Name of Empanelled Agency: **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Basic System Information:

**GUVNL Registration Number: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Customer Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Consumer No :\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_ Circle \_\_\_\_\_\_\_\_\_\_\_Division \_\_\_\_\_\_\_\_\_\_ Sub-Division\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Address: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

 **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Contracted Load: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_KW \_\_\_\_\_\_\_\_\_\_\_\_\_Phase**

**PV Registration Capacity at GUVNL Portal: \_\_\_\_\_\_\_\_\_\_\_\_\_KW\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Phase**

1. **PV Module Specification:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Equipment | Make of Solar PV Module | Model No. | Type of PV Modules (Crystalline) | Rated Capacity of Solar Module in Watt(peak) Morethan 250Wp | No. of Modules | Total PV Capacity installed in Kwp |
| PV Module |  |  |  |  |  |  |
|  |  |  |  |  |  |

* Serial Nos. of PV modules attached separately
* Copy of Pre- Dispatch Inspection report along with Serial Nos. of Modules.
1. **Are the modules of Indian Make:** (\_\_\_\_\_\_\_\_\_\_\_) \*
2. **Inverter Details:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Make of Inverter | Model No. | Type of Inverter(Single/Three phase) and Voltage | Rated A.C. Output of Inverter in kilo Watt | Serial No. of Inverter |
|  |  | Single/Three phase | \_\_\_\_\_\_\_\_ KW |  |
| Remote Monitoring System / Data Acquisition System provided or not? | (\_\_\_\_\_\_\_\_\_)\* |
| SIM Mobile No. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (If applicable) |

\* Answer in YES or NO only.

 # BOS material is used as above. After commissioning of solar system if any material & module found inferior then

 Tenders ’specification, we will be liable for replacement within 7 days on our cost & risk. And responsible for

 any legal consequences.

Signature and Stamp of

 Electrical contractor

1. **Test Results:**
2. **Earth Resistance Values:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| D C Side Earthing | \_\_\_\_\_\_\_ Ohm | A C Side Earthing | \_\_\_\_\_\_\_ Ohm | L.A. Earthing | \_\_\_\_\_\_\_ Ohm |

1. **Insulation Resistance Values:**

|  |  |
| --- | --- |
| Phase to Earth | Phase to Phase |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

a)      All PV modules and its supporting structures, inverter, have enough mechanical strength and it conforms to the relevant codes/guidelines, as per EOI No: ***(PGVCL/DSM/EOI/SRT/2019-20/01  Dated: 20/07/2019 & subsequent amendments.)***

b)       The work of aforesaid Installation including cables/wires, protective switch gears as well as earthings are of adequate ratings/size has been carried out in conformance with the requirements of Central Electricity Authority (Measures relating to safety and electrical supply), Regulations 2010 and the relevant codes/guidelines, EOI No: PGVCL/DSM/EOI/SRT/2019-20/01    Dated : 20/07/2019  & subsequent amendments thereof. The installation is tested by us and is found safe to be energized.

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 any legal consequences.

Signature and Stamp of

 Electrical contractor

# Details of Module Mounting Structure (MMS):

|  |  |  |  |
| --- | --- | --- | --- |
| **Sr.** | **Particulars** | **Details** | **Declaration****(mention with YES/No)**  |
| 1. | Structure Material | Confirms to the relevant codes/guidelines, EOI No: PGVCL/DSM/EOI/SRT/2019-20/01    Dated: 20/07/2019 & subsequent amendments. |  |  |
|  |
| 2. | Fasteners, N&B, Clamps | All used made of Stainless Steel? |  |  |
| 3. | Structure Steel Thickness | Confirms to the relevant codes/guidelines, EOI No: PGVCL/DSM/EOI/SRT/2019-20/01    Dated: 20/07/2019 & subsequent amendments. |  |  |
|  |
| 4 | Shadow Analysis Report | Whether attached? |  |
| 5 | Success in Shadow Analysis? |  |  |
| 6 | Certification from certified Structural Engineer | Regarding Structural Stability and sustainability report attached? & Whether it Confirms to the relevant codes/guidelines, EOI No: PGVCL/DSM/EOI/SRT/2019-20/01    Dated: 20/07/2019 & subsequent amendments. |  |
| 7 | Vendor’s Declaration | Regarding Structural Stability and sustainability report attached? & Whether it Confirms to the relevant codes/guidelines, EOI No: PGVCL/DSM/EOI/SRT/2019-20/01    Dated: 20/07/2019 & subsequent amendments. |  |

**Details of DCDB:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sr.** | **Observation** | **Please Mark/ Enter Relevant Block** | **Declaration****(mention with YES/No)** |
| 1. | DCDB Installation | Outdoor (IP65) or indoor (IP64) type |  |
| 2. | Surge Protection device (SPD)  | Provide? |  |
| 3 | Make, Model, Sr. No., capacity of DCDB |  |

**Details of ACDB:**

|  |  |  |  |
| --- | --- | --- | --- |
| Sr. | **Observation** | **Please Mark/ Enter Relevant Block** | **Declaration****(mention with YES/No)** |
| 1. | ACDB Installation | Outdoor (IP65) or indoor (IP64) type |  |
| 2. | Surge Protection device (SPD) available | Provide? |  |
| 3. | Make, Model, Sr. No., Capacity of ACDB |  |

**Lightening Arrester System Details:**

|  |  |  |
| --- | --- | --- |
| L.A. Make | Conforms to the relevant codes/guidelines, EOI No: PGVCL/DSM/EOI/SRT/2019-20/01    Dated: 20/07/2019 & subsequent amendments. | (\_\_\_\_\_\_\_\_\_\_\_\_\_)\* |
| Cable | Conforms to the relevant codes/guidelines, EOI No: PGVCL/DSM/EOI/SRT/2019-20/01    Dated: 20/07/2019 & subsequent amendments. | (\_\_\_\_\_\_\_\_\_\_\_\_\_)\* |
| Earthing Rod | Diameter and Length of Electrode used for earthing | \_\_\_\_ mm dia and \_\_\_\_\_\_mtr length |

\*Answer in Yes/No only

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 tender’s specification, we will be liable for replacement within 7 days on our cost & risk. And responsible for any

 legal consequences.

**Details of Isolation Switch between Solar Generation Meter and main Switch of the customer (As per page 72 – clause 8 and page 75 clause 12.4 ii)**

|  |  |  |  |
| --- | --- | --- | --- |
| Make | Sr. No. | Capacity | 2 pole / 4 pole |
|  |  |  |  |

**Details of Reverse Protection Relay (=NVR) for Solar PV System More than 10 KW:**

|  |  |  |
| --- | --- | --- |
| Make | Sr. No. | Capacity |
|  |  |  |

Please attach as per the below mentioned sequence:

|  |  |  |
| --- | --- | --- |
| **Sr.** | **Particulars** | **Tick if Attached** |
| 1 | Application Form ( MoU) |  |
| 2 | DISCOM Registration Letter |  |
| 3 | Ownership Document |  |
| 4 | Terrace Rights / Co-owner’s consent (if applicable) |  |
| 5 | Power Purchase Agreement on Rs. 300/- stamp paper |  |
| 6 | Bank detail form |  |
| 7 | Cancelled cheque of consumer |  |
| 8 | Copy of PAN Card (If available) |  |
| 9 | Shadow Analysis Report |  |
| 10 | Certificate from certified Structural Engineer |  |
| 11 | EA-declaration certificate for Structure |  |
| 12 | CEI Drawing Approval and inspection report for Solar Project >10 KW |  |
| 13 | In case of Common Service i.e. GHS/RWA (Against 3 and 4) |
| * Society Registration Certificate
 |  |
| * Resolution for election of President/Secretary
 |  |
| * Resolution for installation of solar roof top and signing authority declaration.
 |  |

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 legal consequences.