**Form-1**

**Part-B : Information for Scoping (for Category – A/B1) / Appraisal for Category – B2 (including Building & Construction projects under 8 (a)**

|  |  |
| --- | --- |
| **1** | **Introduction of Project or Activity** |
| 1.1 | Need for the project or activity and its importance to the country / region | : | #Free Text# |
| 1.2 | Demand – Supply Gap and Domestic and export markets, if any |  | #Free Text# |
| 1.3 | Social Infrastructure  |  |  |
| 1.3.1 | Readily available |  | #Free Text# |
| 1.3.2 | Proposed to be developed |  | #Free Text# |
| 1.4 | Connectivity to the project or activity |  |  |
| 1.4.1 | Nearest railway station and its distance (in km) |  | #Free Text# + Number |
| 1.4.2 | Nearest Airport and its distance (in km) |  | #Free Text# + Number |
| 1.4.3 | Nearest Town/City/District head quarter and its distance (in km)  |  | #Free Text# + Number |
| 1.5 | Soil classification |  | #Free Text# |
| 1.6 | Distance from the HFL of the river (in m), if any |  | #Number# |
| 1.7 | Benefits of the project |  |  |
| 1.7.1 | Social benefits of project or activity |  | #Free Text# |
| 1.7.2 | Financial benefits of project or activity |  | #Free Text# |
| 1.8 | Project Schedule |  |  |
| 1.8.1 | Likely date of start of construction activity (start of mining operations in case of mining proposals)  |  | #Date# |
| 1.8.2 | Likely date of completion of construction activity (end of mining operations in case of mining proposals) |  | #Date# |
| 2 | **Use of resources for construction or operation of the Project:** |
| S.No | Information/Checklist confirmation | Yes/No | If yes, details thereof |
| 2.1 | Whether requirement of water involved in the project? 1. Source: [Surface, Ground Water, Sea, Recycled, Treated effluent, Others (Specify)]
2. Method of water withdrawal [Barrage, Weir, Intake well, Jackwell, Tube well, Open well Others (Specify)]
3. Mode of Transportation**: [**Pipeline, Canal, tankers, Others (Specify)].
 | Drop Down Icon - Free Download, PNG and Vector | In case of new Proposals2.1.1: Details of Water requirement during Construction stage

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Source [Surface /Ground Water /Sea /Others] | Quantity in KLD | Method of water withdrawal[Barrage / Weir / Intake well / Jackwell / Tube well / Open well / Others (specify)] | Distance from Source (in m) | Mode of Transport[Pipeline /Canal /Others] | Details of permission from the competent authority available, if any |
| Drop Down Drop Down Icon - Free Download, PNG and Vector | Num | Drop Down Drop Down Icon - Free Download, PNG and Vector | Num | Drop Down Drop Down Icon - Free Download, PNG and Vector | Free Text |
|  |  |  |  |  | + Add row |
| * + 1. Details of Water requirement during Operation Stage
 |
| Source [Surface /Ground Water /Sea /Others] | Quantity in KLD | Method of water withdrawal[Barrage / Weir / Intake well / Jackwell / Tube well / Open well / Others (specify)] | Distance from Source (in m) | Mode of Transport[Pipeline /Canal /Others] | Details of permission from the competent authority available, if any |
| Drop Down Drop Down Icon - Free Download, PNG and Vector | Num | Drop Down Drop Down Icon - Free Download, PNG and Vector | Num | Drop Down Drop Down Icon - Free Download, PNG and Vector | Free Text |
|  |  |  |  |  | + Add row |

2.1.3 Other information, if any: Free TextIn case of expansion proposals:2.1.1: Details of Water requirement during Construction Stage

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Source[Surface /Ground Water /Sea /Others] | Quantity in KLD | Method of water withdrawal [Barrage / Weir / Intake well / Jackwell / Tube well / Open well / Others] | Distance from Source (in m) | Mode of Transport [Pipeline /Canal /Others] | Details of permission from the competent authority available, if any |
| Present | With expansion |
| Drop Down Drop Down Icon - Free Download, PNG and Vector | Num | Num | Drop Down Drop Down Icon - Free Download, PNG and Vector | Num | Drop Down Drop Down Icon - Free Download, PNG and Vector | Free Text |
|  |  |  |  |  |  | + Add row |
| 2.1.2 Details of Water requirement during Operation Stage |
| Source[Surface /Ground Water /Sea /Others] | Quantity in KLD | Method of water withdrawal [Barrage / Weir / Intake well / Jackwell / Tube well / Open well / Others] | Distance from Source (in m) | Mode of Transport [Pipeline /Canal /Others] | Details of permission from the competent authority available, if any |
| Present | With expansion |
| Drop Down Drop Down Icon - Free Download, PNG and Vector | Num | Num | Drop Down Drop Down Icon - Free Download, PNG and Vector | Num | Drop Down Drop Down Icon - Free Download, PNG and Vector | Free Text |
|  |  |  |  |  |  | + Add row |

2.1.3. Other information, if any: Free Text |
|  | 2.2 | Whether requirement of Minerals and/or fuels involved in the project? | Drop Down Icon - Free Download, PNG and Vector | 2.2.1. Details thereof:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Name of Minerals/Fuel | Quantity per annum in MT | Source | Mode of transport [Road, Rail, Conveyor Belt, Pipe Conveyor, Arial Ropeway, combination of two or three modes, Others] | Distance from source in km | Details of linkage / supply agreement available, if any |
| Free Text | Num | Free Text | DD | Num | Free Text |
|  |  |  |  |  | + Add row |

2.2.2. Other information, if any: Free Text |
|  | 2.3 | Construction material | Drop Down Icon - Free Download, PNG and Vector |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Construction material | Quantity in MT | Source | Mode of transport | Distance from source in km |
|  | Num | Free Text | DD | Num |
| Stone |  |  |  |  |
| Aggregates |  |  |  |  |
| Sand |  |  |  |  |
| Soil |  |  |  |  |
| Cement |  |  |  |  |
| Steel |  |  |  |  |
| Others |  |  |  | +Add row |

 |
|  | 2.4 | Timber  | Drop Down Icon - Free Download, PNG and Vector | 2.4.1. Quantity of timber required (MT): Num2.4.2. Source of timber: Free Text2.4.3. Other information, if any: Free Text |
|  | 2.5 | Electric Power | Drop Down Icon - Free Download, PNG and Vector | 2.5.1. Total Electricity requirement (MW): Num2.5.2: Main Source: Free Text2.5.3. Renewable energy proposed to install (KW)): Num2.5.4. Percentage contribution of renewable energy: Num2.5.5: Standby arrangements (details of DG Sets): Free Text2.5.6: Stack height in m (DG set): Num2.5.7 Energy conservation measures: Free Text |
|  | 2.6 | Whether any other natural resources / other raw materials required? | Drop Down Icon - Free Download, PNG and Vector |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name of the natural resource | Quantity(use appropriate standard units) | Source | Mode of transport | Distance from source in km |
| Free Text | Num | Free Text | Dropdown | Num |
|  |  |  |  | +Add row |

 |
|  | 2.7 | Whether any use of substances or materials, which are hazardous (as per MSIHC rules) to human health or the environment (flora, fauna, and water supplies) required? | Drop Down Icon - Free Download, PNG and Vector |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name of the substance or material | HS Code | Quantity(use appropriate standard units) | Toxicity LD50(mg/ kg) | Remarks |
| Free Text | Free Text | Num | Num | Free Text |
|  |  |  |  | +Add row |

 |
|  | 2.8 | Whether any resource efficiency / optimization / recycling and reuse envisaged in the project? | Drop Down Icon - Free Download, PNG and Vector | #Free Text# |
| **3** | **Construction, operation or decommissioning of the Project involving actions, which will cause physical changes in the locality:** |
| S.No | Information/Checklist confirmation | Yes / No | If yes, details there of |
| 3.1 | Whether any permanent or temporary change in land use, land cover or topography due to project activity? | Drop Down Icon - Free Download, PNG and Vector | * + 1. Current (Pre-project) land use:

|  |  |  |
| --- | --- | --- |
| Current land use | Area in Ha | Remarks |
| Forest land | Num | Free Text |
| Agriculture land | Num | Free Text |
| Grazing land | Num | Free Text |
| Barren land | Num | Free Text |
| Waste land | Num | Free Text |
| Surface water bodies | Num | Free Text |
| Marshy land | Num | Free Text |
| Mangroves | Num | Free Text |
| Settlements | Num | Free Text |
| Roads / Other infrastructure | Num | Free Text |
| Plantation / Green belt | Num | Free Text |
| Industrial use | Num | Free Text |
| Others | Num | +Add row |
| Total\* | Num |  |

* *The field Total should be the same as the project area which is mentioned in Common Field.*
	+ 1. Proposed/Post-project land use:

|  |  |  |
| --- | --- | --- |
| Description of Activity / Facility / Plant / Others | Land requirement in Ha | Remarks |
| Dropdown | Num | Free Text |
|  |  | + Add row |
| Green belt | Num | Free Text |
| Total | Num |  |

* *The Field Total which are mentioned on Sl. No. 3.1.1 should be equal to Sl. No. 3.1.2*

Eg. Description of Activity: **For Mining proposals**:- Quarry area, external dump, topsoil storage, mineral stock yard, roads, surface infrastructure, ETP or STP, Workshop, others, Green belt; etc.**For Industry Proposals**: Plant area; Workshop and ancillary facilities; Residential area; Green Belt; surface infrastructure, ETP or STP, Workshop, others, etc.* + 1. Proposed/Post-project land use (in case of expansion proposals:

|  |  |  |
| --- | --- | --- |
| Description of Activity / Facility / Plant / Others [Main Plant, Township, Greenbelt, Ash pond, Quarry area, OB dump Area, Safety zone, Tailing pond, Landfill, Water reservoir, De-salination plant, Area for solid waste management, Built-up area, others] | Land requirement in Ha | Remarks |
| Existing  | Proposed Incremental | Total after expansion |
| Dropdown | Num | Num | Num | Free Text |
|  |  |  |  | + Add row |
| Green belt | Num | Num | Num |  |
| Total | Num | Num | Num |  |

 |
| 3.2 | Whether any clearance of existing vegetation due to project activity? | Drop Down Icon - Free Download, PNG and Vector | 3.2.1. No. of Trees: Num3.2.2. Area covered with plantation/ vegetation / greenbelt proposed to be cleared in Ha: Num3.2.3. No. of trees proposed for transplantation. Num3.2.4. Other information, if any: Free Text |
| 3.3 | Whether any loss of native species or genetic diversity? | Drop Down Icon - Free Download, PNG and Vector | 3.3.1. Details on loss of native species or genetic diversity Free Text3.3.2. Other information, if any: Free Text |
| 3.4 | Whether any demolition works involved in project activity? | Drop Down Icon - Free Download, PNG and Vector | 3.4.1. Details of demolition

|  |  |  |  |
| --- | --- | --- | --- |
| Details of structures proposed for demolition | No.s | Built up area in Sq.m | Remarks |
| Free Text | Num | Num | Free Text |
|  |  |  | + Add row |
| Total | Num | Num |  |

 |
| 3.5 | Whether any linear structures proposed for diversion or demolition due to project activity? (e.g. roads, transmission lines, rail line, pipeline, conveyor, etc.) | Drop Down Icon - Free Download, PNG and Vector | 3.5.1.Details of Linear structures proposed for diversion or demolition: Free Text3.5.2.Length of linear structure in m: Num3.5.3. Area covered by linear structure in Ha: Num3.5.4. Other information, if any: Free Text |
| 3.6 | Whether any closure or diversion of existing transport routes or infrastructure due to project leading to changes in traffic movements? | Drop Down Icon - Free Download, PNG and Vector | 3.6.1. Length of the existing transport routes or infrastructure proposed to be closed or diverted in km: Num3.6.2. Alternative arrangement proposed, if any: Free Text3.6.3. Other information, if any: Free Text |
| 3.7 | Whether any closure or diversion of water bodies present in project area or realignment of water courses passing through project area? | Drop Down Icon - Free Download, PNG and Vector | 3.7.1. Details of water body proposed for closure / diversion: Free Text3.7.2. Area of water body proposed for closure / diversion : Num +Unit (m/km)3.7.3. No. of water courses passing through the project area: Num3.7.4.Length of the water course proposed for re-alignment or diversion: Num +Unit (m/km)3.7.5. Other information, if any: Free Text |
| 3.8 | Whether any dismantling or decommissioning or restoration works or reclamation works(Long-term/ short-term)? | Drop Down Icon - Free Download, PNG and Vector | 3.8.1. Details of dismantling/ decommissioning: Free Text3.8.2. Duration of dismantling or decommissioning: YY/MM3.8.3.Details of restoration or reclamation: Free Text3.8.4. Duration of restoration or reclamation: YY/MM3.8.5. Other information, if any: Free Text |
| 3.9 | Whether construction works for temporary use for project activity?(e.g. workshops, sheds, site office, housing of construction workers, etc.) | Drop Down Icon - Free Download, PNG and Vector | 3.9.1: Details of construction

|  |  |  |  |
| --- | --- | --- | --- |
| Details of construction | No.s | Built up area in Sq.m | Remarks |
| Free Text | Num | Num | Free Text |
|  |  |  | + Add row |
| Total |  |  |  |

 |
| 3.10 | Whether any cut and fill excavations proposed for the project activity? | Drop Down Icon - Free Download, PNG and Vector | 3.10.1. Quantity of cutting material in Cu.m: Num3.10.2. Proposed utilization / dispose of cutting material: Free Text3.10.3. Quantity of filling material in Cu.m: Num3.10.4. Source of filling material: Free Text3.10.5. Other information, if any: Free Text |
| 3.11 | Whether any underground works including tunnelling? | Drop Down Icon - Free Download, PNG and Vector | 3.11.1. Length of tunnel in m: Num3.11.2. Quantity of muck likely to be generated in cu.m: Num3.11.3. Mode of disposal of Muck: Free Text3.11.4. Area of reclamation work in ha: Num3.11.5. Mode of reclamation (Physical/Biological): Dropdown3.11.6. Other information, if any: Free Text |
| 3.12 | Whether any dredging involved in project? | Drop Down Icon - Free Download, PNG and Vector | 3.12.1. Area of dredging in ha: Num3.12.2. Quantity of dredging material in cu.m: Num3.12.3. Place of disposal of dredging material: Free Text3.12.4. Other information, if any: Free Text |
| 3.13 | Whether any offshore structures involved in project? | Drop Down Icon - Free Download, PNG and Vector | 3.13.1. No. of offshore structures: Num3.13.2. Built up area in sq.m: Num3.13.3. Other information, if any: Free Text |
| 3.14 | Whether any new road, rail, sea, airports, helipad, etc. during construction or operation? | Drop Down Icon - Free Download, PNG and Vector | 3.14.1. Length of new road in km, if any proposed: Num3.14.2. Length of new rail in km, if any proposed: Num3.14.3. Length of jetty in m, if any proposed: Num3.14.4. Details of airports/ helipad: Free Text3.14.5. Other transport facility, if any: Free Text |
| 3.15 | Whether any construction of new linear structures (e.g. transmission lines, pipelines, etc.) ? | Drop Down Icon - Free Download, PNG and Vector | 3.15.1. Length of transmission line proposed to be diverted: Num +Unit (m/km)3.15.2. Length of pipeline proposed to be diverted: Num + Unit (m/km)3.15.3. Length of new transmission line proposed: Num + Unit (m/km)3.15.4. Length of new pipeline proposed: Num + Unit (m/km)3.15.5. Other information, if any: Free Text |
| 3.16 | Whether any facilities for storage of goods or raw materials? | Drop Down Icon - Free Download, PNG and Vector | 3.16.1. Covered area proposed for storage: Num + Unit (sqm/km)3.16.2. Open area proposed for storage: Num + Unit (sqm/km)3.16.3. Other information, if any: Free Text |
| 3.17 | Whether any facilities for long term/ permanent housing of operational workers/ staff? | Drop Down Icon - Free Download, PNG and Vector | 3.17.1. No. of housing units: Num3.17.2. Total Built up area in sq.m: Num3.17.3. Distance from the project site in km: Num3.17.4. Transport facilities for workers/ staff (Mode, other details): Free Text3.17.5. Other information, if any: Free Text |
| 3.18 | Whether any impoundment, damming, culverting, realignment or other changes to the hydrology of watercourses or aquifers? | Drop Down Icon - Free Download, PNG and Vector | 3.18.1. Length of impoundment in m, if any: Num3.18.2. Length of damming in m, if any: Num3.18.3. Length of culverting in m, if any: Num3.18.4. Length of realignment in m, if any: Num3.18.5. Length of diversion in m, if any: Num3.18.6. Other information, if any: Free Text |
| 3.19 | Whether any stream crossings, temporary and permanent? | Drop Down Icon - Free Download, PNG and Vector | 3.19.1. No. of stream crossings: Num3.19.2 Details thereof:

|  |  |  |  |
| --- | --- | --- | --- |
| Details of stream crossing | Temporary/ Permanent | Length in m | Remarks |
| Free Text | Dropdown | Num | Free Text |
|  |  |  | + Add row |

 |
| 3.20 | Whether any influx of people to an area in either temporarily or permanently? | Drop Down Icon - Free Download, PNG and Vector | 3.20.1. No. of people likely to influx to an area temporarily: Num3.20.2. No. of people likely to influx to an area Permanently: Num3.20.3. Other information, if any: Free Text |
| 3.21 | Whether any other information would like to submit? | Drop Down Icon - Free Download, PNG and Vector | 3.21.1: Details thereof. Free Text |
| **4** | **Release of pollutants to Air and Mitigation measures** |
| S.No | Information/Checklist confirmation | Yes / No | If yes, details thereof |
| 4.1  | Whether any probable air pollutants generated?(Sources: Eg. Boilers; Material handling; Transport of raw material/products; crushing; grinding; screening; DG sets; manufacturing process; demolition; drilling; blasting; excavation; dumping; Others (Specify)) | Drop Down Icon - Free Download, PNG and Vector |

|  |  |  |  |
| --- | --- | --- | --- |
| S.No | Air Pollution Source | Probable Pollutants  | Mitigation measures |
| (i) | Dropdown | # Free Text# | # Free Text# |
|  |  |  |  |
|  |  |  | + Add Rows |

 |
| 4.2 | Other information, if any: |  |  |
| **5** | **Generation of Noise & Vibration and mitigation measures**  |
| S.No | Information/Checklist confirmation | Yes / No | If yes, details thereof |
| 5.1 | Whether any probable generation of Noise and vibration from the proposed project?If No then Sl. No. 5.2 will be hided and continue with Sl. No. 5.3 | Drop Down Icon - Free Download, PNG and Vector | 5.1.1. Sources of Noise: Free Text5.1.2. Sources of Vibration: Free Text5.1.3. Details of blasting, if any: Free Text5.1.4. Other information, if any: Free Text |
| 5.2 | Whether any mitigation measures proposed for Noise and Vibration? | Drop Down Icon - Free Download, PNG and Vector | 5.2.1. Mitigation measures proposed for control of Noise: Free Text5.2.2. Mitigation measures proposed for control of vibration: Free Text5.2.3. Other information, if any: Free Text |
| 5.3 | Whether any probable generation of Light and Heat?If No then Sl. No. 5.4 will be hided and continue with Sl. No. 6 | Drop Down Icon - Free Download, PNG and Vector | 5.3.1. Sources of Light: Free Text5.3.2. Sources of Heat: Free Text5.3.3. Other information, if any: Free Text |
| 5.4 | Whether any mitigation measures proposed for Light and Heat? | Drop Down Icon - Free Download, PNG and Vector | 5.4.1. Mitigation measures proposed for control of Light: Free Text5.4.2. Mitigation measures proposed for control of Heat: Free Text5.4.3. Other information, if any: Free Text |
| **6** | **Discharge of pollutants to water and mitigation measures:** |
|  |
| S.No | Information/Checklist confirmation | Yes / No | If yes, details thereof |
| 6.1 | Whether any probable water pollutants generated?If No then Sl. No. 6.2 will be hided and continue with Sl. No. 6.3 | Drop Down Icon - Free Download, PNG and Vector | 6.1.1.Organic Pollutants: Free Text6.1.2.Inorganic pollutants: Free Text6.1.3.Micro-organism: Free Text6.1.4.Sediments: Free Text6.1.5.Heavy metals: Free Text6.1.6.Others (Specify): Free Text |
| 6.2 | Probable sources of water pollutant | Drop Down Icon - Free Download, PNG and Vector | 6.2.1. Details of sources of water pollution: Free Text6.2.2. Other information, if any: Free Text |
| 6.3 | Details of reuse/recycle of wastewater |  | In case of new projects

|  |  |  |
| --- | --- | --- |
| S.No | Details | Qty/capacity |
| (i) | Quantity of wastewater generation per day (KLD) | #Number# |
| (ii) | Quantity of treated water proposed to use per day (KLD) | #Number# |
| (iii) | Quantity of treated water proposed to discharge outside the premises (KLD) | #Number# |
| (iv) | Purpose for which treated water is proposed to use | # Free Text# |

In case of expansion Projects

|  |  |  |
| --- | --- | --- |
| S.No | Details | Qty/capacity |
| Present | Upon Expansion |
| (i) | Quantity of waste water generation per day (KLD) | #Number# | #Number# |
| (ii) | Quantity of treated water proposed to use per day (KLD) | #Number# | #Number# |
| (iii) | Quantity of treated water proposed to discharge outside the premises (KLD) | #Number# | #Number# |
| (iv) | Purpose for which treated water is proposed to use | # Free Text# | # Free Text# |

 |
| 6.4 | Whether it is proposed to opt/avail common off-site Sewage Treatment Plant (CSTP)/Effluent Treatment Plant (CETP) facility? | Drop Down Icon - Free Download, PNG and Vector | If Yes,

|  |  |  |
| --- | --- | --- |
| **S.No** | **Particulars of CETP/CSTP** | **Details** |
| (i) | Type of treatment plant | Dropdown [CETP/CSTP /Both CETP & CSTP] |
| (ii) | Agency Name | # Free Text# |
| (iii) | Capacity +Unit [KLD/MLD] | # Free Text#+ DD |
| (iv) | Technology | # Free Text# |
| (v) | Present load on facility (excluding of proposed project) | # Free Text# |
| (vi) | Distance from site +Unit [m/ km] | # Free Text# +DD |
| (vii) | Provision for re-use of treated water from the CETP/CSTP | # Free Text# |
| (viii) | MoU with agency | # Free Text# |
|  | +Add multiple table in case of both CETP/CSTP |

 |
| 6.5 | Whether it is proposed to setup on-site Sewage Treatment Plant (STP)/Effluent Treatment Plant (ETP) facility? | Drop Down Icon - Free Download, PNG and Vector | If Yes,In case of new projects

|  |  |  |
| --- | --- | --- |
| S.No | Details | Qty/capacity |
| (i) | Whether 100% of the waste water generated will be treated?  | Yes/NoIf No, reason thereof |
| (ii) | Type of treatment plant | Dropdown [ETP/STP /Both ETP & STP] |
| (iii) | ETP/STP capacity +Unit [KLD/MLD] | #Number#+ DD |
| (iv) | ETP/STP Technology | # Free Text# |
|  | +Add multiple table in case of both ETP/STP |

In case of expansion Projects

|  |  |  |
| --- | --- | --- |
| S.No | Details | Qty/capacity |
| Present | Upon Expansion |
| (i) | Whether 100% of the waste water generated will be treated? | Yes/No | Yes/NoIf No, reason thereof |
| (ii) | Type of treatment plant | Dropdown [ETP/STP /Both ETP & STP] | Dropdown [ETP/STP /Both ETP & STP] |
| (iii) | ETP/STP capacity +Unit [KLD/MLD] | #Number# +DD | #Number# +DD |
| (iv) | ETP/STP Technology | # Free Text# | # Free Text# |
|  | +Add multiple table in case of both ETP/STP |

 |
| 6.6 | Whether the adequacy of the Sewage Treatment Plant (STP) or Effluent Treatment Plant certified by an independent expert? | Drop Down Icon - Free Download, PNG and Vector | 6.6.1 If Yes, Details thereof #Free Text#6.6.1 IF No, Reasons thereof #Free Text# |
| 6.7 | Whether any other mitigation measures proposed? | Drop Down Icon - Free Download, PNG and Vector | 6.7.1 If Yes, Details thereof #Free Text# |
| 6.8 | Whether Dual Plumbing System proposed to be implemented? (eg. one for supplying fresh water for drinking, cooking and bathing etc. and another for supply of treated water for flushing) | Drop Down Icon - Free Download, PNG and Vector | 6.8.1 If Yes, Details thereof #Free Text#6.8.1 If No, Reasons thereof #Free Text# |
| 6.9 | Whether any discharge of treated effluent involved? | Drop Down Icon - Free Download, PNG and Vector | 6.9.1. Mode of discharge of treated effluent #Free Text#6.9.2. Place of discharge of treated effluent: #Free Text#6.9.3. Other information, if any: #Free Text# |
| **7** | **Ground water intersection and water conservation measures** |
| S.No | Information/Checklist confirmation | Yes / No | If yes, details thereof |
| 7.1 | Whether ground water table intersection involved in the project activities?  | Drop Down Icon - Free Download, PNG and Vector | 7.1.1: Details of the Ground Water table #Free Text#7.1.2 Measures to recharge ground water #Free Text#7.1.3: Whether approval obtained for ground water intersection from the competent authority [Yes/No] Dropdown |
| 7.2 | Area category from Groundwater availability perspective? | Drop Down Icon - Free Download, PNG and Vector | 7.2.1. Category: [Safe/semi-critical/Critical/Over exploited] Dropdown |
| 7.3 | Whether Rainwater harvesting proposed? | Drop Down Icon - Free Download, PNG and Vector | 7.3.1. Capacity and description of facilities provided: #Free Text#7.3.2. Total Quantity of water requirements met from water harvesting in KLD #Number#7.3.3 Storage capacity of rainwater harvested in cu m #Number# |
| 7.4 | Whether any other water conservation measures proposed? | Drop Down Icon - Free Download, PNG and Vector | 7.4.1 If Yes, Details thereof #Free Text# |
| 7.5 | Whether the ZLD is proposed? | Drop Down Icon - Free Download, PNG and Vector | 7.5.1. Details of ZLD #Free Text# |
| **8** | **Greenbelt** |
|  | **In case of New Proposals** |
|  | 8.1 | 8.1. Area proposed for green belt (in Ha) #Number#8.2. Width of green belt (in m) along the boundary of the project or activity #Number#8.3. Percentage of the total area covered under green belt #Number#8.4. Details of the species proposed for plantation #Free Text#8.5. No. of tree saplings to be planted #Number#8.6. Funds allocated for plantation in Lakhs #Number# |
|  | **In case of expansion / modernization** |
|  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Description | Existing | Proposed incremental | Total after expansion |
| 8.1 | Area proposed incremental for green belt (in Ha) | #Number# | #Number# | #Number# |
| 8.2 | Width of green belt (in m) along the boundary of the project or activity | #Number# | #Number# | #Number# |
| 8.3 | Percentage of the total area covered under green belt | #Number# | #Number# | #Number# |
| 8.4 | Details of the species proposed for plantation | #Free Text# | #Free Text# | NA |
| 8.5 | No. of tree saplings to be planted | #Number# | #Number# | #Number# |
| 8.6 | Funds allocated for plantation in Lakhs. | #Number# | #Number# | #Number# |

 |
| **9** | **Production of wastes during construction or operation or decommissioning** |
| S.No | Information/Checklist confirmation | Yes / No | If yes, details there of  |
| 9.1 | 'Whether any generation of Solid waste (domestic wastes)? | Drop Down Icon - Free Download, PNG and Vector |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name of the waste | Source | Qty (TPA) | Mode of disposal | Mode of transport |
| #Free Text# | #Free Text# | #Number# | #Free Text# | #Dropdown# |
|  |  |  |  | +Add Row |

 |
| 9.2 | Whether any generation of plastic waste? | Drop Down Icon - Free Download, PNG and Vector |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name of the waste | Source | Qty (TPA) | Mode of disposal | Mode of transport |
| #Free Text# | #Free Text# | #Number# | #Free Text# | #Dropdown# |
|  |  |  |  | +Add Row |

 |
| 9.3 | Whether any generation of e-waste? | Drop Down Icon - Free Download, PNG and Vector |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name of the waste | Source | Qty (TPA) | Mode of disposal | Mode of transport |
| #Free Text# | #Free Text# | #Number# | #Free Text# | #Dropdown# |
|  |  |  |  | +Add Row |

 |
| 9.4 | Whether any generation of batteries waste? | Drop Down Icon - Free Download, PNG and Vector |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name of the waste | Source | Qty (TPA) | Mode of disposal | Mode of transport |
| #Free Text# | #Free Text# | #Number# | #Free Text# | #Dropdown# |
|  |  |  |  | +Add Row |

 |
| 9.5 | Whether any generation of Bio-medical waste? | Drop Down Icon - Free Download, PNG and Vector |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name of the waste | Source | Qty (TPA) | Mode of disposal | Category as per BMWR, 2016 |
| #Free Text# | #Free Text# | #Number# | #Free Text# | #Free Text# |
|  |  |  |  | +Add Row |

 |
| 9.6 | Whether any generation of hazardous wastes (as per Hazardous Waste Management Rules)? | Drop Down Icon - Free Download, PNG and Vector |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name of the waste | Source | Qty (TPA) | Mode of disposal | Mode of transport |
| #Free Text# | #Free Text# | #Number# | #Free Text# | #Dropdown# |
|  |  |  |  | +Add Row |

 |
| 9.7 | Whether any generation of construction or demolition wastes? | Drop Down Icon - Free Download, PNG and Vector |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name of the C&D waste | Source | Qty (TPA) | Mode of disposal | Mode of transport |
| #Free Text# | #Free Text# | #Number# | #Free Text# | #Dropdown# |
|  |  |  |  | +Add Row |

 |
| 9.8 | Whether any generation of other wastes? (e.g. redundant machinery/ equipment/ contaminated soils or other materials, etc.) | Drop Down Icon - Free Download, PNG and Vector |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name of the waste | Source | Qty (TPA) | Mode of disposal | Mode of transport |
| #Free Text# | #Free Text# | #Number# | #Free Text# | #Dropdown# |
|  |  |  |  | +Add Row |

 |
|  | 9.9 | Whether any generation of surplus product? (e.g. low grade unsold minerals, bye-product, etc.) | Drop Down Icon - Free Download, PNG and Vector |

|  |  |  |  |
| --- | --- | --- | --- |
| Name of the surplus product | Quantity (TPA) | Mode of storage | Remark |
| #Free Text# | #Number# | #Free Text# | #Free Text# |
|  |  |  | +Add Row |

 |
|  | 9.10 | Whether measures for waste minimization proposed? | Drop Down Icon - Free Download, PNG and Vector | 9.10.1 If Yes, Details thereof #Free Text# |
| **10** | **Whether any risks associated with project activities which could affect human health or the environment** |
|  | S.No. | Information/Checklist confirmation | Yes / No | If yes, details thereof |
|  | 10.1 | From explosions, spillages, fires etc. from storage, handling, use or production of hazardous substances? | Drop Down Icon - Free Download, PNG and Vector | #Free Text# |
|  | 10.2 | From any other causes? | Drop Down Icon - Free Download, PNG and Vector | #Free Text# |
|  | 10.3 | Could the project be affected by natural disasters causing environmental damage (e.g. floods, earthquakes, landslides, cloudburst etc)? | Drop Down Icon - Free Download, PNG and Vector | #Free Text# |
|  | 10.4 | Changes in occurrence of disease or affect disease vectors (e.g. insect or water borne diseases) | Drop Down Icon - Free Download, PNG and Vector | #Free Text# |
|  | 10.5 | Could project adversely affect the wellbeing of people in project area e.g. by changing living conditions? | Drop Down Icon - Free Download, PNG and Vector | #Free Text# |
|  | 10.6 | Vulnerable groups of people who could be adversely affected by the project e.g. hospital patients, children, the elderly etc. | Drop Down Icon - Free Download, PNG and Vector | #Free Text# |
|  | 10.7 | Risk Management Plan | Drop Down Icon - Free Download, PNG and Vector | #Free Text# |
|  | 10.8 | Whether any likely impacts of the proposed activity on the existing facilities adjacent to the proposed site due to generation of dust, smoke, odorous fumes or other hazardous gases?  | Drop Down Icon - Free Download, PNG and Vector |

|  |  |  |
| --- | --- | --- |
| S.No | Existing adjacent facilities/Resources | Impact |
| 10.8.1 | Agriculture | #Free Text# |
| 10.8.2 | Natural Resources | #Free Text# |
| 10.8.3 | Community facility | #Free Text# |
| 10.8.4 | Others | #Free Text# |
|  |  |  |

 |
| **11** | **Factors which should be considered (such as consequential development) which could lead to environmental effects or the potential for cumulative impacts with other existing or planned activities in the locality** |
|  | S.No | Information/Checklist confirmation | Yes / No | If yes, details there of |
|  | 11.1 | Whether lead to development of supportive facilities, ancillary development or development stimulated by the project which could have impact on the environment e.g.: Supportive infrastructure (roads, power supply, waste or waste water treatment, etc.); housing development; industries in supply chain and downstream; any other? | Drop Down Icon - Free Download, PNG and Vector | #Free Text# |
|  | 11.2 | Whether lead to after-use of the site, which could have an impact on the environment (e.g. mine void, dump sites, etc.)? | Drop Down Icon - Free Download, PNG and Vector | #Free Text# |
|  | 11.3 | Whether set a precedent for later developments? | Drop Down Icon - Free Download, PNG and Vector | #Free Text# |
|  | 11.4 | Have cumulative effects due to proximity to other existing or planned projects with similar effects? | Drop Down Icon - Free Download, PNG and Vector | #Free Text# |
|  | 11.5 | Whether lead to growth of alien species, if any? | Drop Down Icon - Free Download, PNG and Vector | #Free Text# |
|  | 11.6 | Is there any threat of the project to the biodiversity (including displacement of fauna-both terrestrial and aquatic and avi-fauna or creation of barriers for their movement)? | Drop Down Icon - Free Download, PNG and Vector | If yes, Give a description of the local ecosystem with it’s unique features, if any along with mitigation measures for conservation of flora and fauna particularly for schedule-I species #Free Text# |
|  | 11.7 | Will the proposed project in any way result in the obstruction of a view, scenic amenity or landscapes? | Drop Down Icon - Free Download, PNG and Vector | #Free Text# |
|  | 11.8 | Is there any impact on anthropological or archaeological sites or any important site feature in the vicinity of the proposed site have been considered? | Drop Down Icon - Free Download, PNG and Vector | #Free Text# |
|  | 11.9 | Will the proposed project result in any changes to the demographic structure of local population? | Drop Down Icon - Free Download, PNG and Vector | #Free Text# |
|  | 11.10 | Will the project cause adverse effect on local communities, disturbance to sacred sites or other cultural values?  | Drop Down Icon - Free Download, PNG and Vector | Details thereof for proposed safeguard #Free Text# |
|  |  |  |  |  |
| **12.** | Sector Specific details: |
| **A** | **Mining Proposals** |
|  | S.No | Description of Information | : | Details |
|  | 12.1 | Details of Letter of Intent (LoI) / Vesting order / Mining Lease  |  | 12.1.1.Date of issue of LoI/Vesting order/Mining Lease: #Date#12.1.2. Validity of the LoI/Vesting order: #Date#12.1.3. Lease period: #YYMM#12.1.4. Date of expiry of lease: #Date#12.1.5. Lease area (in Ha) as per LoI/Vesting order/Mining Lease: #Num#12.1.6. Production capacity (in MTPA) as per LoI / Vesting Order / Mining lease, if any prescribed: #Num#12.1.7. Details of Lease renewal(s), if any #Free Text#12.1.8. Other information, if any: #Free Text# |
|  | 12.2 | Status of approval of Mining plan | DD | Approved / Application submitted / Application yet to submitted: |
|  | 12.3 | Minerals to be mined | : |  |
|  |  | Name of the Mineral to be mined | Classification of mineral [Major / Minor] | Production capacity in MTPA | Remarks |
|  |  | #Free Text# | DD | #Num# | #Free Text# |
|  |  |  |  |  | +Add Rows |
|  | 12.4 | Total excavation (RoM) including Topsoil, Overburden, Mining waste, Rejects, etc. | : | 12.4.1: Total excavation in MTPA: #Num#12.4.2. Total Excavation in M.Cu.m/Annum: #Num#12.4.3. Stripping Ratio: #Num XX:YY# 12.4.4. Other information, if any: #Free Text# |
|  | 12.5 | Mineral Reserves | : |  |
|  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Name of the Mineral  | Proved Reserves (Million Ton) | Indicated Reserves (Million Ton) | Inferred Reserves(Million Ton) | Mineable Reserves (Million Tonnes) | Remarks |
| #Free Text# | #Num# | #Num# | #Num# | #Num# | #Free Text# |
|  |  |  |  |  | +Add row |

 |
|  | 12.6 | Life of Mine (Years) |  | 12.6.1. Life of the mine as per approved mining plan: #YY/MM#12.6.2. Life of the mine as per total estimated reserves, if any: #YY/MM#12.6.3. Other information, if any: #Free Text# |
|  | 12.7 | Type and method of Mining Method |  | 12.7.1.Type of mining: [Opencast/ Underground / Both] #Dropdown#12.7.2. Method of mining: [Manual / Semi-mechanized / Mechanized] #Dropdown#12.7.3. Other information, if any: #Free Text# |
|  | 12.8  | Type of blasting, if any, to be adopted |  | 12.8.1. Type of blasting: #Free Text#12.8.2. Mitigation measures for control of blast induced vibrations: #Free Text#12.9.3. Other information, if any: #Free Text# |
|  | 12.9 | Whether it is proposed to install beneficiation plant/Coal washery within the mining lease area | Yes/No | If Yes,12.9.1. Capacity of beneficiation / washery (in MTPA) : #Num#12.9.2. Proposed process: Wet/Dry #Dropdown#12.9.3. Beneficiation / washing Technology: #Free Text#12.9.4. Other information, if any: #Free Text# |
|  | 12.10 | Whether it is proposed to install crusher within the mining lease area | Yes/No | If yes,12.10.1. No. Of crushers #Num#12.10.2. Capacity of crushers : #Num# + Unit (TPA/MTPA)12.10.3. Total capacity of crushers: #Num# + Unit (TPA/MTPA) |
|  | 12.11 | Dumping strategy | : |  |
|  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sl. | Description | Area in Ha | Maximum height in m  | Remarks |
| 1 | External dump | #Num# | #Num# | #Free Text# |
| 2 | Internal dump | #Num# | #Num# | #Free Text# |
| 3 | Topsoil dump/ storage | #Num# | #Num# | #Free Text# |

 |
|  | 12.12 | Topsoil management | : | 12.12.1. Total Topsoil excavated during the entire life of the mine (in Million Cubic Meter): #Num#12.12.2. Utilization strategy of topsoil: #Free Text#12.12.3. Other information, if any: #Free Text# |
|  | 12.13 | Details of the Quarry / Mine Pit |  | 12.13.1. Total Quarry Area (ha): #Num#12.13.2. Area of final void (in Hectare): #Num#12.13.3. Maximum Depth of final void (in meter): #Num#12.13.4. Other information, if any: #Free Text# |
|  | 12.14 | Details of Transportation: |  | 12.14.1. Mode of transportation up to pit head: #Free Text#12.14.2. Mode of transportation from pit head to siding/loading #Free Text#12.14.3. Mode of transport from loading point to consumers: #Free Text#12.14.4. Other information, if any: #Free Text# |
|  | 12.15 | Details of reclamation / post mining land use |  | 12.15.1. Plantation area (in Ha): #Num#12.15.2. Water body (in Ha): #Num#12.15.3. Public use (in Ha): #Num#12.15.4. Other uses (in Ha): #Num# |
|  | 12.16 | Details of DSR; Cluster and Replenishment study(In case of the proposal for mining of minor minerals) |  | 12.16.1. Whether approved DSR available: Yes/No #Dropdown#12.16.2. Whether the instant proposal is part of cluster: Yes/No #Dropdown# If Yes,12.16.2.1. Total ML area (in Ha) of the cluster: #Num#12.16.2.2. No. of Mines falling in the cluster: #Num#12.16.2.3. Category of the cluster (A/B1/B2): #Dropdown#12.16.3. Replenishment Study in case of Sand/bajri mining: [Completed / In progress / yet to be started] #Dropdown#12.16.4. Other information, if any: #Free Text# |
|  | 12.17 | Production details for expansion/ modernization proposals  |  | 12.17.1. Year of commencement of mining operations (FY): #YYYY-YYYY#12.17.2. Production details since inception of mine:

|  |  |  |  |
| --- | --- | --- | --- |
| Financial Year | Sanctioned Capacity (MTPA) as per | Actual Production (MTPA) | Excess Production beyond the EC / CTO / Mining Plan Vs. Sanctioned Capacity (MTPA) |
| EC (MTPA) | CTO (MTPA) | Approved Mining Plan  |
| #YYYY-YYYY# | #Num# | #Num# | #Num# | #Num# | #Num# |
|  |  |  |  |  | +Add rows |

 |
|  |  |  |  |  |
| **B.** | **Industry Proposals** [2 (a) Coal washeries; 2(b) Mineral Beneficiation, Plants; 3(a) Metallurgical industries (ferrous & Non -ferrous); 3(b) Cement Plants; 4(b) Coke oven plants; 4(c) Asbestos milling and asbestos based products; 4(f) Leather/skin/hide processing industry; 5(i) Pulp & paper industry]Chlor alkali Industry, Soda ash Industry, Chemical Fertilizers, Pesticides, Synthetic Organic Chemicals, Integrated Paint Industry |
|  | 12.1 | Configuration of the plant / activity |  |
|  | 1. In case of new proposals

|  |  |  |
| --- | --- | --- |
| Plant / Equipment / Facility | Configuration  | Remarks if any |
| #Free Text# | #Free Text# | #Free Text# |
|  |  |  |

1. In case of expansion/modernization proposals

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Plant / Equipment / Facility | Existing Configuration | Proposed Configuration | Final configuration after expansion | Remarks if any |
| #Free Text# | #Free Text# | #Free Text# | #Free Text# | #Free Text# |
|  |  |  |  |  |

 |
|  | 12.2 | Information in respect of Integrated steel plants (in case of Schedule No. 3 (a), sub activity id 30 for Integrated steel plants) |  | 12.2.1. Details of adoption of Best Available Technology, if any: #Free Text#12.2.2. Coke Quenching [Dry/Wet/ Others]: #Dropdown#12.2.3. Waste heat recovery system for blast furnace: #Free Text#12.2.4. Waste heat recovery for sinter plant: #Free Text#12.2.5. Details of slag utilization: #Free Text#12.2.6. Details of Metal recovery: #Free Text# |
|  | 12.3 | Information in respect of Secondary metallurgical units (in case of Schedule No. 3 (a), sub activity id 36, 37, 38, 39, 40, 41) |  | 12.3.1. Slag utilization: #Free Text#12.3.2. Details of jigging and briquetting plant for Ferro Alloy section: #Free Text#12.3.3. Acid fume control and acid recovery system for cold rolling mills: #Free Text#12.3.4. Details of Metal recovery: #Free Text# |
|  | 12.4 | Information in respect of Cement plant (in case of Schedule No. 3 (b), sub activity id 42, 43, 44) |  | 12.4.1.Waste Heat Recovery System #Free Text#12.4.2.Coprocessing of the Hazardous Waste (HW) #Free Text# |
|  | 12.5 | Information in respect of smelters and refinery (in case of Schedule No. 3(a), sub activity id 33 Nonferrous smelting/ refining) |  | 12.5.1.Fluoride consumption and emission #Free Text#12.5.2.Utilization of Spent Pot Lining waste #Free Text#12.5.3.Red Mud handling #Free Text#12.5.4.Red mud slag management #Free Text# |
|  | 12.6 | Information in respect of Asbestos milling / Asbestos based products (in case of Schedule No. 4 (c)) |  | * + 1. Monitoring of Asbestos fibre in ambient Air and Work place #Free Text#
		2. Occupational Health and Safety hazards #Free Text#
		3. Action plan for handling to Asbestos #Free Text#
 |
|  | 12.7 | Information in respect of Pulp and Paper Manufacturing (in case of Schedule No. 5 (i), sub activity id 91, 92, 93, 94, 95, 96) |  | * + 1. Elemental Chlorine Free #Free Text#
		2. Odor control Techniques #Free Text#
		3. Hazardous waste Management #Free Text#
		4. Reduction of water consumption per ton of paper production. #Free Text#
 |
|  | 12.8 | Information in respect of Leather, skin and hide processing industry (in case of Schedule No. 4 (f), sub activity id 53, 54, 55, 56) |  | * + 1. Hazardous waste management #Free Text#
		2. Odor control measures #Free Text#
 |
|  | 12.9 | Information in respect of chemical industries (in case of Schedule No. 4 (d), 5 (a), 5 (b), 5 (c), 5 (e), 5(f), 5 (g) 5 (ga), 5 (j), sub activity id 49, 50, 51, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 69, 71, 72,73,74,75,76,77,78,79,80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 97) |  | 12.9.1. Odor control measures #Free Text#12.9.2. Membership in CETP #Free Text#12.9.3. Nearest operational TSDF details #Free Text#12.9.4. Membership in TSDF #Free Text# |
|  |  |  |  |  |
| **C** | **Airport Proposals**  |  |  |
|  | 12.1 | Project configuration | : | 12.1.1. Project components: #Free Text#12.1.2. Passenger capacity: #Number#12.1.3. Aircraft compatibility: #Free Text#12.1.4. Total built-up area in sqm: #Number#12.1.5. Any other details: #Free Text# |
|  | 12.2 | Details of nearest airport  | : | #Free Text# |
|  | 12.3 | Details of nearby habitation | : | #Free Text# |
|  | 12.4 | Details of connectivity to the proposed project | : | #Free Text# |
|  | 12.5 | Parking provision | : | #Free Text# |
|  |  |  |  |  |
| **D** | **TSDF Proposals** |  |  |
|  | 12.1 | Project configuration | : | 12.1.1 Project components: #Free Text#12.1.2.Any other details: #Free Text# |
|  | 12.2 | Nearest operational TSDF details | : | #Free Text# |
|  | 12.3 | Adherence to CPCB site selection criteria  | : | #Free Text# |
|  | 12.4 | Details of wastes to be handled | : | #Free Text# |
|  | 12.5 | Details of member units | : | #Free Text# |
|  | 12.6 | Mode of transportation of wastes to TSDF | : | #Free Text# |
|  | 12.7 | Land area distribution for proposed activities in Ha | : | #Number# |
|  |  |  |  |  |
| **E** | **CBWTF Proposals** |  |  |
|  | 12.1 | Project configuration | : | Project components: #Free Text#Any other details: #Free Text# |
|  | 12.2 | Nearest operational CBWTF details | : | #Free Text# |
|  | 12.3 | Details of wastes to be handled | : | #Free Text# |
|  | 12.4 | Details of member units | : | #Free Text# |
|  | 12.5 | Mode of transportation of wastes to CBWTF | : | #Free Text# |
|  | 12.6 | Land area distribution for proposed activities in Ha | : | #Number# |
|  |  |  |  |  |
| **G** | **CETP Proposals** |  |  |
|  | 12.1 | Project configuration | : | 12.1.1 Project components: #Free Text#12.1.2 Any other details: #Free Text# |
|  | 12.2 | Nearest operational CETP details | : | #Free Text# |
|  | 12.3 | Details of wastes to be handled | : | #Free Text# |
|  | 12.4 | Details of member units | : | #Free Text# |
|  | 12.5 | Mode of transportation of effluent to CETP  | : | #Free Text# |
|  | 12.6 | Land area distribution for proposed activities in Ha | : | #Number# |
|  |  |  |  |  |
| **H** | **CMSWMF Proposals** |  |  |
|  | 12.1 | Project configuration | : | 12.1.1 Project components: #Free Text#12.1.2 Any other details: #Free Text# |
|  | 12.2 | Nearest operational CMSWMF details | : | #Free Text# |
|  | 12.3 | Details of existing dumpsite (if any) | : | #Free Text# |
|  | 12.4 | Adherence to CPCB site selection criteria  | : | #Free Text# |
|  | 12.5 | Details of wastes to be handled | : | #Free Text# |
|  | 12.6 | Details of member units | : | #Free Text# |
|  | 12.7 | Mode of transportation of wastes to CMSWMF | : | #Free Text# |
|  | 12.8 | Land area distribution for proposed activities in Ha | : | #Number# |
|  |  |  |  |  |
| **I** | **Building or Construction projects or Area Development projects and Townships Proposals** |
|  | 12.1 | Major Project Requirement in terms of the land area, built up area, green belt, parking needs etc. |  | In case of new projects

|  |  |  |
| --- | --- | --- |
| S. No | Project requirement details | Details |
| 12.1.1 | Total Land/plot area (sq m) | #Number# |
| 12.1.2 | Build up area (sq m) | #Number# |
| 12.1.3 | Maximum number of floors | #Number# |
| 12.1.4 | Total number of dwelling units  | #Number# |
| 12.1.5 | Proposed FAR | #Number# |
| 12.1.6 | Surface Parking Area (sq. m) | #Number# |
| 12.1.7 | Number of parking Required | #Number# |
| 12.1.8 | Open Area (sq m) | #Number# |
| 12.1.9 | Paved area (sq m) | #Number# |
| 12.1.10 | Unpaved Area(sq m) | #Number# |
| 12.1.11 | Green belt area (sq m) | #Number# |
| 12.1.12 | STP & Solid Waste Area (sqm) | #Number# |
| 12.1.13 | Others (Please Specify in sq m) Free Text + #Number# | +Add rows |

In case of expansion proposals

|  |  |  |  |
| --- | --- | --- | --- |
| S. No | Project requirement details | Existing | Upon Expansion |
| 12.1.1 | Total Land/plot area (sq m) | #Number# | #Number# |
| 12.1.2 | Build up area (sq m) | #Number# | #Number# |
| 12.1.3 | Maximum number of floors | #Number# | #Number# |
| 12.1.4 | Total number of dwelling units  | #Number# | #Number# |
| 12.1.5 | Proposed FAR | #Number# | #Number# |
| 12.1.6 | Surface Parking Area (sq. m) | #Number# | #Number# |
| 12.1.7 | Number of parking Required  | #Number# | #Number# |
| 12.1.8 | Open Area (sq m) | #Number# | #Number# |
| 12.1.9 | Paved area (sq m) | #Number# | #Number# |
| 12.1.10 | Unpaved Area(sq m) | #Number# | #Number# |
| 12.1.11 | Green belt area (sq m) | #Number# | #Number# |
| 12.1.12 | STP & Solid Waste Area (sq m) | #Number# | #Number# |
| 12.1.13 | Others (Please Specify in sq m) Free Text + #Number# |  | +Add rows |

 |
|  | 12.2 | Whether management of drainage in and around site is proposed as per the Central Public Health & Environmental Engineering Organization (CPHEEO) Manual on Storm Water Drainage Systems, 2019 to avoid flooding or water logging? [Yes/No] | Drop Down Icon - Free Download, PNG and Vector | Drop DownDrop Down Icon - Free Download, PNG and Vector |
| If Yes, Details thereof |  | #Free Text# |
|  | If No, Reasons thereof |  | #Free Text# |
| 12.3 | Details regarding measures are taken to prevent the run-off from construction activities polluting land & aquifers? (Give details of quantities and the measures taken to avoid the adverse impacts) |  | #Free Text# |
| 12.4 | Impact of the land use changes occurring due to the proposed project on the runoff characteristics of the area in post construction phase on a long term |  | #Free Text# |
|  | 12.5 | Will there be any significant land disturbance resulting in erosion, subsidence and instability? [Yes/No] | Drop Down Icon - Free Download, PNG and Vector | Drop DownDrop Down Icon - Free Download, PNG and Vector |
|  |  | If Yes, |  |

|  |  |  |
| --- | --- | --- |
| S.No | Parameters | Details |
| 12.5.1 | Soil type | #Free Text# |
| 12.5.2 | Slope analysis | #Free Text# |
| 12.5.3 | Vulnerability to subsidence | #Free Text# |
| 12.5.4 | Seismicity | #Free Text# |
| 12.5.5 | Others | #Free Text# |

 |
| If No, Reasons thereof |  | #Free Text# |
|  | 12.6 | Whether soil erosion control measures proposed to conform to best management practices highlighted in the National Building Code (NBC) of India, 2016? [Yes/No] | Drop Down Icon - Free Download, PNG and Vector | Drop Down |
| If Yes, details of control of soil erosion measures  |  | #Free Text# |
| If No, Reasons thereof |  | #Free Text# |
|  | 12.7 | Breakup of water requirement for various daily uses |  | In case of new proposals

|  |  |  |
| --- | --- | --- |
| S.No | Daily use | Daily quantity (KLD) |
| During Construction | During Operation |
| (i) | Drinking Water | #Number# | #Number# |
| (ii) | Greenbelt | #Number# | #Number# |
| (iii) | Flushing | #Number# | #Number# |
| (iv) | Dust suppression | #Number# | #Number# |
| (v) | Others (Please Specify) |  | + Add rows |

In case of expansion proposals

|  |  |  |
| --- | --- | --- |
| S.No | Daily use | Daily quantity (KLD) |
| Present | Upon Expansion |
| (i) | Drinking Water | #Number# | #Number# |
| (ii) | Greenbelt | #Number# | #Number# |
| (iii) | Flushing | #Number# | #Number# |
| (iv) | Dust suppression | #Number# | #Number# |
| (v) | Others (Please Specify) |  | + Add rows |

 |
|  | 12.8 | Details of traffic management at the entry & exit to the project site in construction and operation phase with comparison to the present level of traffic |  | # Free Text# |
|  | 12.9 | Whether buildings or building complexes have a connected load of 100 kW or greater or a contract demand of 120 kVA or greater and are intended to be used for commercial purposes. [Yes/No] | Drop Down Icon - Free Download, PNG and Vector | Drop Down |
|  | 12.10 | What is the Energy Performance Index (EPI) of a building in kilowatt-hours per square meter per year of the building and measures to minimize energy consumption? |  | #Free Text# |
|  | 12.11 | Whether Compliance to the ECBC norms is applicable? [Yes/No] | Drop Down Icon - Free Download, PNG and Vector | If Yes, Whether compliance to [ECBC/ ECBC+/ Super ECBC] # Dropdown#If No reason thereof #Free Text# |
|  | 12.12 | Details for Energy efficiency level |  |  |
| 12.12.1 | Building envelope |  |

|  |
| --- |
| 12.12.1.1 Fenestration  |
|  | Sl. | Parameter | Details | Remarks |
|  | i | U-Factor (W/m2 .K) | #Free Text# | #Free Text# |
| ii | Solar Heat Gain Coefficient | #Free Text# |
| iii | Visual Light Transmittance | #Free Text# |
| 12.12.1.2 Day lighting |
|  | i | % Useful daylight illuminance (UDI)  | #Number# | #Free Text# |
|  | ii | Area per floor (sq m) UDI requirement during 90% of the year | #Number# |
|  | iii | Total daylight area (sq m) in building meeting UDI requirement during 90% of the year | #Number# |
| 12.12.1.3 Building Envelope Sealing |  |  |
| 12.12.1.3.1 Roof |
|  | **i** | Roof assembly U-factor(W/m2 .K) | #Number# | #Free Text# |
| **ii** | Climate Zone | #Free Text# |
| 12.12.1.3.2External Wall |
|  | **i** | Opaque Assembly Maximum U-factor (W/m2 .K) | #Number# | #Free Text# |
|  | **ii** | Climate Zone | #Number# | #Free Text# |
|  | **iii** | Material | #Number# | #Free Text# |
|  | **iv** | R value | #Number# | #Free Text# |

 |
| 12.12.2 | Energy efficiency in Thermal comfort systems and controls |  | # Free Text# |
| 12.12.3 | Energy efficiency in Lighting and Electrical systems and controls |  | # Free Text# |
|  | 12.13 | Does the layout of streets & buildings maximize the potential for solar energy devices? Substantiate with details. | Drop Down Icon - Free Download, PNG and Vector | # Free Text# |
|  | 12.14 | What extent the non-conventional energy technologies are utilized in the overall energy consumption? Provide details of the renewable energy technologies used |  | # Free Text# |
|  | 12.15 | What are the likely effects of the building activity in altering the microclimates? Provide a self-assessment on the likely impacts of the proposed construction on creation of heat island & inversion effects? |  | # Free Text# |
|  | 12.16 | What precautions & safety measures are proposed against fire hazards? Furnish details of emergency plans |  | # Free Text# |
|  | 12.17 | Details of NOCs available for the project (if any) |  | # Free Text# |
| **K** | **River Valley Project** |  |  |
|  | 12.1 | River Valley Project [Hydroelectric Project/Irrigation Project/Multipurpose project] | DD | In the case of Multipurpose project all the fields will be enabled |
|  | 12.2 | Whether project involves construction of [Dam/Barrage/Weir] | DD |  |
|  | 12.3 | Name of the River (source) |  | #Free Text# |
|  |  | In Case of Irrigation Project |
|  | 12.4 | Project configuration and capacity for irrigation project |  |

|  |  |  |
| --- | --- | --- |
| Plant / Equipment / Facility | Configuration  | Remarks if any |
| 12.4.1 | Type of Dam | #Free Text# | #Free Text# |
| 12.4.2 | Dam height from the deepest foundation level (m) | #Num# | #Free Text# |
| 12.4.3 | Length of the Dam (m) | #Num# | #Free Text# |
| 12.4.4 | Maximum Height of the Embankment (m) | #Num# | #Free Text# |
| 12.4.5 | Type of Spillways | #Free Text# | #Free Text# |
| 12.4.6 | No. of Spillways | #Num# | #Free Text# |
| 12.4.7 | Length of Main Canal (in m) (for Irrigation project) | #Num# | #Free Text# |
| 12.4.8 | Length of Distributaries (in m) (for Irrigation project) | #Num# | #Free Text# |
| 12.4.9 | Other | #Free Text# | #Free Text# |
| 12.4.10 **Capacity & other details** |
| 12.4.10.1 | Cultural Command Area (ha)  | #Num# |
| 12.4.10.2 | Irrigable Command Area (ha) | #Num# |
| 12.4.10.3 | Type of Irrigation | #Free Text# |
| 12.4.10.4 | Type of Irrigation (Flood/Drip) | #Dropdown# |
| 12.4.10.5 Total number of village to be benefitted in the district |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| S.No | State | District | Village | Area benefitted in Ha  |
|  | #Dropdown# | #Dropdown# | #Num# | #Num# |
|  |  |  |  | +Add Rows |
|  |  |  |  |  |

 |
| 12.4.11 Cropping pattern |
|

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| S.No | Crop | Existing Area (ha) | Existing Productivity (tonnes/ha) | Proposed Area(ha) | Proposed Productivity | Total Production |
|  | #Free Text# | #Num# | #Num# | #Num# | #Num# | #Num# |
|  |  |  |  |  |  | +Add Rows |
|  |  |  |  |  |  |  |

 |

 |
|  |  | **In Case of Hydroelectric Project** |
|  | 12.4 | Project configuration & capacity for HEP |  |

|  |  |  |
| --- | --- | --- |
| Plant / Equipment / Facility | Configuration  | Remarks if any |
| 12.4.1 | Type of Dam | #Free Text# | #Free Text# |
| 12.4.2 | Dam height from the deepest foundation level (m) | #Num# | #Free Text# |
| 12.4.3 | Length of the Dam (m) | #Num# | #Free Text# |
| 12.4.4 | Maximum Height of the Embankment (m) | #Num# | #Free Text# |
| 12.4.5 | Type of Spillways | #Free Text# | #Free Text# |
| 12.4.6 | No. of Spillways | #Num# | #Free Text# |
| 12.4.7 | Head Race Tunnel (HRT) (diameter) | #Num# | #Free Text# |
| 12.4.8 | Head Race Tunnel (HRT) (length (m)) | #Num# | #Free Text# |
| 12.4.9 | Surge shaft (diameter (m)) | #Num# | #Free Text# |
| 12.4.10 | Surge shaft (height (m)) | #Num# | #Free Text# |
| 12.4.11 | Pressure Shaft (Nos)& Penstock  | #Free Text# | #Free Text# |
| 12.4.12 | Power House1. No. of Turbine Generating unit (MW)
2. Capacity of each turbine (MW)
3. Size of the Power House Cavern (m) (L\*W\*H)
 | #Num# | #Free Text# |
| 12.4.13 | Tail Race Tunnel (TRT) (diameter) | #Num# | #Free Text# |
| 12.4.14 | Tail Race Tunnel (TRT) (length) | #Num# | #Free Text# |
| 12.4.15 | Total design discharge (Cumec)  | #Num# | #Free Text# |
| 12.4.16 | Others | #Free Text# |  |
| **12.4.17 Capacity** |
| 12.4.17.1 Installed Capacity (MW) | #Num# |

 |
|  | 12.5 | Catchment Area (ha) |  | #Num# |
|  | 12.6 | Average rainfall (mm) |  | #Num# |
|  | 12.7 | Water availability (MCM) (approx.) |  | #Num# |
|  | 12.8 | Submergence Area (ha), if any |  |

|  |  |  |
| --- | --- | --- |
|  | Area submerged(eg. Forest land, Agriculture land, Protected area, etc) | Area (Ha) |
|  | #Free Text# | #Num# |
|  |  | +Add Rows |
|  |  |  |

 |
|  | 12.9 | Muck Restoration Plan  |  | #Free text – 100 Words# |
|  | 12.10 | Presence of Schedule I species within the study area |  | # Free text – 100 Words # |
|  | 12.11 | Brief on E flow  |  | # Free text – 100 Words # |
|  | 12.12 | Provision of fish pass envisaged | DD | Yes/No |
|  |  |  |  | If No, reasons thereof #Free Text# |
| **13** | **Enclosures** |
|  | 13.1 | Upload copy of conceptual plan (in case of Building & Construction projects) |  | Upload Free Icon | Upload file, ios 7 interface symbol |
|  | 13.2 | Upload copy of District Survey Report (in case of B2 category projects for mining of minor minerals only) |  | Upload Free Icon | Upload file, ios 7 interface symbol |
|  | 13.3 | Upload copy of Replenishment Study Report (in case of B2 category projects for river sand mining proposals only) |  | URL of the site where it available / Upload Free Icon | Upload file, ios 7 interface symbol |
|  | 13.4 | Letter of Intent / Mining Lease (in case of Mining Proposals) |  | URL of the site where it is available /Upload Free Icon | Upload file, ios 7 interface symbol |
|  | 13.5 | Upload Copy of EMP Report (in case of B2 category including Building and Construction projects under 8 (a)) | : | Upload Free Icon | Upload file, ios 7 interface symbol |
|  | 13.6 | Layout Plan showing the components of the project and green belt proposed; general location and specific location of the project along with coordinates | : | UploadFree Icon | Upload file, ios 7 interface symbol |
|  | 13.7 | Schematic representation of the feasibility drawings which give information for EIA purpose (e.g. process flow chart; material balance; water balance; etc.) | : | Upload Free Icon | Upload file, ios 7 interface symbol |
|  | 13.8 | Upload Additional File, if any (*pdf only*) |  |  Upload Free Icon | Upload file, ios 7 interface symbol+Add Rows |
| **14** | **Undertaking** |
|  |  I hereby give undertaking that the data and information given in the application and enclosures are true to be best of my knowledge and belief and I am aware that if any part of the data and information found to be false or misleading at any stage, the project will be rejected and clearance given if any to the project will be revoked at our risk and cost. In addition to above, I hereby give undertaking that no activity such as change in project layout, construction, expansion, etc. has been taken up. |  | #Check Box# |
|  | 14.1 | Name | : | KYC |
|  | 14.2 | Designation | : | KYC |
|  | 14.3 | Company | : | KYC |
|  | 14.4 | Address | : | KYC |
|  | 14.5 | AADHAR Based e-Signature | : | eSign |
|  | 14.6 | Date | : | #System Generated# |

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