### **Water, Gas, Electricity, and Telecommunications Demand Questionnaire**

(Construction and Operation Phases)  
**Kashan Special Economic Zone**

### **General Information**

* **Unit Name:**
* **Allocated Area:**
* **CEO Name:**
* **CEO Contact Number:**
* **Name and Contact Number of the Relevant Expert for Communication:**

**Please complete Tables 1 to 4.**  
**Note:** If there is more than one line or substation, please complete the respective tables accordingly.

### **Table 1 - Consumption of Water, Electricity, and Gas (Construction and Operation Phases)**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **No.** | **Utility Title (Infrastructure)** | **Unit** | **Construction Phase** | **Operation Phase** | | | |
| Year 1 | Year 2 | Year 3 | Long-Term Horizon |
| 1 | Industrial Electricity Demand | MW |  |  | | | |
| Non-Industrial Electricity Demand |  |  | | | |
| 2 | Water | m³ |  |  | | | |
| 3 | Natural Gas | m³ |  |  | | | |
| 4 | Telephone Line | Number |  |  | | | |
| 5 | Others |  |  |  | | | |

### **Table 2 - Dedicated Substation Specifications (If Needed and Available)**

|  |  |  |
| --- | --- | --- |
| **No.** | **Title** | **Description** |
| 1 | Substation Name |  |
| 2 | Substation Capacity |  |
| 3 | Substation Conversion Ratio |  |
| 4 | Substation Type (AIS or GIS) |  |
| 5 | Number of Transformers |  |
| 6 | Transformer Capacity |  |
| 7 | Reserved Capacity |  |
| 8 | Number of Line Feeders |  |
| 9 | Expandability (Yes/No) |  |
| 10 | Dedicated Substation Plan and Main Entrance Panel Diagram |  |

### **Table 3 - Line Specifications**

|  |  |  |
| --- | --- | --- |
| **No.** | **Title** | **Description** |
| 1 | Name (Code) |  |
| 2 | Initial and Final Substation Names |  |
| 3 | Length |  |
| 4 | Conductor |  |
| 5 | Tower Type |  |
| 6 | Number of Circuits |  |
| 7 | Number of Conductors per Circuit (Bundle) |  |
| 8 | Power Entry Point to Site |  |

### **Table 4 - Telecommunications Systems Specifications**

|  |  |  |
| --- | --- | --- |
| **No.** | **Title** | **Description** |
| 1 | Specifications and Capacity of the Incoming Telecommunications Cable to the Complex |  |
| 2 | Required Number of Telephone Lines |  |
| 3 | Telephone Exchange Specifications |  |
| 4 | Required Telecommunications Bandwidth |  |