhi Khushiyaan program, Gadarwara**



**Toilets in schools under Swachh Vidyalaya abhiyaan**





***Vidhik Jagrukta shivir, Chichli***



***Viklaang bachhon ko Kambal Vitaran, Gadarwara***



















***Tree plantation in villages***

***Hand pumps installed in all seven PAVs.***



SI.	ACTIVITIES	Beneficiaries	Glimpses	
1	Construction of Additional Wards at Government Hospital Gadarwara	50000		
2	Tricycle to Defiantly able persons of PAV's	11		
3	Scholarship and Sponsorship to PAP's wards for ITI	10		
4	Individual Toilets to every house hold	5800		
5	School Boundary Wall in PAV's school	4000		
6	Passenger shed	1500		



7	Construction of shed for Uchit Mulya Dukan Gangai	2500	
8	Plantation in PAV's	5000	 
9	Swatch Bharat Awareness	100	 
10	Construction of Town hall near Ambedkar Bhavan at Gadarwara	200000	 

**NTPC Gadarwara Community Development works - detail and status**

Budget head	Location	Sub location	Subject	Amount in lacs	Cheques disbursed to	status as on 28.03.2017
B.2.1	Vicinity	Barman	Fair at Barman Ghat	1.50	CEO jila panchayat	Completed
B.1.6	PAV	Chorbarheta	Upliftment of weaker section (legal awareness camp)(Chorbarheta)	4.00	CEO jila panchayat	Completed
B.1.6	PAV	Chorbarheta	Legal awareness camp at Chichli (out of 3.54817lacs)	0.51	CEO jila panchayat	Completed
B.1.1	PAV	Chorbarheta	Plantation in PAV's (out of 17.69 lacs)	3.15	CEO jila panchayat	In progress
B.1.1	PAV	Chorbarheta	Construction of Entrance gate	2.60	CEO jila panchayat	In progress
B.1.4	PAV	Dongargaon	Boundary Walls in PAV Schools(out of 18.65lacs)	4.06	CEO jila panchayat	Completed
B.1.6	PAV	Dongargaon	Legal awareness camp at Chichli (out of 3.54817lacs)	0.51	CEO jila panchayat	Completed
B.1.1	PAV	Dongargaon	Plantation in PAV's (out of 17.69 lacs)	1.97	CEO jila panchayat	In progress
B.1.3	PAV	Dongargaon	Toilets in each house(Dongargaon102)	15.30	CEO jila panchayat	In progress
B.1.1	PAV	Dongargaon	Passenger shed	2.00	CEO jila panchayat	In Progress
B.1.1	PAV	Dongargaon	Construction of Entrance gate	2.60	CEO jila panchayat	In Progress
B.1.1	PAV	Dongargaon	CC pathway in Dongargaon	6.30	CEO jila panchayat	In Progress
B.2.1	Vicinity	Gadarwara	Contribution to ODF in Villages(cooker)	2.00	CEO jila panchayat	Completed
B.1.4	PAV	Gangai	Boundary Walls in PAV Schools(out of 18.65lacs)	2.44	CEO jila panchayat	Completed



B.1.6	PAV	Gangai	Legal awareness camp at Chichli (out of 3.54817lacs)	0.51	CEO jila panchayat	Completed
B.1.1	PAV	Gangai	CC road and drain at Gangai	10.00	CEO jila panchayat	Completed
B.1.1	PAV	Gangai	Plantation in PAV's (out of 17.69 lacs)	4.72	CEO jila panchayat	In progress
B.1.1	PAV	Gangai	Entrance gate in 3 villages (out of 7.8lacs))	2.60	CEO jila panchayat	In Progress
B.1.1	PAV	Gangai	Construction of public chabutra in Villages(out of 1.4lacs)	0.35	CEO jila panchayat	In progress
B.1.3	PAV	Gangai	Toilets in Every house hold in PAVs(out of 125 lacs) ( Demand 162)	115.00	CEO jila panchayat	In progress
B.1.4	PAV	Gangai	Entrance gate of middle school Gangai	0.76	CEO jila panchayat	In Progress
B.1.4	PAV	Gangai	Toilet construction in high school	2.45	CEO jila panchayat	In Progress
B.1.3	PAV	Ghat Pipariya	Toilets in Every house hold in PAVs(out of 125 lacs) ( Demand 162)	44.31	CEO jila panchayat	Completed
B.1.6	PAV	Ghat Pipariya	Legal awareness camp at Chichli (out of 3.54817lacs)	0.51	CEO jila panchayat	Completed
B.1.4	PAV	Ghat Pipariya	Boundary wall at Ghat Pipariya	2.03	CEO jila panchayat	Completed
B.1.1	PAV	Ghat Pipariya	Plantation in PAV's (out of 17.69 lacs)	1.97	CEO jila panchayat	In progress
B.1.1	PAV	Ghat Pipariya	cemetery at Ghat Pipariya	4.44	CEO jila panchayat	In Progress
B.1.1	PAV	Ghat Pipariya	Entrance gate at Ghat pipariya	2.60	CEO jila panchayat	In Progress
B.1.1	PAV	Ghat pipariya	Construction of CC road	10.00	CEO jila panchayat	In Progress
B.1.1	PAV	Ghat Pipariya	Construction of public chabutra in Villages(out of 1.4lacs)	0.35	CEO jila panchayat	In progress

B.1.1	PAV	Ghat Pipariya	Construction of Ghat /steps,passenger shed & pond	12.00	CEO jila panchayat	In progress
B.1.1	PAV	Kudari	Plantation in PAV's(out of 17.69lacs)	1.97	CEO jila panchayat	Completed
B.1.4	PAV	Kudari	Boundary Walls in PAV Schools(out of 18.65lacs)	8.09	CEO jila panchayat	Completed
B.1.6	PAV	Kudari	Legal awareness camp at Chichli (out of 3.54817lacs)	0.51	CEO jila panchayat	Completed
B.1.1	PAV	Kudari	CC road and drain at Kudari	10.00	CEO jila panchayat	Completed
B.1.3	PAV	Kudari	Toilet construction in each house in Kudari	28.05	CEO jila panchayat	Completed
B.1.1	PAV	Kudari	Entrance gate in 3 villages (out of 7.8lacs))	2.60	CEO jila panchayat	In Progress
B.1.1	PAV	Kudari	Cemetery in villages	1.71	CEO jila panchayat	In Progress
B.1.1	PAV	Kudari	Construction of passenger shed	2.00	CEO jila panchayat	In Progress
B.1.2	PAV	Kudari	Construction of ghat /steps	5.00	CEO jila panchayat	In Progress
B.1.1	PAV	Kudari	Construction of public chabutra in Villages(out of 1.4lacs)	0.35	CEO jila panchayat	In progress
B.1.6	PAV	Mehrakheda	Legal awareness camp at Chichli (out of 3.54817lacs)	0.51	CEO jila panchayat	Completed
B.1.1	PAV	Mehrakheda	LED bulbs in Mehrakheda	0.52	CEO jila panchayat	Completed
B.1.1	PAV	Mehrakheda	Plantation in PAV's (out of 17.69 lacs)	2.75	CEO jila panchayat	In progress
B.1.1	PAV	Mehrakheda	Construction of Entrance gate	2.60	CEO jila panchayat	In progress
B.2.1	Vicinity	Narsinghpur	Construction of Public toilets in various villages in Narsinghpur	115.25	CEO jila panchayat	Completed

B.2.1	Vicinity	Narsinghpur	Sanitation in Narsinghpur	144.75	CEO jila panchayat	Completed
B.1.6	PAV	Umaria	Legal awareness camp at Chichli (out of 3.54817lacs)	0.51	CEO jila panchayat	Completed
B.1.1	PAV	Umaria	CC road and drain at Umaria	10.00	CEO jila panchayat	Completed
B.1.1	PAV	Umaria	Plantation in PAV's (out of 17.69 lacs)	1.18	CEO jila panchayat	In progress
B.1.4	PAV	Umaria	Boundary Walls in PAV Schools(out of 18.65lacs)	4.06	CEO jila panchayat	In progress
B.1.1	PAV	Umaria	Entrance gate in 3 villages (out of 7.8lacs))	2.60	CEO jila panchayat	In Progress
B.1.3	PAV	Umaria	Toilet in each house Umaria	4.68	CEO jila panchayat	In Progress
B.1.1	PAV	Umaria	Construction of public chabutra in Villages(out of 1.4lacs)	0.35	CEO jila panchayat	In progress
B.2.1	Vicinity	Vicinity	list forwarded by Collector (Mangal bhavan)	25.00	CEO jila panchayat	In progress
B.1.4	PAV	Gangai	toilet block in govt high school	2.45	CEO jila panchayat	In progress
B.2.1	Vicinity	Vicinity	list forwarded by Collector (Mangal bhavan)	33.00	CEO jila panchayat	In Progress
B.2.4	Vicinity	Narsinghpur	Providing Health Facilities at Narsinghpur	14.90	Collector	Completed
B.2.1	Vicinity	Narsinghpur	Petrol engine for fibre boat	3.75	Collector	In Progress
B.2.3	Vicinity	Raipur	Construction of toilet in GHS	2.45	Collector	In progress
B.2.1	Vicinity	Barman	Renovation Barman old age home	3.00	Collector	Completed
B.2.4	Vicinity	Narsinghpur	Financial assistance to Sh Vivek Kaurav for kidney transplant	1.50	Collector	Completed
B.2.3	Vicinity	Vicinity	list forwarded by Collector (Boundary wall in High schools)	31.00	Collector	In Progress

**NTPC Gadarwara**

B.2.1	Vicinity	Gadarwara	Solar system in Badagaon tah Gadarwara	3.50	Dist Renew. Energy officer	Completed
B.1.6	PAV	Chorbarheta	Cultural Program Chorbarehta	0.51	NTPC	Completed
B.1.1	PAV	Dongargaon	Construction of Cement Concrete Road /Pathway in Dongargaon Village	23.13	NTPC	Completed
B.1.5	PAV	Chorbarheta	Family planning incentive to PAPs(out of 0.2787 lacs)	0.04	NTPC	Completed
B.1.5	PAV	Dongargaon	Family planning incentive to PAPs(out of 0.2787 lacs)	0.04	NTPC	Completed
B.1.5	PAV	Gangai	Family planning incentive to PAPs(out of 0.2787 lacs)	0.04	NTPC	Completed
B.1.5	PAV	Ghat pipariya	Family planning incentive to PAPs(out of 0.2787 lacs)	0.04	NTPC	Completed
B.1.5	PAV	Kudari	Family planning incentive to PAPs(out of 0.2787 lacs)	0.04	NTPC	Completed
B.1.5	PAV	Mehrakheda	Family planning incentive to PAPs(out of 0.2787 lacs)	0.04	NTPC	Completed
B.1.5	PAV	Umaria	Family planning incentive to PAPs(out of 0.2787 lacs)	0.04	NTPC	Completed
B.1.6	PAV	Dongargaon	Medical screening Camp in Gangai & Mehhrakheda(out of 0.23lacs=0.184+0.044)	0.03	NTPC	Completed
B.1.6	PAV	Chorbarheta	Medical screening Camp in Gangai & Mehhrakheda(out of 0.23lacs=0.184+0.044)	0.03	NTPC	Completed
B.1.6	PAV	Gangai	Medical screening Camp in Gangai & Mehhrakheda(out of 0.23lacs=0.184+0.044)	0.03	NTPC	Completed
B.1.6	PAV	Ghat pipariya	Medical screening Camp in Gangai & Mehhrakheda(out of 0.23lacs=0.184+0.044)	0.03	NTPC	Completed

B.1.6	PAV	Kudari	Medical screening Camp in Gangai & Mehhrakheda(out of 0.23lacs=0.184+0.044)	0.03	NTPC	Completed
B.1.6	PAV	Mehrhakheda	Medical screening Camp in Gangai & Mehhrakheda(out of 0.23lacs=0.184+0.044)	0.03	NTPC	Completed
B.1.6	PAV	Umaria	Medical screening Camp in Gangai & Mehhrakheda(out of 0.23lacs=0.184+0.044)	0.03	NTPC	Completed
B.1.6	PAV	Mehrhakheda	Contribution towards cultural program	0.25	NTPC	Completed
B.1.4	PAV	Chorbarheta	Sports kit(0.49815 lacs)	0.07	NTPC	Completed
B.1.4	PAV	Dongargaon	Sports kit(0.49815 lacs)	0.07	NTPC	Completed
B.1.4	PAV	Gangai	Sports kit(0.49815 lacs)	0.07	NTPC	Completed
B.1.4	PAV	Ghat pipariya	Sports kit(0.49815 lacs)	0.07	NTPC	Completed
B.1.4	PAV	Kudari	Sports kit(0.49815 lacs)	0.07	NTPC	Completed
B.1.4	PAV	Mehrhakheda	Sports kit(0.49815 lacs)	0.07	NTPC	Completed
B.1.4	PAV	Umaria	Sports kit(0.49815 lacs)	0.07	NTPC	Completed
B.1.4	PAV	Chorbarheta	Stationery to students of Govt schools of PAVs(0.99598 lacs)	0.14	NTPC	Completed
B.1.4	PAV	Chorbarheta	Merit scholarship to students(2.05lacs)	0.29	NTPC	Completed
B.1.4	PAV	Dongargaon	Stationery to students of Govt schools of PAVs(0.99598 lacs)	0.14	NTPC	Completed
B.1.4	PAV	Dongargaon	Merit scholarship to students(2.05lacs)	0.29	NTPC	Completed
B.1.4	PAV	Gangai	Stationery to students of Govt schools of PAVs(0.99598 lacs)	0.14	NTPC	Completed
B.1.4	PAV	Gangai	Merit scholarship to students(2.05lacs)	0.29	NTPC	Completed

B.1.4	PAV	Ghat pipariya	Stationery to students of Govt schools of PAVs(0.99598 lacs)	0.14	NTPC	Completed
B.1.4	PAV	Ghat pipariya	Merit scholarship to students(2.05lacs)	0.29	NTPC	Completed
B.1.4	PAV	Kudari	Stationery to students of Govt schools of PAVs(0.99598 lacs)	0.14	NTPC	Completed
B.1.4	PAV	Kudari	Merit scholarship to students(2.05 lacs/2016)	0.29	NTPC	Completed
B.1.4	PAV	Mehrakheda	Stationery to students of Govt schools of PAVs(0.99598 lacs)	0.14	NTPC	Completed
B.1.4	PAV	Mehrakheda	Merit scholarship to students(2.05lacs)	0.29	NTPC	Completed
B.1.4	PAV	Umaria	Stationery to students of Govt schools of PAVs(0.99598 lacs)	0.14	NTPC	Completed
B.1.4	PAV	Umaria	Merit scholarship to students(2.05lacs)	0.29	NTPC	Completed
B.1.1	PAV	Chorbarheta	Construction of Cement Concrete Road /Pathway in Chorbarehta village	19.34	NTPC	Completed
B.1.1	PAV	Chorbarheta	Raising of Road Chowk at Chorbarehta	1.91	NTPC	Completed
B.1.1	PAV	Mehrakheda	Repair of Road Chorbarheta to Mehrakheda	2.45	NTPC	Completed
B.1.1	PAV	Mehrakheda	temporary road across Shakkar	0.37	NTPC	Completed
B.1.4	PAV	Chorbarheta	Scholarship to Students in PAVs (out of 1.9 lacs)	0.27	NTPC	Completed
B.1.4	PAV	Dongargaon	Scholarship to Students in PAVs (out of 1.9 lacs)	0.27	NTPC	Completed
B.1.4	PAV	Gangai	Scholarship to Students in PAVs (out of 1.9 lacs)	0.27	NTPC	Completed
B.1.4	PAV	Ghat pipariya	Scholarship to Students in	0.27	NTPC	Completed

			PAVs (out of 1.9 lacs)			
B.1.4	PAV	Kudari	Scholarship to Students in PAVs (out of 1.9 lacs/2015)	0.27	NTPC	Completed
B.1.4	PAV	Mehrakheda	Scholarship to Students in PAVs (out of 1.9 lacs)	0.27	NTPC	Completed
B.1.4	PAV	Umaria	Scholarship to Students in PAVs (out of 1.9 lacs)	0.27	NTPC	Completed
B.1.5	PAV	Chorbarheta	Medical Camps (out of 3 lacs)	0.43	NTPC	Completed
B.1.5	PAV	Dongargaon	Medical Camps (out of 3 lacs)	0.43	NTPC	Completed
B.1.5	PAV	Gangai	Medical Camps (out of 3 lacs)	0.43	NTPC	Completed
B.1.5	PAV	Ghat pipariya	Medical Camps (out of 3 lacs)	0.43	NTPC	Completed
B.1.5	PAV	Kudari	Medical Camps (out of 3 lacs)	0.43	NTPC	Completed
B.1.5	PAV	Mehrakheda	Medical Camps (out of 3 lacs)	0.43	NTPC	Completed
B.1.5	PAV	Umaria	Medical Camps (out of 3 lacs)	0.43	NTPC	Completed
B.1.6	PAV	Dongargaon	Water tanker	0.78	NTPC	Completed
B.1.6	PAV	Mehrakheda	Water tanker	0.78	NTPC	Completed
B.2.5	Vicinity	Gadarwara	Blanket distribution	0.50	NTPC	Completed
B.2.4	Vicinity	Gadarwara	Providing Multi para monitor at Gadarwara Hosp	2.10	NTPC	Completed
B.2.1	Vicinity	Narsinghpur	Renovation works at Govt headquarters at Narsinghpur-fencing	2.45	NTPC	Completed
B.1.1	PAV	Chorbarheta	Construction of CC road	10.00	NTPC	In progress
B.1.6	PAV	Chorbarheta	Water tanker to PAVs	1.00	NTPC	In progress

**NTPC Gadarwara**

B.1.1	PAV	Gangai	Construction of drain on both side of road at Gangai turning	-	NTPC	In progress
B.1.1	PAV	Mehrakheda	Construction of CC road/pathway Mehrakheda	4.00	NTPC	In progress
B.1.1	PAV	Dongargaon	Electrical works in PAVs` (out of 40 lacs)	8.00	NTPC	In progress
B.1.1	PAV	Kudari	Electrical works in PAVs` (out of 40 lacs)	8.00	NTPC	In progress
B.1.1	PAV	Mehrakheda	Electrical works in PAVs` (out of 40 lacs)	8.00	NTPC	In progress
B.1.1	PAV	Chorbarheta	Electrical works in PAVs` (out of 40 lacs)	8.00	NTPC	In progress
B.1.1	PAV	Umaria	Electrical works in PAVs` (out of 40 lacs)	8.00	NTPC	In progress
B.1.6	PAV		Tricycle and hearing aid distribution	0.87	NTPC	Completed
B.1.5(3)	PAV	Kudari	Medical clamp Kudari	0.63	NTPC	Completed
B.2.1	Vicinity	Gadarwara	Auditorium at Gadarwara	122.00	NTPC	In progress
B.2.1	Vicinity	Gadarwara	Foundation stone laying ceremony, Auditorium	0.50	NTPC	completed
B.2.4	Vicinity	Gadarwara	Addl wards in Hospital at gadarwara	28.00	NTPC	In Progress
B.1.2	PAV	Chorbarheta	Installation of Hand pumps in PAVs(out of 16.14lacs)	2.52	PHE	Completed
B.1.2	PAV	Dongargaon	Installation of Hand pumps in PAVs(out of 16.14lacs)	2.52	PHE	Completed
B.1.2	PAV	Gangai	Installation of Hand pumps in PAVs(out of 16.14lacs)	2.52	PHE	Completed
B.1.2	PAV	Ghat pipariya	Installation of Hand pumps in PAVs(out of 16.14lacs)	2.52	PHE	Completed
B.1.2	PAV	Kudari	Installation of Hand pumps in PAVs(out of 16.14lacs)	2.52	PHE	Completed
B.1.2	PAV	Mehrakheda	Installation of Hand pumps	2.52	PHE	Completed



			in PAVs(out of 16.14lacs)			
B.1.2	PAV	Umaria	Installation of Hand pumps in PAVs(out of 16.14lacs)	1.02	PHE	Completed
B.1.2	PAV	Chorbarheta	Water supply pipeline (out of 119.61 lacs)	20.00	PHE	In progress
B.1.2	PAV	Dongargaon	Water supply pipeline (out of 119.61 lacs)	18.55	PHE	In progress
B.1.2	PAV	Gangai	Water supply pipeline (out of 119.61 lacs)	20.00	PHE	In progress
B.1.2	PAV	Ghat pipariya	Water supply pipeline (out of 119.61 lacs)	9.62	PHE	In progress
B.1.2	PAV	Kudari	Water supply pipeline (out of 119.61 lacs)	19.62	PHE	In progress
B.1.2	PAV	Mehrakheda	Water supply pipeline (out of 119.61 lacs)	16.20	PHE	In progress
B.1.2	PAV	Umaria	Water supply pipeline (out of 119.61 lacs)	15.62	PHE	In progress
B.2.4	Vicinity	Narsinghpur	Upgradation and renovation of District hospital Narsinghpur	32.32	PWD	Completed
B.1.1	PAV	Gangai	Construction of toilets in premises of Uchit Mulya Dukan Gangai	4.19	RES	Completed
B.1.1	PAV	Gangai	Construction of shed for Uchit Mulya Dukan Gangai	3.40	RES	Completed
B.2.1	Vicinity	Gadarwara	Construction of drain in Govt Hospital at Gadarwara	18.60	RES	Completed
B.2.1	Vicinity	Gadarwara	Construction of Community Hall, Dining Hall in BTI, Gadarwara	10.00	RES	Completed
B.2.1	Vicinity	Narsinghpur	Fixing of Paver block in Govt Excellent School, Narsinghpur	7.98	RES	Completed
B.2.1	Vicinity	Narsinghpur	False ceiling in Govt PG College, Narsinghpur	3.81	RES	Completed

B.2.1	Vicinity	Narsinghpur	Construction of C. C Road in front of Auditorium at PG College Narsinghpur	2.50	RES	Completed
B.2.1	Vicinity	Narsinghpur	False ceiling in Govt Excellent School, Narsinghpur	1.18	RES	Completed
B.2.1	Vicinity	Narsinghpur	Construction of Cement concrete road in PG College, Narsinghpur	0.62	RES	Completed
B.2.1	Vicinity	Narsinghpur	Sulabh toilet in Court Narsinghpur	7.85	RES	Completed
B.2.1	Vicinity	Narsinghpur	Furnitures in Auditorium at PG college , Narsinghpur	20.00	RES	Completed
B.2.1	Vicinity	Gadarwara	Construction of Town Hall near Ambedkar Bhawan at Gadarwara	25.00	RES	Completed
B.1.1	PAV	Chorbarheta	Construction of Community Halls ( 50% of Estimate) part of 74.52 lacs	12.42	RES	In progress
B.1.1	PAV	Dongargaon	Construction of Community Halls ( 50% of Estimate) part of 74.52 lacs	12.42	RES	In progress
B.1.1	PAV	Ghat Pipariya	Construction of Community Halls ( 50% of Estimate) part of 74.52 lacs	12.42	RES	In progress
B.1.1	PAV	Kudari	Construction of Community Halls ( 50% of Estimate) part of 74.52 lacs	12.42	RES	In progress
B.1.1	PAV	Mehrakheda	Construction of Community Halls ( 50% of Estimate) part of 74.52 lacs	12.42	RES	In progress
B.1.1	PAV	Mehrakheda	Construction of Road- Plant Boundary to Mehrakheda	60.64	RES	In progress
B.1.1	PAV	Chorbarheta	Construction of Community Halls ( 50% of Estimate) part of 74.52 lacs	12.42	RES	In progress

B.1.1	PAV	Dongargaon	Construction of Community Halls ( 50% of Estimate) part of 74.52 lacs	12.42	RES	In progress
B.1.1	PAV	Ghat Pipariya	Construction of Community Halls ( 50% of Estimate) part of 74.52 lacs	12.42	RES	In progress
B.1.1	PAV	Kudari	Construction of Community Halls ( 50% of Estimate) part of 74.52 lacs	12.42	RES	In progress
B.1.1	PAV	Mehrakheda	Construction of Community Halls ( 50% of Estimate) part of 74.52 lacs	12.42	RES	In progress
B.1.5	PAV	Chorbarheta	Medical camp			
B.1.5	PAV	Gangai	Medical camp			
B.1.5	PAV		Medical camp			
B.1.1	PAV	Umaria	Construction of Community Halls ( 50% of Estimate) part of 74.52 lacs	12.42	RES	In progress
B.1.1	PAV	Umaria	Construction of Community Halls ( 50% of Estimate) part of 74.52 lacs	12.42	RES	In progress
B.1.3	PAV	Chorbarheta	Toilets in Every house hold in PAVs(1 Chorbarheta)	28.34	RES	In progress
B.2.3	Vicinity	Narsinghpur	Construction of Community Mess in Govt. MLB School Narsinghpur	10.00	RES	In progress
B.2.1	Vicinity	Gadarwara	Construction of SDM Court Building at Gadarwara	26.05	RES	Completed
B.2.3	Vicinity	Narsinghpur	Govt coaching centre UDAAN	16.54	RES	In progress
B.2.5	Vicinity	Gadarwara	School Chalo Abhiyan	1.88		Completed
			<b>Total</b>	<b>1,570.28</b>		

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