PROJECT SUMMARY AND ENVIRONMENTAL MANAGEMENT DOCUMENT

FOR

Seeking Amendment to the Environmental Clearance Issued for the Captive Thermal Power plant of 2X30 MW at Budhni Industrial Area, Dist. Sehore, Madhya Pradesh, by M/s. Trident Ltd

(Proposal: change in configuration of the steam turbine from earlier permitted scenario of 2x30MW to current proposal of 1x60MW without any increase in pollution load and overall captive power plant capacity)

Project Proponent

TRIDENT GROUP
Being different is normal

Budhni Industrial Area, Dist. Sehore, Madhya Pradesh

Project Consultant

Cholamandalam MS Riskk Services Limited

Accredited EIA Consulting Organization Certificate No: NABET/EIA/1 011/011

Parry House 4th Floor, No:2, N.S.C Bose Road, Chennai 600 001
Table of Contents

1. INTRODUCTION .............................................................................................................. 3
   1.1. Background of the Project ....................................................................................... 3
   1.2. Location of the TL’s Textile Complex Facility and CPP .............................................. 3
   1.3. The Proposal for Seeking Change in steam turbine configuration ......................... 6
   1.4. Revised CPP Layout ................................................................................................. 8

2. SUMMARY OF ENVIRONMENTAL MANAGEMENT PLAN ................................................. 9

List of Tables

Table 1-1 Salient Features of the Proposal .......................................................................... 7
Table 1-2 Break Up of the CPP Area .................................................................................... 8

List of Figures

Figure 1-1 Location Map of the Trident Group Facilities at Budhni .................................... 4
Figure 1-2 Google Map Showing the TL Complex and Area Designated for Proposed CPP ..... 5
1. INTRODUCTION

1.1. Background of the Project

Trident Group is one of India’s leading and flourishing textile houses, an INR 25 billion global conglomerate. The Group operates in three main business segments: Textiles, Paper and Chemicals. Textile contributes nearly 75% of the total business revenue, whereas paper & chemical segment contributes to the remaining percentage. Trident Limited (TL) has an existing unit engaged in the production of 100 % cotton and blended yarn at the Budhni Industrial Area in village Budhni, District Sehore of Madhya Pradesh (M.P). in order to meet the power requirements, TL has proposed to set up a captive power plant within the existing textile plant of at Trident’s Budhni operations. The project was accorded the environmental clearance for the coal based Captive Power Plant (CPP) of 60 MW (2X30 MW), MoEF&CC Vide letter no: J-13012/31/2013/IA.1 (T), Dated: 23rd September 2014. The project has progressed into under basic engineering phase and tender packages for the engineering and civil packages are under progress.

1.2. Location of the TL’s Textile Complex Facility and CPP

The proposed captive power plant will be developed within the existing boundary limit of the TL at Khasara No. 36/1, 36/2, 36/4, 36/5, 36/6, 40/1, 40/2, 40/3, 39/1, 39/2, 41/1, 41/2, 42, 43 village Budhni, District Sehore (MP). Out of the total 600 acres, which is already in possession of TL textile complex, 95 acres has been demarcated for the development of the proposed Captive Power Plant (CPP). Location map of the TL facilities at the Budhni and location is shown in Figure 1. Photographs of the site proposed for developing the CPP within the existing TL land are shown in Figure 2. Since the project is under basic engineering phase, no construction activities are undertaken so far, except for levelling and ground preparation.
Project Summary and Environmental Management Document for change in configuration of the steam turbine from earlier permitted scenario of 2x30MW to current proposal of 1x60MW without any increase in pollution load and overall captive power plant capacity

Figure 1-1 Location Map of the Trident Group Facilities at Budhni
Project Summary and Environmental Management Document for change in configuration of the steam turbine from earlier permitted scenario of 2x30MW to current proposal of 1x60MW without any increase in pollution load and overall captive power plant capacity

Figure 1-2 Google Map Showing the TL Complex and Area Designated for Proposed CPP
1.3. The Proposal for Seeking Change in steam turbine configuration

Environmental clearance for the initial proposal was granted based on the configuration of 150 TPH steam boiler to meet steam requirement for captive power generation (2x30MW) and process units in the textile complex. The proposed boiler will be based on Circulating Fluidized Bed combustion boiler (CFBC), which is a most environment friendly technology. The proposed CFBC can fire a wide range of coals. The estimated coal consumption in the CPP will be in the order of 0.2 MTPA when fired with imported coal with calorific value of 5800 Kcal/Kg, whereas the same will be in the order of 0.42 MTPA when operates with Indian coal with calorific value of 3800 Kcal/Kg. Similar to other captive power plants, the proposed CPP consist of raw water system, coal storage and handling facilities, steam boiler, Condenser and auxiliary cooling system, steam export to the textile plant, return condensate steam recovery and reuse facilities, electrostatic precipitators and dry fly ash storage silos etc.

Based on a detailed project report prepared by the M/s. FICHTNER Consulting Engineers (India) Private Limited, the management of Trident Limited intends to change the configuration of the CPP with 1x60MW of steam generator instead of 2x30MW without changing the capacities of the boiler and other supporting facilities that were already permitted under the earlier environmental clearance issued for the project. Since the capacity of the boiler will remain unchanged from the earlier consented levels (150 TPH boiler), no change in the coal consumption, emissions and discharges are envisaged from the earlier consented values.

The change in steam turbine configuration from 2x30MW to 1x60MW has been envisaged under this revised proposal due to the following advantages:

- Reduced auxiliary consumption
- More reliable
- Lesser foot print

The overall project of the CPP for the revised proposal will increase from earlier estimated budget of 377.85 Cr in 2014, to about Rs.495 Cr as per the current revised estimates as on June 2017. Summary of salient features of the project as per the earlier permitted
environmental clearance and the current revised proposal for change in steam turbine configuration are presented in Table 1.

**Table 1-1 Salient Features of the Proposal**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>As per the earlier proposal submitted for which EC was granted by MOEF&amp;CC</th>
<th>Proposal Seeking for Amendment in EC (change in Steam Turbine Configuration)</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Steam generation boiler</td>
<td>150 TPH</td>
<td>150 TPH</td>
<td>No change in the boiler capacity and boiler technology is envisaged.</td>
</tr>
<tr>
<td>Steam turbine</td>
<td>2x30MW</td>
<td>1x60MW</td>
<td>A single unit of 60MW steam turbine will be installed in place of earlier proposal of 2x30MW. No increase in overall power generation capacity from the CPP is envisaged.</td>
</tr>
<tr>
<td>Coal consumption</td>
<td>0.42 MTPA</td>
<td>0.42 MTPA</td>
<td>No change in coal consumption is envisaged</td>
</tr>
<tr>
<td>(based on 100% Indian coal with 3800 Kcal/Kg)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stack height</td>
<td>100 m</td>
<td>100 m</td>
<td>No change in coal consumption is envisaged</td>
</tr>
<tr>
<td>Particulate Matter Emissions (PM)</td>
<td>50 mg/Nm³</td>
<td>30 mg/Nm³</td>
<td>As per MOEF&amp;CC circular dated January 2017, the proposed ESPs will be designed and installed to meet the PM emission levels less than 30 mg/Nm³. Hence there will be reduction of PM emissions by an order of 40% from earlier scenario.</td>
</tr>
<tr>
<td>Sulphur Dioxide Emissions (SO₂)</td>
<td>No specific standards. Minimum stack height is provided based on CPCB standards</td>
<td>100 mg/Nm³</td>
<td>As per MOEF&amp;CC circular dated January 2017, it has been proposed to adopt flue gas desulfurization systems to meet the current standards of 100 mg/Nm³. Suitably design limestone injection system in the CFBC for capture of SO₂ will be installed.</td>
</tr>
<tr>
<td>Oxides of Nitrogen (NOx)</td>
<td>No specific standards</td>
<td>100 mg/Nm³</td>
<td>As per MOEF&amp;CC circular dated January 2017, NOx emissions from the power plants shall be maintained below 100 mg/Nm³. In the Fluidised bed type boilers, due to high turbulence and circulation of solids, a reasonably constant combustion temperature will be maintained throughout the</td>
</tr>
</tbody>
</table>
Project Summary and Environmental Management Document for change in configuration of the steam turbine from earlier permitted scenario of 2x30MW to current proposal of 1x60MW without any increase in pollution load and overall captive power plant capacity

### Parameter

<table>
<thead>
<tr>
<th>Parameter</th>
<th>As per the earlier proposal submitted for which EC was granted by MOEF&amp;CC</th>
<th>Proposal Seeking for Amendment in EC (change in Steam Turbine Configuration)</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>combustion process. The low combustion temperature results in minimal NOx formation.</td>
</tr>
<tr>
<td>Water consumption</td>
<td>6600 m$^3$/day</td>
<td>6600 m$^3$/day</td>
<td>No change from the earlier proposal</td>
</tr>
</tbody>
</table>

#### 4. Revised CPP Layout

The proposed CPP will be developed within the existing facility. The total area demarcated for the CPP is 95 acres with a greenbelt area to the tune of 33% of the total area. While there is no change in overall plant area and greenbelt area, the CPP area land use break up is presented in Table 2 and revised project layout is presented in Annexure 2. It can be inferred from the revised layout that space for developing lime FGD has been accommodated. It can also be noted that the area allocated for greenbelt and plantation will be unchanged from the earlier permitted proposal.

**Table 1-2 Break Up of the CPP Area**

<table>
<thead>
<tr>
<th>Land use Type</th>
<th>Area in Acres</th>
<th>As per the earlier proposal submitted for which EC was granted by MOEF&amp;CC</th>
<th>Proposal Seeking for Amendment in EC (change in Steam Turbine Configuration)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coal storage and handling areas</td>
<td>3.13</td>
<td>3.13</td>
<td></td>
</tr>
<tr>
<td>Boilers and powerhouse, cooling towers and other supporting facilities</td>
<td>25.97</td>
<td>25.97</td>
<td></td>
</tr>
<tr>
<td>Greenbelt within the captive power plant area</td>
<td>32.00</td>
<td>32.00</td>
<td></td>
</tr>
<tr>
<td>Roads/pathways and vacant land for future expansion</td>
<td>33.90</td>
<td>33.90</td>
<td></td>
</tr>
<tr>
<td><strong>Total CPP area</strong></td>
<td><strong>95.00</strong></td>
<td><strong>95.00</strong></td>
<td></td>
</tr>
</tbody>
</table>
2. SUMMARY OF ENVIRONMENTAL MANAGEMENT PLAN

The management of Trident Limited has submitted the six monthly compliance reports to MoEF&CC regional offer and copy of the same is enclosed in Annexure 3 of this document. Trident Limited is committed to implement all the conditions stipulated in the environmental clearance issued for the project. Construction activities are commenced at site and the project is at a basic engineering phase.

There would not be any increase water consumption and waste generation from the CPP due to change in steam turbine configuration. Since the boiler capacity remains unchanged from earlier proposal, coal consumption will be maintained within the permitted levels in the earlier EC.

In order to meet the new power plant regulations, it is proposed to adopt dry limestone injection in the CFBC. This will further held to reduce the SO₂ emissions by several fold when compared with that of the permitted levels in earlier EC. Due to adoption of new power plant emission standards, the predicted ground level concentrations of SO₂ will be reduced from 30 µg/m³ from the earlier proposal to less than 5 µg/m³.

Similar to the earlier proposal, 60MW steam turbine will be housed within an closed plant room so that the noise levels outside the plant will be maintained less than 70 dB(A) as per ambient noise standards.

Based on this analysis, it has been concluded that due to change in steam turbine configuration from earlier proposal of 2x30MW to current proposal of 1x60MW, there will not be any adverse environmental impacts, except a with a positive note of reduction in emissions from the CPP due to implementation of new power plant emission norms.
Annexure 1

Environmental clearance for the coal based Captive Power Plant (CPP) of 60 MW (2x30 MW), MoEF&CC wide letter no: J-13012/31/2013/IA.1 (T), Dated: 23rd September 2014
To
M/s Trident Ltd.,
Hoshangabad Road, Budni,
District Sehore,
Madhya Pradesh.

Tel. 0161-5039999; Fax: 0161-5038800

Sub: Captive Thermal Power Plant of 2x30 MW at Budni Industrial Area,
Distt. Sehore, Madhya Pradesh by M/s Trident Ltd. - reg. Environmental
Clearance.

Sir,

This has reference to your letters dated 12.11.2013 and 10.04.2014 on the
subject mentioned above. The Ministry has examined the application. The ToR for
preparation of EIA/EMP report was accorded by SEAC/SEIAA on 19.11.2011 and
by MoEF on 08.05.2014 for preparation of an addendum EIA/EMP report. Public
Hearing for the project was held on 30.04.2013.

2. It is noted that the proposed CPP will be located within the existing Trident
complex at Budni, District Sehore, M.P. The land requirement for the CPP will be
95 acres, out of the total area of 600 acres of Trident complex. Ratapani Wildlife
Sanctuary is located at about 7.75 km from the project. Budni and Chakla Reserve
Forests are at the distance of 3.5 km and 3 km respectively. The project cost and
budget for EMP are Rs. 377.85 crores and Rs. 16.03 crores respectively.

3. Blended coal (Indian and Indonesian coal) will be used for the proposed CPP.
MoU is signed with M/s. Swastik Corporation for the supply of Indian and imported
coal. The sulphur content, ash content and GCV of domestic coal will be 0.3%-0.5%,
34% [max] and 3800 to 4500 Kcal/Kg respectively. The sulphur content, ash
content and GCV of imported coal will be 0.3%-0.7%, 7%-12% and 5000 to 5800
Kcal/Kg respectively. The water requirement for the CPP is 6600 KLD out of the
water allocation of 14,325 KLD for the Trident complex. The source of water will be
Narmada River. No ash pond is proposed and fly ash silos will be constructed. 100
% fly ash utilisation is planned from the date of commercial operation. MoU was
signed with M/s. Sri Satguru Associates, who inturn supplies to cement plants and
bricks manufactures for the utilisation of maximum ash quantity of 425 TPD as
against the ash generation of 205 TPD during the normal operating conditions.

4. Based on the information submitted by you and presentations made by you
and your consultant viz. M/s Cholamandlam MS Risk Services Ltd. before the
Expert Appraisal Committee (Thermal Power) in its 16th Meeting held during July 1-
2, 2014, the Ministry hereby accords environmental clearance to the above project
under the provisions of EIA Notification dated September 14, 2006 and
amendments therein subject to the compliance of the following Specific and
General conditions:
A. Specific Conditions:

i) The EC is subject to the clearance from the Standing Committee of the NBWL. Further, the grant of EC does not necessarily imply that wildlife clearance shall be granted to the project. The proposal of wildlife clearance will be considered by the respective authorities on its merits and decision taken. The investment made in the project, if any based on EC, in anticipation of the clearance from wildlife angle shall be entirely at the cost and risk of the project proponent and MoEF shall not be responsible in this regard in any manner.

ii) Vision document specifying prospective plan for the site shall be formulated and submitted to the Regional Office of the Ministry within six months.

iii) Harnessing solar power within the premises of the plant particularly at available roof tops shall be carried out and status of implementation including actual generation of solar power shall be submitted along with half yearly monitoring report.

iv) A long term study of radio activity and heavy metals contents on coal to be used shall be carried out through a reputed institute and results thereof analyzed every two year and reported along with monitoring reports. Thereafter mechanism for an in-built continuous monitoring for radio activity and heavy metals in coal and fly ash (including bottom ash) shall be put in place.

v) A stack of 100 m height shall be provided with continuous online monitoring equipments for SOx, NOx and PM$_{2.5}$ & PM$_{10}$. Exit velocity of flue gases shall not be less than 22 m/sec. Mercury emissions from stack shall also be monitored on periodic basis.

vi) Sulphur and ash contents in the coal to be used in the project shall not exceed 0.5 % and 34 % for Indian coal and 0.7 % and 12% for imported coal 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.

vii) High Efficiency Electrostatic Precipitators (ESPs) shall be installed to ensure that particulate emission does not exceed 50 mg/Nm$^3$. 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.

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.

ix) COC of atleast 5.0 shall be adopted.

x) Storm water from the Plant areas shall be collected through a garland drain in a guard pond and settling tank before discharge into River.

xi) Monitoring of surface water quantity and quality 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 also be undertaken and results/findings submitted along with half yearly monitoring report.

xii) A well designed rain water harvesting system shall be put in place within six months, which shall comprise of rain water collection from the built up and open area in the plant premises and detailed record kept of the quantity of water harvested every year and its use.

xiii) 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.

xiv) Wastewater generated from the plant shall be treated before discharge to comply limits prescribed by the SPCB/CPCB.

xv) Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.

xvi) *Fly ash shall be collected in dry form and storage facility (silos) shall be provided. No ash shall be disposed in ash pond and in low lying areas. Utilisation of 100% Fly Ash generated shall be made from day one of operation of the plant. Status of implementation shall be reported to the Regional Office of the Ministry from time to time.*

xvii) Mercury and other heavy metals (As, Hg, Cr, Pb etc.) shall be monitored in the bottom ash.

xviii) Fly ash shall not be used for agricultural purpose. No mine void filling will be undertaken as an option for ash utilization without adequate lining of mine with suitable media such that no leachate shall take place at any point of time. In case, the option of mine void filling is to be adopted, prior detailed study of soil characteristics of the mine area shall be undertaken from an institute of repute and adequate clay lining shall be ascertained by the State Pollution Control Board and implementation done in close co-ordination with the State Pollution Control Board.

xix) Fugitive emission of fly ash (dry or wet) shall be controlled such that no agricultural or non-agricultural land is affected. Damage to any land shall be mitigated and suitable compensation provided in consultation with the local Panchayat.

xx) Green Belt consisting of three tiers of plantations of native species around plant and at least 50 m width shall be raised. Wherever 50 m width is not feasible a 20 m width shall be raised and adequate justification shall be submitted to the Ministry. Tree density shall not be less than 2500 per ha with survival rate not less than 80 %.

xxi) CSR schemes identified based on need based assessment shall be implemented in consultation with the village Panchayat and the District Administration starting from the development of project itself. As part of CSR prior identification of local employable youth and eventual employment in the project after imparting relevant training shall be also undertaken. Company shall provide separate budget for community development activities and income generating programmes.
xxii) For proper and periodic monitoring of CSR activities, a CSR committee or a Social Audit committee or a suitable credible external agency shall be appointed. CSR activities shall also be evaluated by an independent external agency. This evaluation shall be both concurrent and final.

xxiii) An Environmental Cell comprising of at least one expert in environmental science/ engineering, ecology, occupational health and social science, 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 Plant who would be accountable for implementation of environmental regulations and social impact improvement/mitigation measures.

B. General Conditions:

(i) 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.

(ii) A sewage treatment plant shall be provided (as applicable) and the treated sewage shall be used for raising greenbelt/plantation.

(iii) Adequate safety measures shall be provided in the plant area to check/minimize spontaneous fires in coal yard, especially during summer season. Copy of these 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.

(iv) 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 will 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.

(v) First Aid and sanitation arrangements shall be made for the drivers and other contract workers during construction phase.

(vi) Noise levels emanating from turbines shall be so controlled such that the noise in the work zone shall be limited to 85 dB(A) from source. For people working in the high noise area, requisite personal protective equipment like earplugs/ear muffs etc. 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.

(vii) Regular monitoring of ambient air ground level concentration of SO$_2$, NOx, PM$_{2.5}$ & PM$_{10}$ and Hg shall be carried out in the impact zone and records maintained. If at any stage these levels are found to exceed the prescribed limits, necessary control measures shall be provided 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.

(viii) Provision shall be made for the housing of construction labour (as applicable) within the site with all necessary infrastructure and facilities
such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.

(ix) 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 also be seen at Website of the Ministry of Environment and Forests at http://envfor.nic.in.

(x) A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parisad / Municipal Corporation, urban local Body and the Local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.

(xi) 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 (PM$_{2.5}$ & PM$_{10}$), SO$_2$, NO$_x$ (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.

(xii) The environment statement for each financial year ending 31st 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 clearance conditions and shall also be sent to the respective Regional Offices of the Ministry by e-mail.

(xiii) The project proponent shall submit six monthly reports on the status of the implementation 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 environmental clearance conditions on their website and update the same periodically and simultaneously send the same by e-mail to the Regional Office, Ministry of Environment and Forests.

(xiv) Regional Office of the Ministry of Environment & Forests will 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 will up-load the compliance status in their website and up-date the same from time to time at least six monthly basis. **Criteria pollutants levels including NO$_x$ (from stack & ambient air) shall be displayed at the main gate of the power plant.**

(xv) 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 purposes and year-wise expenditure should be reported to the Ministry.

(xvi) The project authorities shall inform the Regional Office as well as the Ministry regarding the date of financial closure and final approval of the project by the concerned authorities and the dates of start of land development work and commissioning of plant.

(xvii) 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.

5. 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 or modify the existing ones, if necessary.

6. The environmental clearance accorded shall be valid for a period of 5 years from the date of issue of this letter to start operations by the power plant.

7. 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.

8. 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.


10. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

Yours faithfully,

(Dr. Saroj)
Scientist ‘F’

Copy to:
1. The Secretary, Ministry of Power, Shram Shakti Bhawan, Rafi Marg, New Delhi 110001.
2. The Chairman, Central Electricity Authority, Sewa Bhawan, R.K. Puram, New Delhi-110066.
3. The Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi-110032.
4. The Secretary, Department of Environment, Government of Madhya Pradesh, Bhopal.
5. The Chairman, Madhya Pradesh Pollution Control Board, E-5, Arera Colony, Paryavaran Parisar, Bhopal-462016, Madhya Pradesh.
6. The Chief Conservator of Forests, Regional Office (WZ), E-5, Kendriya Paryavaran Bhawan, Arera Colony, Ravishankar Nagar, Bhopal - 462016.
7. The Collector, District Sehore, M.P.

(Dr. Saroj)
Scientist ‘F’
Annexure 2

Revised CPP Layout
Project Summary and Environmental Management Document for change in configuration of the steam turbine from earlier permitted scenario of 2x30MW to current proposal of 1x60MW without any increase in pollution load and overall captive power plant capacity
Project Summary and Environmental Management Document for change in configuration of the steam turbine from earlier permitted scenario of 2x30MW to current proposal of 1x60MW without any increase in pollution load and overall captive power plant capacity

Annexure 3

Six monthly compliance report Submitted to MoEF&CC Regional Office, Bhopal
Ref: SUS / CPP/Compliance Report / 01, Dtd. 6th June 2017

To

Dr. TEJINDER SINGH, IFS
Additional Principal Chief Conservator of Forests (C),
Ministry of Environment, Forest and Climate Change,
Regional Office (WZ),
E-5, Kendriya Paryavaran Bhawan, E-5 Arera Colony, Link Road-3,
Ravishankar Nagar, Bhopal – 462016

Dear Sir

Sub: Captive Thermal Power plant of 2 X 30 MW at Budhni Industrial Area, Dist.
Sehore, Madhya Pradesh, by M/s. Trident Ltd., - Submission of Compliance
conditions: Reg

Ref: Environmental Clearance issued by MoEF vide letter No: J-13012/31/2013/IA.1
(T), Dated: 23rd September 2014.

With reference to above Environmental Clearance issued by Ministry of
Environment, Forests and Climate Change for the CPP plant with the capacity of 2 X 30
MW, we hereby intimate you that we have completed the detailed project report and we
are progressing into basic engineering aspects.. We have considered all the specified
conditions while developing the detailed project report and will be implementing the
same under basic and detailed engineering of the proposed project. A detailed compliance
state for the conditions stipulated in the EC granted for the project is enclosed to this
letter for your kind perusal.

Thanking your

Yours sincerely

(For Trident Ltd.),
Authorized Signatory

TRIDENT LIMITED
Hoshangabad Road, Budhni,
Distt. Sehore-466445 (M.P.)

Enclosure: Compliance report.
Copy to

1. The Secretary, Ministry of Power, Shram Sakthi Bhwan, Rafi Marg, New Delhi – 110001
2. The Chairman, Central Electricity Authority, Sewa Bhwan, R.K.Puram, New Delhi - 110066
3. The Chairman, Central Pollution Control Board, Parivesh Bhawan, East Arjun Nagar, New Delhi – 110032
4. The Secretary, Department of Environment, Government of Madhya Pradesh, Bhopal.
5. The Chairman, Madhya Pradesh Pollution Control Board, E-5 Arera Colony, Paryavaran Parisar, Bhopal, 462016.
6. The Collector, Sehore District, Sehore, MP
<table>
<thead>
<tr>
<th>S.No</th>
<th>Compliance Conditions</th>
<th>Status</th>
</tr>
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<tbody>
<tr>
<td>i</td>
<td>The EC is subject to the clearance from standing committee of the NBWL. Further the grant of EC does not necessarily imply that wildlife clearance shall be granted to the project. The proposal shall be considered by the respective authorities on its merit and decision taken. The investment made in the project, if any based on EC, in anticipation of clearance from the wildlife angle shall be entirely at the cost and risk of the project proponent and MoEF shall not be responsible in this regard in any manner.</td>
<td>Wild Life clearance received from NBWL as per recommendation from State Wildlife Board as per the Wildlife Conservation Act and copy of the same is enclosed as Annexure -1.</td>
</tr>
<tr>
<td>ii</td>
<td>Vision document specifying prospective plan for the site shall be formulated and submitted to the regional office of the Ministry within 6 months.</td>
<td>The project is basic engineering phase and the vision document is presented in Annexure - 2.</td>
</tr>
<tr>
<td>iii</td>
<td>Harnessing Solar power within the premises of the plant particularly at the available roof tops shall be carried out and status of implementation including actual generation of solar power shall be submitted along with half yearly monitoring report.</td>
<td>The same will be included in the detailed engineering and construction plan of the project.</td>
</tr>
<tr>
<td>iv</td>
<td>A long term study of radio activity and heavy metals contents on coal to be used shall be carried out through a reputed institute and results thereof analyzed every 2 years along with monitoring reports. There after mechanism for an in built continuous monitoring of heavy metals and radio activity in coal and fly ash shall be put in place.</td>
<td>Samples will be collected and analyzed by accredited labs and test report will be submitted to MoEF&amp;CC during the operation phase of the project.</td>
</tr>
<tr>
<td>V</td>
<td>A stack of height 100m shall be provided with continuous online monitoring equipment for SOx, NOx, and PM2.5, PM10. Exit velocity of flue gases shall not be less than 22m/sec. Mercury emissions from stack shall also be monitored on periodic basis.</td>
<td>The stack with a height of 100 m height will be installed to disperse the stack gases as against minimum stack height requirement of 78m as per the CPCB minimum stack height norms based on worst case coal use. Online emission monitoring system will be installed as per the CPCB guidelines during the construction phase of the project.</td>
</tr>
<tr>
<td>vi</td>
<td>Sulphur and ash contents in the coal to be used in the project shall not exceed 0.5% and 34% for Indian coal and 0.7% and 12% for imported coal respectively at any given time. In case of variation of coal quantity at any point of time, fresh reference shall be made to the Ministry for suitable amendments to environment clearance condition wherever necessary.</td>
<td>SOx emission will be permissible limit as per norms and shall be complied.</td>
</tr>
<tr>
<td>vii</td>
<td>High Efficiency Electrostatic Precipitators (ESPs) shall be installed to ensure that particulate emission does not exceed 50mg/Nm3. Adequate dust extraction system such as cyclone/bag filters</td>
<td>To minimize emission of suspended particulate matter (SPM), Electrostatic Precipitators (ESPs) of high efficiency of the order of 99.9%</td>
</tr>
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TRIDENT LIMITED
Hoshangabad Road, Budhni,
Distt. Sehore-466445 (M.P.)
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.

and of adequate size will be provided at exit end of each boiler to bring down PM emission level less than 50mg/Nm³. 100 meters high stack will be provided as compare to the 78 meters minimum stack height guidelines suggested by CPCB.

A continuous online stack emission monitoring unit will be installed to monitor Particulate Matter and Sulfur Dioxide.

Shall be complied in due course as project is yet to be started.

<table>
<thead>
<tr>
<th>viii</th>
<th>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.</th>
<th>Auxiliary systems such as dust extraction/dust suppression system for dust emission control shall be installed in CHP area.</th>
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<tr>
<td></td>
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<td>Ash conditioner as well as telescopic chute shall be installed at ash unloading area.</td>
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<td>Shall be complied in due course as project is yet to be started.</td>
<td>Shall be complied in due course as project is yet to be started.</td>
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</table>

<p>| ix | COC of at least 5.0 shall be adopted. | Cooling water system will be designed for minimum COC of 5 and will be operated as per standards during operational phase of the project. |
|    |                                                                 | Garland drain and settling tank will be designed and developed during the construction phase of the project. |
|    |                                                                 | Since the treated wastewater will be completely utilized for greenbelt/plantation development activities and dust suppression activities within the plant, wastewater discharge into surface drains and streams are not envisaged |
| X  | Storm water from the plant areas shall be collected through a garland drain in a guard pond and settling tank before discharge into River. |                                                                 |</p>
<table>
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<tr>
<td>xii</td>
<td>A well designed rain water harvesting system shall be put in place within 6 months, which shall compromise of rain water collection from the built up and open area in the plant premises and detailed record kept of water harvested every year and it use. Shall be complied as project is yet to be started. Rain water harvesting system will be designed and implemented during the construction phase of the project.</td>
</tr>
<tr>
<td>xiii</td>
<td>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. Agreed and shall be complied time to time.</td>
</tr>
<tr>
<td>xiv</td>
<td>Waste water generated from the plant shall be treated before discharge to comply limits prescribed in SPCB/CPCB. Waste water will be treated and reused for plant use, dust suppression and gardening applications and no wastewater will be generated outside the plant premises. A dedicated Sewage treatment also will be constructed to treatment the plant domestic wastewater for reuse for gardening.</td>
</tr>
<tr>
<td>xv</td>
<td>Additional soil for leveling of the proposed site shall be generated within the site (to the extent possible) so that natural drainage system of the area is protected and improved. Additional soil for leveling of the site will be generated from the site only. Noted and will be complied</td>
</tr>
<tr>
<td>xvi</td>
<td>Fly ash Shall be collected in dry form and storage facility (silos) shall be provided. No ash shall be disposed in ash pond and in low lying areas. Utilization of 100% Fly ash generated shall be made from day one of the plant. Status of implementation of the plant. Status of implementation shall be reported to the Regional Office of the Ministry from time to time. Fly ash &amp; bottom ash generated is proposed to be handled in dry form and stored in the silo through closed pneumatic conveying system &amp; would be stored in Silo and will be disposed to end users for manufacturing of bricks, cement &amp; building material etc. MoU has been signed with M/S Satguru Associates. The reports will be shared to the Regional office once the project commissioned. Noted and will be complied</td>
</tr>
<tr>
<td>xvii</td>
<td>Mercury and other heavy metals (As,Hg,Cr,Pb etc) shall be monitored in the bottom ash. A detailed environmental monitoring program will be implemented during the operational phase of the project.</td>
</tr>
<tr>
<td>xviii</td>
<td>Fly ash shall not be used for agricultural purpose. No mine void filling will be undertaken as an option for ash utilization without adequate lining of mine with suitable media such that no leachate shall take place at any point of time. In case, the option of mine void filling is to be adopted, prior Fly ash and bottom ash would be collected in dry form and stored in the silos and will be disposed to end users for manufacturing cement and bricks. No</td>
</tr>
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**TRIDENT LIMITED**
Hoshangabad Road, Budhni, Distt. Sehore-466445 (M.P.)
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<tr>
<td>xix</td>
<td>Fugitive emission of fly ash (dry or wet) shall be controlled such that no agricultural or non agricultural land is affected. Damage to any land shall be mitigated and suitable compensation provided in consultation with the local panchayat.</td>
</tr>
</tbody>
</table>

In order to control the fugitive emissions from coal handling operations, water sprinkling operations will be adopted at the coal yard to maintain desired moisture content to avoid fugitive dust emissions due to wind-borne dust. In addition to this, wind barricades will be provided, coal will be transported through covered belt conveyors from stock yard to boiler rooms. Suitably designed dust collection systems will be installed at all coal transfer points in the captive co-generation power plant.

Development of Greenbelt around the plant to arrest the fugitive emissions;

Noted and will be complied.

| xx | Green belt consisting of three tiers of plantation of native species around plant and at least 50m width shall be raised. Wherever 50m width is not feasible a 20m width shall be raised and adequate justification shall be submitted to the Ministry. Tree density shall not be less than 2500 per hectare with survival rate not less than 80%.

Green belt with the specified guidelines will be developed.

Noted and will be complied.

| xxi | CSR schemes identified based on need based assessment shall be implemented in consultation with the village Panchayat and the district administration starting from the development of project itself. As part of CSR prior identification of local employable youth and eventual employment in the project after relevant training and separate budget shall be provided.

Trident group has been adopting several CSR activities in the Bhudni area and the same will be continued during the operational phase of the captive power plant.

| xxii | For proper and periodic monitoring of CSR activities, a CSR committee or a social audit committee or a suitable credible external agency shall be appointed. CSR activities shall also be evaluated by an independent external agency. This

Trident Group has already nominated a CSR committee and overseeing the implementation of CSR activities, adopted by the group companies.
<table>
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<th>B</th>
<th>GENERAL CONDITIONS</th>
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<tbody>
<tr>
<td>i</td>
<td>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. Comprehensive water and wastewater management plan will be designed and implemented during the design and operational phase of the project.</td>
</tr>
<tr>
<td>ii</td>
<td>A sewage treatment plant shall be provided (as applicable) and the treated sewage shall be used for raising greenbelt/plantation. A sewage treatment plant shall be provided. Noted and will be complied.</td>
</tr>
<tr>
<td>iii</td>
<td>Adequate safety measures shall be provided in the plant area to check/minimize spontaneous fires in coal yard, especially during summer season. Copy of these measures with full details along with location plant layout shall be submitted to the Ministry as well as to the Regional Officer of Ministry. Apart from Fire protection system of the Industrial complex, dedicated fire protection system of the Power plant and facilities will be provided as per requirements of the Tariff Advisory Committee (TAC) of Insurance Association of India and National Building Codes 2016 norms</td>
</tr>
<tr>
<td>iv</td>
<td>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 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. Noted and will be complied.</td>
</tr>
<tr>
<td>V</td>
<td>First aid and sanitation arrangements shall be made for the drivers and other contract workers during construction phase. Noted and will be complied</td>
</tr>
<tr>
<td>vi</td>
<td>Noise levels emanating from turbines shall be so controlled such that the noise in the work zone shall be limited to 85 db from source. For people working in high noise area, requisite personal protective The specifications for procuring major noise generating machines/equipment will be selected in such a way the</td>
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<td>equipment like earplug/ear muff etc., 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 less noisy areas.</td>
<td>overall noise levels in the plant and also facility boundary will not exceed the stipulated noise standards.</td>
</tr>
<tr>
<td>vii</td>
<td>Regular monitoring of ambient air ground level concentration of SO2, NOx, PM 2.5 and PM10 and Hg shall be carried out in the impact zone and records maintained. If at any stage these levels are found to exceed the prescribed limits, control measures shall be provided 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 Officer of the Ministry. The data shall also be put on the website of the company.</td>
</tr>
<tr>
<td>viii</td>
<td>Provision shall be made for the housing of construction labour (as applicable) within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STPs, safe drinking water, medical health care, creche etc.,. The housing may be in the form of temporary structures to be removed after the completion of the project.</td>
</tr>
<tr>
<td>ix</td>
<td>The project proponent shall advertise in at least 2 local newspaper 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 clearance letter, informing that the project has been accorded environmental clearance and copies of clearance letter is available with SPCB/website of the company.</td>
</tr>
<tr>
<td>X</td>
<td>A copy of the clearance letter shall be sent to the proponent, to concerned Panchayat, Zila Parishad /Municipal Corporation, Urban Local body and local NGO, if any, from whom suggestions / representation, if any, were received while processing the proposal. The clearance letter shall be put on website by the proponent.</td>
</tr>
<tr>
<td>xi</td>
<td>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 Officer of MoEF, the respective zonal officer of CPCB. The criteria pollutant levels namely; SPM, RSPM (PM2.5 and PM10), SO2, NOx shall be displayed at a convenient location near the main gate of the</td>
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<td>company in the public domain</td>
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<tr>
<td>xii</td>
<td>The environmental statement of each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned SPCB 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 the compliance of environment clearance conditions and shall also be sent to the respective Regional Officers of the Ministry by e-mail.</td>
</tr>
<tr>
<td>xiii</td>
<td>The project proponent shall submit 6 monthly reports on the status of the implementation of the stimulated environmental safeguards to the ministry of environment and forests, its regional office, CPCB and SPCB. The project proponent shall upload the status of compliance of the environmental clearance conditions on their website and update the same periodically and simultaneously send the same by email to the regional office, Ministry of Environment and Forests.</td>
</tr>
<tr>
<td>xiv</td>
<td>Regional Office of the Ministry of Environment and forest will 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 time to time shall be forwarded to the regional office for their use during monitoring. Compliance status shall be updated on website by proponent from time to time at least 6 monthly basis. Criteria pollutants levels including NOx, (from stack and ambient air) shall be displayed at the main gate of power plant.</td>
</tr>
<tr>
<td>xv</td>
<td>Separate funds shall be allocated for implementation of environmental protection measures along with item wise break up. These cost shall be included as a part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year wise expenditure should be reported to the ministry.</td>
</tr>
<tr>
<td>xvi</td>
<td>The project authorities shall inform the Regional Office as well as the Ministry regarding the data of the financial closure and final approval of the project by the concerned authorities and the dates of the start of the land development work and commissioning of the plant.</td>
</tr>
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<td>xvii</td>
<td>Full Cooperation shall be extended to the</td>
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<td>No.</td>
<td>Paragraph</td>
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<td>5</td>
<td>The ministry of Environment and Forests reserve the right to revoke the</td>
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<td>clearance of conditions stipulated are not implemented to the satisfaction of the ministry. The ministry may also impose additional environmental conditions or modify the existing ones, if necessary.</td>
</tr>
<tr>
<td>6</td>
<td>The environmental clearance accorded shall be valid for a period of 5 years from the date of issue of this to start date of the plant.</td>
</tr>
<tr>
<td>7</td>
<td>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 provision of Environment (Protection ) Act, 1986.</td>
</tr>
<tr>
<td>8</td>
<td>In case of any deviation or alteration in the project proposal 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 conditions imposed and to add additional environmental protection measures required.</td>
</tr>
<tr>
<td>10</td>
<td>Any Appeal against this environment clearance shall lie with the National Green Tribunal, if preferred within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.</td>
</tr>
</tbody>
</table>
Annexure-1

कार्यालय प्रधान मुख्य वन संस्थापक (वन्यप्राणी) एवं मुख्य वन्यप्राणी अभियंतक म.प्र.
प्रगति भवन, तुर्यीय तल, एम.पी. नगर, जोन-1, भोपाल
भोपाल 0755-2674206, 2674249 फैक्स 0755-2766315 ई-मेल: pccfwl@mpforest.org

क्रमांक / प्रान. / मात्रि. / ट्रिंडेर्ड/ 2056

भोपाल, दिनांक 18-3-2015

प्रति,

प्रबंधक,

ट्राइंडेट कार्यालय समिति,

बुद्धनी, जिला सिहोर, मध्यप्रदेश।

विषय :-

राष्ट्रीय अभ्यर्थक की 10 क्र.म. की परिभाषा में ट्राइंडेट कार्यालय समिति, बुद्धनी, जिला सिहोर की परियोजना के लिये 2X30 मेगावाट कोलो आधारित कृतिव धर्मल पावर फ्लैट के निर्माण की अनुमति के संबंध में।

संदर्भ :-

इस कार्यालय का पत्र क्रमांक / मात्रि. / राष्ट्रीय बोर्ड का 2015/1791 दिनांक 05.03.2015 एवं आपका पत्र क्रमांक / Trident/CPP/SWL/B/2015 दिनांक 06.03.2015

उपरोक्त प्रकाशित हुआ कार्यालय की 10 क्र.म. की परिभाषा में ट्राइंडेट कार्यालय समिति, बुद्धनी, जिला सिहोर की परियोजना के लिये 2X30 मेगावाट कोलो आधारित कृतिव धर्मल पावर फ्लैट 45.93 एकड़ (18.59 हेक्टेयर) मूले में निर्माण की अनुमति के संबंध में मुख्य वन संस्थापक, भोपाल वृत्त के माध्यम से प्राप्त प्रताप हो.म.प्र. राष्ट्रीय वन्यप्राणी बोर्ड की बैठक का दिनांक 08.07.2015 में विचारोपनांतर निम्न निर्देश के अधीन सहमति दी गई थी:-

1. प्रत्यावासुनायर पावर प्लांट से राष्ट्रीय वन्यप्राणी बोर्ड के लिये प्राप्त प्रताप के अनुसार प्राप्त करने की शर्त पर राष्ट्रीय वन्यप्राणी बोर्ड द्वारा प्राप्त करने का अनुमति प्राप्त करने हेतु आगामी कार्यवाही किये जाने की सहमति दी गई।

राष्ट्रीय वन्यप्राणी बोर्ड का दिनांक 21.01.2015 को सम्मान 32वीं बैठक में प्राप्त को कार्यवाही अवसर संदर्भ पत्र से आपको प्रस्तुत किया गया है, का अवलोकन करने का कार्य करे। राष्ट्रीय वन्यप्राणी बोर्ड द्वारा प्रताप पर लिये गये निर्भर अनुसार वन्यप्राणी अभियंतक, म.प्र. की ओर से निम्नानुसार शर्त अधिरोपित की जाती है:-

1. प्रत्यावासी पावर प्लांट की स्थापना से निकलने वाली राष्ट्रीय राष्ट्रीय पावर प्लांट को कोई नुकसान नहीं पहुँचे इस हेतु आवश्यक उपयोग आवेदक संस्था हारा किया जायेगा।

2. आवेदक संस्था यह सुनिश्चित करेगी कि अभ्यार्थक अवधारण वन क्षेत्र को जो शासन इस प्रोजेक्ट में सम्मिलित नहीं है उसका उपयोग निर्माण एवं धर्मल कोलो उद्योग से सामग्री संचारण, परिवहन आदि के उद्देश्य से नहीं करेगी।

3. शासन को जाने वाले धर्मल पावर प्लांट से प्रदूषण हुआ निकलने के लिए चिमनी की निर्माण करने को आवश्यक ज्ञान प्राप्त करते हैं, इस दृष्टि के अनुसार प्राप्त करने के लिए केंद्रीय भवन एवं बुद्धनी के निकट रही हो, कि इसका प्रभाव राष्ट्रीय पावर प्लांट एवं वन्यजीवों पर न पड़ सके। साथ ही इस हेतु उपलब्ध आयुक्तकर्ता तकनीक का उपयोग किया जायेगा, जिसके मुद्दा प्रदूषण नष्ट हो।

TRIDENT LIMITED
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4. आवेदक संरचना या उनके कार्डेक्टर वन्यजीव (संरचना) अधिनियम, 1972 के प्रावधानों का क़ढ़ से पालन करना सुनिश्चित करें।
5. अन्यायार्थ वन क्षेत्र से निर्माण सामग्री जैसे रेत पत्थर निम्नती इत्यादि लेकर निर्माण किया जाने पूर्वागत प्रतिबिंब दर्शावे। समस्त निर्माण सामग्री अन्यायार्थ वन क्षेत्र के बाहर से लायी जाए।
6. निर्माण के दौरान मलबा अन्यायार्थ वन क्षेत्र से बाहर संचालित किया जाए।
7. स्थापित किये जाने वाले प्लांट से नर्मदा नदी में कोई दृष्टिकोण नहीं होने दिया जायेगा। कोई बिना ट्रॉयट्रेंट के नदी/नालों में नहीं झाला जायेगा और न ही उनमें गंगा पानी बहार जायेगा जिससे वन/वन्यप्राणियों/जलस्रोतों को नुकसान हो। इस संबंध में प्रतिमाग बढ़ावे जा वाले पानी की गुणवत्ता की जांच कराकर प्रतिवेदन वर्ष में एक बार इस कार्यलय को प्रस्तुत किया जायेगा।
8. प्लांट में संचालन लोगों को कार्य आरंभ करने के पूर्व ही पथ-क्रम साक्षात्कार रखना है, इस संबंध में जागरूक किया जाये।
9. प्रबंधन में संबंधित वन्याधिकारियों द्वारा कोई शर्त लगायी जाती है तो उसका पालन किया जा न होगा।

उक्त उल्लेखित शर्तों का पूर्ण पालन न होने की स्थिति में यह अनुमति स्वतः ही निरस्त माने जायेंगी तथा आवेदक संरचना अधिकारी उनके अधीनस्थ अधिकारी/कर्मचारी/टेक्नफार्म द्वारा वन्यप्राणी (संरचना) अधिनियम, 1972 के प्रावधानों का उल्लंघन करने पर नियमानुसार कार्यवाही की जायेगी।

(नरेंद्र कुमार)
मुख्य वन्यप्राणी अधिकारी एवं
प्रधान मुख्य वन संरचना (वन्यप्राणी), म.प.
भोपाल, दिनांक 18-3-2015

प्रतिलिपि :-

1. अपर प्रधान मुख्य वन संरचना (मू-प्रबंध) सतपुड़ा भवन, भोपाल, म.प. की ओर सूचनात्मक एवं आवश्यक कार्यान्वयन हेतु अनुशंसित। प्रबंधन में इस कार्यालय से वन्यप्राणी अनावश्यक जारी की जाती है। जब उक्त वन में वन्यप्राणी अवश्यक हो तो उसे (संरचना) अधिनियम, 1980 के अंतर्गत समस्त कार्यालयों पूर्ण ही जाने पर कार्य की अनुमति अपने रूप में जारी करने का अधिकार करें।
2. मुख्य वन संरचना, भोपाल द्वारा की ओर सूचनात्मक एवं आवश्यक कार्यान्वयन हेतु अनुशंसित। प्रस्तावित प्रबंधन में प्लांट तथ्यानुसार किया जाएगा। हेतु समस्त शर्तों के निर्माण का उत्तर दिया जाएगा मुख्य वन्यप्राणी अधिकारी के लिए सत्यापित है, इस हेतु आपको प्रतिपादित किया जाता है। जब उक्त प्रबंधन में वन्यप्राणी अवश्यक हो तो समान वन (संरचना) अधिनियम, 1980 के अंतर्गत समस्त कार्यालयों पूर्ण हो जाने पर कार्य की अनुमति अपर प्रधान मुख्य वन संरचना (मू-प्रबंध) सतपुड़ा भवन, भोपाल, मध्यप्रदेश से प्राप्त करें।

TRIDENT LIMITED
Hoshangabad Road, Bhopal
Distt. Sehore-466445 (M)

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168

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VISION DOCUMENT

2 x 30 MW Captive Power Plant, Trident Ltd

Trident group, one of the leading Textile group in India, has plan to set up 2 x 30 MW captive power plant (CPP) at Budhni Location. The project is intended to generate steam -required for process and electricity to be consumed inhouse. Project cost is approximately INR 377.85 crores.

Project is scheduled to be located within the Trident Limited’s plant premises at Budhni, Distt- Sehore (MP). CPP is planned to use land out of 600 acres available to Trident Limited. Coal will be received by trucks. No additional land will be acquired and hence displacement and rehabilitation of people are not envisaged. The CPP will have multi fuel boiler with state of the art ESP technology to check emission level within permissible limit of 50mg/Nm³. 100 meters high stack will be provided as compare to the 78 meters minimum stack height guidelines suggested by CPCB.

The proposed facility will be adopting dry fly ash handling practices and no ash pond systems are proposed at the project site. Fly ash utilization will be as per MOEF guidelines for the manufacture of cement, bricks & building material etc. MoU has been signed with M/S Satguru Associates.

In order to offset the carbon emission, a solar panels are planned to be set up as per EC guidelines within the factory premises when CPP is made operational.

We are evaluating Boiler technology which is normally designed for low grade fuel. At the low combustion temperature of 800°C / 850°C, no Nitrogen Oxides result from the nitrogen in the combustion air, with the end result of extremely low NOx emissions even with fuels rich in nitrogen.
Apart from Fire protection system of the Industrial complex, dedicated fire protection system of the Power plant and facilities will be provided as per requirements of the Tariff Advisory Committee (TAC) of Insurance Association of India.

A Waste water treatment plant will be designed to treat all the effluents generated from the proposed captive power plant so as to meet the stipulated discharge standards.

The treated wastewater from the proposed dedicated effluent treatment plant will be collected in a Central Monitoring Basin and will be reused within the plant for greenbelt and plantation activities. Due to adoption of various environmental management programs, Trident is having Vision to establish a plant which will be a Cogeneration plant effectively using the heat energy conservation principal and ensuring Insignificant impacts on the environment rather will reduce the carbon emission in comparison to the normal Power plant.
TRIDENT LIMITED
Hoshangabad Road, Budhni,
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