**Expression of Interest for Participation in E3 Certification Scheme**

(This page to be furnished on the letterhead of the brick manufacturing enterprise)

Ref. No: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

To,

The Director General

Bureau of Energy Efficiency,

(Ministry of Power, Government of India)

4th Floor, Sewa Bhawan,

Sector-I, R.K. Puram,

New Delhi – 110 066, India

**Subject: Expression of Interest for participation in E3 Certification Scheme**

Dear Sir / Madam,

We have reviewed the Energy Efficient Enterprise (E3) certification scheme developed by the Bureau of Energy Efficiency (BEE) and made available on its website <https://beeindia.gov.in/>.

I on behalf of M/s <*name of the enterprise*> express our interest in applying for the E3 Certification for our manufacturing unit.

We confirm and provide:

|  |  |  |
| --- | --- | --- |
| **E3 Requirement** | **Tick if provided** | **Validity Period** |
| Goods and Service Tax Registration Certificate (Self-attested copy) |  |  |
| Mining Permit / Receipt of payment towards mining royalty (Self-attested copy) |  |  |
| Consent to Operate Certificate issued by state pollution control board/committee (Self-attested copy) |  |  |
| Environment Clearance issued from State Environment Impact Assessment Authority or any other authorised agency (Self-attested copy) |  |  |
| Proforma A – completed with all documents requested thereunder |  |  |

We understand that Bureau may adjust or amend provisions of the E3 Scheme at any stage during the Scheme implementation. We confirm that we shall extend all cooperation and information necessary to meet such adjustment or amendment provisions.

The Applicant entity and its promoters/directors/partners, as applicable, further confirm that all information/ documents filed under this expression of interest to the E3 scheme are true to our knowledge and beliefs.

We hereby agree to indemnify Bureau of Energy Efficiency and its officers, directors, employees, agents harmless from and against any and all claims, damages, losses, costs, expenses (including attorney fees and costs), and liabilities arising on account of submission of such information/document during all stages of the E3 scheme application review.

We enclose the above herewith for your consideration.

Yours Sincerely,

(Name, Designation and Signature of Authorized Signatory with company seal)

**Proforma-A**

(to be submitted along with the cover letter)

**Table 1: Contact Details of the Brick Manufacturing Enterprise**

|  |  |
| --- | --- |
| Name of the enterprise |  |
| Contact Person name |  |
| Contact Person designation |  |
| Address of the manufacturing unit |  |
| GPS coordinates of the manufacturing unit (Latitude & Longitude) |  |
| Pin code |  |
| State |  |
| Phone Number | Landline:  Mobile: |
| Fax Number |  |
| E-mail |  |
| Website (if available) |  |

Note: Please refer to the instruction document for guidelines for finding the GPS coordinates.

**Table 2:** **Projected annual production for each brick product type (Forecast for 01 October 2020 to 30 September 2021)**

| S. No. | **A.**  Type/name of the product | **B**.  Dry Weight of one piece of product (kg) | **C.**  Dimensions of the product (mm) | | | **D.**  Product Bulk Density (kg/m3) | **E.**  Estimated Annual Production (No. of pieces/ year) | **F.**  Kiln Technology | **G.**  Moulding Method | **H.**  Drying Method |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| L | B | H |
| 1 |  |  |  |  |  |  |  |  |  |  |
| 2 |  |  |  |  |  |  |  |  |  |  |
| 3 |  |  |  |  |  |  |  |  |  |  |
| 4 |  |  |  |  |  |  |  |  |  |  |
| 5 |  |  |  |  |  |  |  |  |  |  |
| 6 |  |  |  |  |  |  |  |  |  |  |
| 7 |  |  |  |  |  |  |  |  |  |  |
| 8 |  |  |  |  |  |  |  |  |  |  |
| 9 |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |

Note: Please refer to the instruction document for filling up the required information in the above table. You may add rows as necessary.

**Please enclose the following documents along with Table 2, if available, and tick in the corresponding box:**

1. Self-attested copy of Test report for bulk density and dry weight (as per IS 1528 Part 12) of all types of brick products (if available) ( )
2. Self-attested copy of Test report for compressive strength (as per IS 3495 for bricks or IS 3952 for blocks) of all types of brick products (if available).

[*The compressive strength must comply with the BIS standards for respective products.*] ( )

**Table 3:** **Installed and Commissioned Process and Machinery/Equipment Details**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| S. No. | **A.**  Process Details | **B.**  Type of machinery/ equipment | **C.**  Make of machinery/ equipment | **D.**  Rated Production Capacity | **E.**  Photograph |
| 1 |  |  |  |  |  |
| 2 |  |  |  |  |  |
| 3 |  |  |  |  |  |
| 4 |  |  |  |  |  |
| 5 |  |  |  |  |  |
| 6 |  |  |  |  |  |
| 7 |  |  |  |  |  |
| 8 |  |  |  |  |  |
| 9 |  |  |  |  |  |
| 10 |  |  |  |  |  |

Note: Please refer to the instructions document for filling up the required information in the above table. You may add rows as necessary.

**Please enclose the following documents along with Table 3 and tick in the corresponding box:**

1. Kiln plan ( )
2. Sectional drawing of the kiln trench/tunnel/chamber ( )
3. Photograph of the kiln with date stamp in which the entire kiln should be visible ( )

*Kiln plan and sectional drawing, either prepared by the brick manufacturer or the technology provider/consultant, can be enclosed.*

**Table 4: Fuel currently used in the manufacturing unit**

| S. No. | **A.**  Type of fuel | **B.**  Method/Type of fuel use | **C.**  GCV of fuel (kcal/kg) |
| --- | --- | --- | --- |
| 1 |  |  |  |
| 2 |  |  |  |
| 3 |  |  |  |
| 4 |  |  |  |
| 5 |  |  |  |

Note: Please refer to the instructions document for filling up the required information in the above table. You may add rows as necessary.

**Please enclose the following documents along with Table 4, if available, and tick in the corresponding box:**

1. Self-attested copy of GCV certificate of fuel as per ASTM D5865 & Parr 620 Manual, Standard Test Method for Gross Calorific Value of Coal and Coke. (if available) ( )

**Table 5: Specific Energy Consumption (SEC Vol, MJ/m3) of the Enterprise**

|  |  |
| --- | --- |
| **Calculated value** | **MJ/m3** |
| Specific Energy Consumption (SEC Vol) of the enterprise | <calculated in accordance with the method prescribed in the instructions document. The estimated annual production data (Table 2) would be used here > |