**PROJECT TECHNICAL PROFILE**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  |  |

**Ref. No.: Submission Date: / /**

|  |
| --- |
| **MATERIAL – IMPORT/ EXPORT STORAGE AND TRANSPORTATION** |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Details** | **Type of Materials**  **( specify)** | **Volume**  **( tons/d or cum/d)** | **Methods of Storage** | **Traffic volume expected per day** | **\* Mode of Transportation** |
| **Raw Material**  **(Export)** |  |  |  |  |  |
| **Product**  **(Export)** |  |  |  |  |  |

* **Mode of Transportation**

Airfreight \_\_\_\_\_\_\_\_\_\_%

Sea freight \_\_\_\_\_\_\_\_%

Road freight \_\_\_\_\_\_\_%

|  |
| --- |
| **PRDUCTION SCHEDULE** |
| **Max Attainable Annual Production Capacity per 8hrs.shift:** |
| **Manufacturing/Assembly/Processing and Machinery Required** |
| * + 1. Explain with the aid of a flow chart the proposed Manufacturing Process.     2. Simple sketch of industrial building to the dimensions to accommodate machineries/ plants as per one above. |

* Treatment and disposal industrial sewage in the responsibility of investor and according to the Rules and Regulations of MECA (Ministry of Environment and Climate Affairs).

**LAND AND UTILITIES DEMAND**

|  |  |  |
| --- | --- | --- |
| **Investor’s requirements** | **Quantity** | **Remarks** |
| Land Demand |  |  |
| Power Demand (peak demand) |  |  |
| Water Demand m3/day |  |  |
| Natural Gas Demand / day |  |  |
| Treated Water |  |  |
| Telecom Lines (Land and Internet|) |  |  |
| Domestic Sewage |  |  |
| Industrial Sewage |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **GENERAL ENVIRONMENTAL HEALTH AND SAFETY INFORMATION** | **YES** | **NO** |
| 1 | Does your project have any anticipated Environment, Health or Safety concerns? |  |  |
| 2 | Does your project involve any manufacturing/assembly/service/repair operations? |  |  |
| 3 | Does your project involve any import export/storage of any type of chemical/gases radioactive material? |  |  |
| 4 | Does your project involve storage of any highly combustible or flammable items (paper, pulp, perfumes, oils/ lubricants, garments, cotton etc.) in the leased premises?  To assess this requirement in details, please specify all material intended for storage in the application form |  |  |
| 5 | Will there be generation of any industrial/trade wastes from your operations? |  |  |
| 6 | Will there be any requirement for drainage inside the warehouse building with holding tank? |  |  |
| 7 | Will there be any requirement for electricity, fuel (oil/gas) utilization for the project? |  |  |
| 8 | Will there be any requirement for industrial processes/cooling/wash waters? |  |  |
| 9 | Will there be any requirement of direct berth access? |  |  |
| 10 | Is there any planned for project. If yes, please provide detail. |  |  |
| 11 | Is there any chimney planned for project. If yes please provide detail |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **ENVIRONMENT HEALTH AND SAFTY** | | | |
| Requirements for Production Processes/Services | | | |
| No | Requirements | **YES** | **NO** |
| 1 | Process Description |  |  |
| 2 | Process Hazzard Identification |  |  |
| 3 | Machinery Layout |  |  |
| 4 | Recycling Plan |  |  |

Period of Operations: Seasonal Shift Business Hours

Available Details of Chemicals, Fuels

Scientific and Commercial Names, Types, Quantities, Chemical Composition, Sources of Raw Materials or Energy Consumed and Attached Material Safety

Data Sheet)

Yes (If Yes Enclose a Plan)

No

Available details of methods of transportation, handling and storage of chemicals, fuel and final products

Yes (If Yes Enclose a Plan)

No

|  |
| --- |
| **SOLID NON-HAZARDOUS WASTE/HAZARDOUS WASTE (DURING CONSTRUCTION AND OPERATION PHASE)** |

|  |  |  |  |
| --- | --- | --- | --- |
| Source and Nature | Quantities | Methods of Treatment/Control | Final Disposal Site/Method |
|  |  |  |  |

|  |
| --- |
| **WASTE WATER, DRAINAGE AND SURFACE RUN OFF (DURING CONSTRUCTION AND OPERATION)** |

|  |  |  |  |
| --- | --- | --- | --- |
| Source and Nature/ Desalinated water  (Sea/ Well) | Volumes | Methods of Treatment/Control | Final Disposal Site/Method |
|  |  |  |  |
|  |  |  |  |

|  |
| --- |
| **EXPECTED IMPACTS ON AIR QUALITY (DURING CONSTRUCTION AND OPERATION PHASE)** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Source and Nature of air emissions | Quantities | Methods of Treatment/Control | Final discharge (Indicate proposed physical stack height and location) | Monitoring/Modeling of Air |
|  |  |  |  |  |

Identify and quantify noise and vibration sources:

a. Public Environment (Outdoors)

b. Working Environment (Indoors)

|  |  |
| --- | --- |
| **ENVIRONMENTAL IMPACTS (DESCRIBE BRIEFLY)** | |
| 1. Expected impact on people, building and man-made structure: |  |
| 1. Expected impact on plants, animals:(loss or damage to habitats or trees ,and other plants and animals species including marine) |  |
| 1. Expected impacts on land :( topography, soil or beach erosion, land use, natural drainage, etc.) |  |

List all other Environmental Permits or Licenses held by the investor for the same location and/or related operations:



**Notes and Guidelines:**

* For starting construction activity, Investor shall obtain necessary permits from SFZ.
* Investor shall submit EIA (Environmental Impact Assessment) report if SFZ ask for.
* If chemicals/ oils/ perfumes are planned for trade/ storage/ processing, Material Safety Data Sheets of the same should be attached/ furnished along with maximum quantities of storage/ use at any given time. No local/ international controlled/ prohibited chemicals (as per issued list from time to time) shall be dealt with specific approval from QHSSE Directorate.
* No chemicals/ oils/ dangerous/ hazardous goods etc. (As determined by QHSSE Directorate) shall be traded/ stored/ handled at the premises without specific approval from QHSSE Directorate.
* Storage configurations and manufacturing operations within the premises shall follow the QHSSE Directorate. requirements and the premises should be kept clean. Installation of racking/ machines etc. (If any) shall warrant QHSSE Directorate approval and no outside (rear of pre-built warehouse) storage is permitted.
* Special fire protection/detection and QHSSE measures may be need to be incorporated based on type and quantities of materials stored/ type of operations and will further assessed during the operational stage of the project. In the same regard, please note that the storage of tires, perfumes, paper/ pulp products etc. and certain operations may necessitate installation of automatic sprinkler systems at the client’s costs.

|  |
| --- |
| **DECLARATION** |

I / We hereby declare that to the best of my / our knowledge and belief that all the particulars furnished in this Project’s Technical Profile are true and accurate. I / We understand that if any information given here above is found incorrect that it will affect the License. Application and the License Renewal. I / We further agree to abide by all applicable Laws, Rules and Regulations in SFZCO.

**Signature of Investor’s Representative Name and Designation**

**Date Name and Seal of the Firm**