**ANNEXURE II.A– Technical bid submission form for solar powered Devices (below 1kW)**

 **(To be submitted by all agencies)**

|  |  |  |  |
| --- | --- | --- | --- |
| 1.  | Name of the bidder as in registration certificate (Copy of registration certificate to be enclosed) |  | Page no. in the offer document |
| 2.  | Address in full  |  | Page no. in the offer document |
| 3.  | Contact Details  | Mobile Phone |  |  |
| Land Phone  |  |
| Fax No  |  |
| Email  |  |
| 4.  | Bank account details of the Bidder  | Account No  |  |  |
| Name of account holder  |  |
| Bank  |  |
| Branch Name  |  |
| Address of the bank  |  |
| IFS code  |  |
| 5.  | Name of the authorized signatory (Power of attorney to be enclosed)  |  | Page no. in theoffer document |
| 6.  | Designation of the authorised signatory  |  |  |
| 7.  | Service centres in Kerala There should be at least one service centre for two districts. (Undertaking in stamp paper worth Rs.200/-to be submitted)  |  |  | Page no. in theoffer document |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

## ANNEXURE II.B - Details of System Components for Solar powered devices to be submitted by agencies participating in “Empanelment” Programme implemented by ANERT

## 19. Solar Lantern

|  |  |
| --- | --- |
| 21.1 | **Solar Module**  |
|  |  |  | IEC61215/IS 14286 | IEC61730 | IEC61701 |  |
| 21.1.1 | Option-1 | 1. Make  |  |  |  | Page no. in the offer Document |
| 2.Model No  |  |  |  |
| 3.Wattage  |  |  |  |
| 4.Test Certificate No.  |  |  |  |
| 5.Name of testing agency  |  |  |  |
| 6.Validity Up To  |  |  |  |
|  |  |  | IEC61215/IS 14286 | IEC61730 | IEC61701 |  |
| 21.1.2 | Option-2  | 1. Make  |  |  |  | Page no. in the offer document  |
| 2.Model No  |  |  |  |
| 3.Wattage  |  |  |  |
| 4.Test Certificate No.  |  |  |  |
| 5.Name of testing agency  |  |  |  |
| 6.Validity Up To  |  |  |  |
|  |  |  | IEC61215/ IS14286 | IEC61730 | IEC61701 |  |
| 21.2 | **Solar LED Lantern( Test certificate should be submitted as per ANERT specification)** |
|  |  |  | Module | Battery | Luminaire |  |
| 21.2.1 | Option -1 | 1. Make  |  |  |  | Page no. in the offer document  |
| 2.Model No  |  |  |  |
| 3.Capacity  |  |  |  |
| 4. Test Certificate No.  |  |  |  |
| 5.Name of testing agency  |  |  |  |
| 6.Validity Up To  |  |  |  |
|  |  |  | Module | Battery | Luminary |  |
| 21.2.2 | Option -2 | 1. Make  |  |  |  | Page no. in the offer document  |
| 2.Model No  |  |  |  |  |  |
| 3.Capacity  |  |  |  |  |
| 4.Test Certificate No.  |  |  |  |  |
| 5.Name of testing agency  |  |  |  |  |
| 6.Validity Up To  |  |  |  |  |

I have read the technical requirements, warranty conditions and the details furnished above are true, correct and complete to my knowledge and belief. All the details furnished are supported by documentary evidence.

Date

Signature of the authorised signatory

 Name

 Designation (Office Seal)

 NOTE: If any more makes and models of system components are proposed, extra pages may be used.

## 20. Soura Suvidha Kit

|  |  |
| --- | --- |
| 21.1 | **Solar Module**  |
|  |  |  | IEC61215/IS 14286  | IEC61730  | IEC61701  |  |
| 21.1.1 | Option-1 | 1. Make  |  |  |  |  |
| 2.Model No  |  |  |  |
| 3.Wattage  |  |  |  |
| 4.Test Certificate No.  |  |  |  |
| 5.Name of testing agency  |  |  |  |
| 6.Validity Up To  |  |  |  |
|  |  |  | IEC61215/IS 14286 | IEC61730 | IEC61701 | Page no. in the offer Document |
| 21.1.2 | Option-2  | 1. Make  |  |  |  |   |
| 2.Model No  |  |  |  |
| 3.Wattage  |  |  |  |
| 4.Test Certificate No.  |  |  |  |
| 5.Name of testing agency  |  |  |  |
| 6.Validity Up To  |  |  |  |
|  |  |  | IEC61215/ IS14286 | IEC61730 | IEC61701 |  |
| 21.2 | **Soura Suvidha Kit( Test certificate should be submitted as per ANERT specification)** |
|  |  |  | Module | Battery | Luminary | Page no. in the offer document |
| 21.2.1 | Option -1 | 1. Make  |  |  |  |   |
| 2.Model No  |  |  |  |
| 3.Capacity  |  |  |  |
| 4.Test Certificate No.  |  |  |  |
| 5.Name of testing agency  |  |  |  |
| 6.Validity Up To  |  |  |  |
|  |  |  | Module | Battery | Luminary |  |
| 21.2.2 | Option -2 | 1. Make  |  |  |  | Page no. in the offer document  |
| 2.Model No  |  |  |  |  |  |
| 3.Capacity  |  |  |  |  |
| 4.Test Certificate No.  |  |  |  |  |
| 5.Name of testing agency  |  |  |  |  |
| 6.Validity Up To  |  |  |  |  |

I have read the technical requirements, warranty conditions and the details furnished above are true, correct and complete to my knowledge and belief. All the details furnished are supported by documentary evidence.

Date:

Signature of the authorised signatory

 Name

 Designation (Office Seal)

 NOTE: If any more makes and models of system components are proposed, extra pages may be used.

## 21. Solar Home Lighting system

**WHITE LED BASED SOLAR HOME LIGHTING SYSTEM - Model .1**

|  |  |
| --- | --- |
| 22.1.1 | **Solar Module**  |
|  |  |  | IEC61215 /IS14286  | IEC61730 | IEC61701 | Page no. in the offer Document |
| 22.1.1.1 | Option-1 | 1. Make  |  |  |  |  |  |
| 2.Model No  |  |  |  |  |
| 3.Wattage  |  |  |  |  |
| 4.Test Certificate No.  |  |  |  |  |
| 5.Name of testing agency  |  |  |  |  |
| 6.Validity Up To  |  |  |  |  |
|  |  |  | IEC61215 /IS14286 | IEC61730 | IEC61701 | Page no. in the offer Document |
| 22.1.1.2 | Option-2  | 1. Make  |  |  |  |   |
| 2.Model No  |  |  |  |  |
| 3.Wattage  |  |  |  |  |
| 4.Test Certificate No.  |  |  |  |  |
| 5.Name of testing agency  |  |  |  |  |
| 6.Validity Up To  |  |  |  |  |
|  |  |  | IEC61215 / IS14286 | IEC61730 | IEC61701 |  |
| 22.1.2 | **Solar Charge Controller** |
|  |  |  | IEC/IS 61683  | IEC 60068  | IEC6211 | IEC 61727  | Page no. in the offer Document |
| 22.1.2.1 | Option -1 | 1. Make  |  |  |  |  |   |
| 2.Model No  |  |  |  |  |  |  |
| 3.Capacity  |  |  |  |  |  |
| 4. Test Certificate No.  |  |  |  |  |  |
| 5.Name of testing agency  |  |  |  |  |  |
| 6.Validity Up To  |  |  |  |  |  |
|  |  |  | IEC/IS 61683 | IEC 60068 | IEC62116 | IEC 61727 | Page no. in the offer document |
| 22.1.2.2 | Option -2 | 1. Make  |  |  |  |  |   |
| 2.Model No  |  |  |  |  |  |  |
| 3.Capacity  |  |  |  |  |  |
| 4.Test Certificate No.  |  |  |  |  |  |
| 5.Name of testing agency  |  |  |  |  |  |
| 6.Validity Up To  |  |  |  |  |  |
|  **22.1.3 Luminaires** | LM 79 | LM 80 | Page no. in the offer document |
| 22.1.3.1 | Option -1 | 1. Make  |  |  |   |
| 2.Model No  |  |  |
| 3.Capacity  |  |  |
| 4.Test Certificate No.  |  |  |
| 5.Name of testing agency  |  |  |
| 6.Validity Up To  |  |  |
|  |  |  | LM 79 | LM 80 | Page no. in the offer document |
| 22.1.3.2 | Option -2 | 1. Make  |  |  |   |
| 2.Model No  |  |  |
| 3.Capacity  |  |  |
| 4.Test Certificate No.  |  |  |
|  |  | 5.Name of testing agency  |  |  |  |
| 6.Validity Up To  |  |  |  |
|  **22.1.4 Battery**  |  |
| 22.1.4.1 | Option -1 | 1. Make  |  | Page no. in the offer document  |
| 2.Model No  |  |
| 3.Capacity  |  |
| 4.Test Certificate No.  |  |
| 5.Name of testing agency  |  |
| 6.Validity Up To  |  |
|  |  |  |  |  |
| 22.1.4.2 | Option -2 | 1. Make  |  | Page no. in the offer document  |
| 2.Model No  |  |
| 3.Capacity  |  |
| 4.Test Certificate No.  |  |
| 5.Name of testing agency  |  |
| 6.Validity Up To  |  |

I have read the technical requirements, warranty conditions and the details furnished above are true, correct and complete to my knowledge and belief. All the details furnished are supported by documentary evidence.

Date

Signature of the authorised signatory

 Name

 Designation (Office Seal)

 NOTE: If any more makes and models of system components are proposed, extra pages may be used.

**WHITE LED BASED SOLAR HOME LIGHTING SYSTEM. Model .II**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 22.1.1 | **Solar Module**  |  |  |  |  |
|  |  |  | IEC61215 /IS14286  | IEC61730 | IEC61701 |  |
| 22.1.1.1 | Option-1 | 1. Make  |  |  |  |  | Page no. in the offer document |
| 2.Model No  |  |  |  |  |
| 3.Wattage  |  |  |  |  |
| 4.Test Certificate No.  |  |  |  |  |
| 5.Name of testing agency  |  |  |  |  |
| 6.Validity Up To  |  |  |  |  |
|  |  |  | IEC61215 /IS14286 | IEC61730 | IEC61701 |  |
| 22.1.1.2 | Option-2  | 1. Make  |  |  |  | Page no. in the offer document  |
| 2.Model No  |  |  |  |  |
| 3.Wattage  |  |  |  |  |
| 4.Test Certificate No.  |  |  |  |  |
| 5.Name of testing agency  |  |  |  |  |
| 6.Validity Up To  |  |  |  |  |
|  |  |  | IEC61215 / IS14286 | IEC61730 | IEC61701 |  |
| 22.1.2 | **Solar Charge Controller** |
|  |  |  |  |  |  |
| 22.1.2.1 | Option -1 | 1. Make  |  |  |  | Page no. in the offer document  |
| 2.Model No  |  |  |  |  |  |  |
| 3.Capacity  |  |  |  |  |  |
| 4. Test Certificate No.  |  |  |  |  |  |
| 5.Name of testing agency  |  |  |  |  |  |
| 6.Validity Up To  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| 22.1.2.2 | Option -2 | 1. Make  |  |  |  | Page no. in the offer document  |
| 2.Model No  |  |  |  |  |  |  |
| 3.Capacity  |  |  |  |  |  |
| 4.Test Certificate No.  |  |  |  |  |  |
| 5.Name of testing agency  |  |  |  |  |  |
| 6.Validity Up To  |  |  |  |  |  |
| **22.1.3 Luminaires** | LM 79 | LM 80 | Page no. in the offer document |
| 22.1.3.1 | Option -1 | 1. Make  |  |  |   |
| 2.Model No  |  |  |
| 3.Capacity  |  |  |
| 4.Test Certificate No.  |  |  |
| 5.Name of testing agency  |  |  |
| 6.Validity Up To  |  |  |
|  |  |  | LM 79 | LM 80 |  |
| 22.1.3.2 | Option -2 | 1. Make  |  |  | Page no. in the offer document |
| 2.Model No  |  |  |
| 3.Capacity  |  |  |
| 4.Test Certificate No.  |  |  |
|  |  | 5.Name of testing agency  |  |  |  |
| 6.Validity Up To  |  |  |
|  **22.1.4 Battery**  |  |
| 22.1.4.1 | Option -1 | 1. Make  |  | Page no. in the offer document  |
| 2.Model No  |  |
| 3.Capacity  |  |
| 4.Test Certificate No.  |  |
| 5.Name of testing agency  |  |
| 6.Validity Up To  |  |
|  |  |  |  |  |
| 22.1.4.2 | Option -2 | 1. Make  |  | Page no. in the offer document  |
| 2.Model No  |  |
| 3.Capacity  |  |
| 4.Test Certificate No.  |  |
| 5.Name of testing agency  |  |
| 6.Validity Up To  |  |

I have read the technical requirements, warranty conditions and the details furnished above are true, correct and complete to my knowledge and belief. All the details furnished are supported by documentary evidence.

Date

Signature of the authorised signatory

 Name

 Designation (Office Seal)

 NOTE: If any more makes and models of system components are proposed, extra pages may be used.

## Solar LED Street Lighting Systems

##

## Solar LED Street Lighting System (Model -1)

|  |  |  |  |
| --- | --- | --- | --- |
| 23.1.1 | **Solar Module**  |  |  |
|  |  |  | IEC61215/IS 14286  | IEC61730  | IEC61701  |
| 23.1.1.1 | Option-1 | 1. Make  |  |  |  |
| 2.Model No  |  |  |  |
| 3.Wattage  |  |  |  |
| 4.Test Certificate No.  |  |  |  |
| 5.Name of testing agency  |  |  |  |
| 6.Validity Up To  |  |  |  |
|  |  |  | IEC61215/IS 14286 | IEC61730 | IEC61701 |
| 23.1.1.2 | Option-2  | 1. Make  |  |  |  |
| 2.Model No  |  |  |  |
| 3.Wattage  |  |  |  |
| 4.Test Certificate No.  |  |  |  |
| 5.Name of testing agency  |  |  |  |
| 6.Validity Up To  |  |  |  |
| 23.1.2  | **Battery**  |
|  |  |  | IEC 62133 |
| 23.1.2.1  | Option -1 | 1. Make  |  |
| 2.Model No  |  |
| 3.Capacity  |  |
| 4.Test Certificate No.  |  |
| 5.Name of testing agency  |  |
| 6.Validity Up To  |  |
|  |  |  | IEC 62133 |
| 23.1.2.2 | Option -2 | 1. Make  |  |
| 2.Model No  |  |
| 3.Capacity  |  |
| 4.Test Certificate No.  |  |
| 5.Name of testing agency  |  |
| 6.Validity Up To  |  |
|  **23.1.3 Luminaire** | LM 79 | LM 80 |
| 23.1.3.1 | Option -1 | 1. Make  |  |  |
| 2.Model No  |  |  |
| 3.Capacity  |  |  |
| 4.Test Certificate No.  |  |  |
| 5.Name of testing agency  |  |  |
| 6.Validity Up To  |  |  |
|  |  |  | LM 79 | LM 80 |
| 23.1.3.2 | Option -2 | 1. Make  |  |  |
| 2.Model No  |  |  |
| 3.Capacity  |  |  |
| 4.Test Certificate No.  |  |  |
| 5.Name of testing agency  |  |  |
| 6.Validity Up To  |  |  |

1. **Solar LED Street Lighting System (Model 2)**

|  |  |  |  |
| --- | --- | --- | --- |
| 23.2.1 | **Solar Module**  |  |  |
|  |  |  | IEC61215/IS 14286  | IEC61730  | IEC61701  |
| 23.2.1.1 | Option-1 | 1. Make  |  |  |  |
| 2.Model No  |  |  |  |
| 3.Wattage  |  |  |  |
| 4.Test Certificate No.  |  |  |  |
| 5.Name of testing agency  |  |  |  |
| 6.Validity Up To  |  |  |  |
|  |  |  | IEC61215/IS 14286 | IEC61730 | IEC61701 |
| 23.2.1.2 | Option-2  | 1. Make  |  |  |  |
| 2.Model No  |  |  |  |
| 3.Wattage  |  |  |  |
| 4.Test Certificate No.  |  |  |  |
| 5.Name of testing agency  |  |  |  |
| 6.Validity Up To  |  |  |  |
| 23.2.2  | **Battery**  |
|  |  |  | IEC 62133 |
| 23.2.2.1  | Option -1 | 1. Make  |  |
| 2.Model No  |  |
| 3.Capacity  |  |
| 4.Test Certificate No.  |  |
| 5.Name of testing agency  |  |
| 6.Validity Up To  |  |
|  |  |  | IEC 62133 |
| 23.2.2.2 | Option -2 | 1. Make  |  |
| 2.Model No  |  |
| 3.Capacity  |  |
| 4.Test Certificate No.  |  |
| 5.Name of testing agency  |  |
| 6.Validity Up To  |  |
| **23.2.3 Luminaire** | LM 79 | LM 80 |
| 23.2.3.1 | Option -1 | 1. Make  |  |  |
| 2.Model No  |  |  |
| 3.Capacity  |  |  |
| 4.Test Certificate No.  |  |  |
| 5.Name of testing agency  |  |  |
| 6.Validity Up To  |  |  |
|  |  |  | LM 79 | LM 80 |
| 23.2.3.2 | Option -2 | 1. Make  |  |  |
| 2.Model No  |  |  |
| 3.Capacity  |  |  |
| 4.Test Certificate No.  |  |  |
| 5.Name of testing agency  |  |  |
| 6.Validity Up To  |  |  |

1. **Solar LED Street Lighting System (Model 3)**

|  |  |  |  |
| --- | --- | --- | --- |
| 22.3.1 | **Solar Module**  |  |  |
|  |  |  | IEC61215/IS 14286  | IEC61730  | IEC61701  |
| 23.3.1.1 | Option-1 | 1. Make  |  |  |  |
| 2.Model No  |  |  |  |
| 3.Wattage  |  |  |  |
| 4.Test Certificate No.  |  |  |  |
| 5.Name of testing agency  |  |  |  |
| 6.Validity Up To  |  |  |  |
|  |  |  | IEC61215/IS 14286 | IEC61730 | IEC61701 |
| 23.3.1.2 | Option-2  | 1. Make  |  |  |  |
| 2.Model No  |  |  |  |
| 3.Wattage  |  |  |  |
| 4.Test Certificate No.  |  |  |  |
| 5.Name of testing agency  |  |  |  |
| 6.Validity Up To  |  |  |  |
| 23.3.2  | **Battery**  |
|  |  |  | IEC 62133 |
| 23.3.2.1  | Option -1 | 1. Make  |  |
| 2.Model No  |  |
| 3.Capacity  |  |
| 4.Test Certificate No.  |  |
| 5.Name of testing agency  |  |
| 6.Validity Up To  |  |
|  |  |  | IEC 62133 |
| 23.3.2.2 | Option -2 | 1. Make  |  |
| 2.Model No  |  |
| 3.Capacity  |  |
| 4.Test Certificate No.  |  |
| 5.Name of testing agency  |  |
| 6.Validity Up To  |  |
| **23.3.3 Luminaire** | LM 79 | LM 80 |
| 23.3.3.1 | Option -1 | 1. Make  |  |  |
| 2.Model No  |  |  |
| 3.Capacity  |  |  |
| 4.Test Certificate No.  |  |  |
| 5.Name of testing agency  |  |  |
| 6.Validity Up To  |  |  |
|  |  |  | LM 79 | LM 80 |
| 23.3.3.2 | Option -2 | 1. Make  |  |  |
| 2.Model No  |  |  |
| 3.Capacity  |  |  |
| 4.Test Certificate No.  |  |  |
| 5.Name of testing agency  |  |  |
| 6.Validity Up To  |  |  |

1. **Solar LED Street Lighting System (Model 4)**

|  |  |  |  |
| --- | --- | --- | --- |
| 23.4.1 | **Solar Module**  |  |  |
|  |  |  | IEC61215/IS 14286  | IEC61730  | IEC61701  |
| 23.4.1.1 | Option-1 | 1. Make  |  |  |  |
| 2.Model No  |  |  |  |
| 3.Wattage  |  |  |  |
| 4.Test Certificate No.  |  |  |  |
| 5.Name of testing agency  |  |  |  |
| 6.Validity Up To  |  |  |  |
|  |  |  | IEC61215/IS 14286 | IEC61730 | IEC61701 |
| 23.4.1.2 | Option-2  | 1. Make  |  |  |  |
| 2.Model No  |  |  |  |
| 3.Wattage  |  |  |  |
| 4.Test Certificate No.  |  |  |  |
| 5.Name of testing agency  |  |  |  |
| 6.Validity Up To  |  |  |  |
|  |  |  | IEC61215/ IS14286 | IEC61730 | IEC61701 |
| 23.4.1.3 | Option-3  | 1. Make  |  |  |  |
| 2.Model No  |  |  |  |
| 3.Wattage  |  |  |  |
| 4.Test Certificate No.  |  |  |  |
| 5.Name of testing agency  |  |  |  |
| 6.Validity Up To  |  |  |  |
| 23.4.2  | **Battery**  |
|  |  |  | IEC 62133 |
| 23.4.2.1  | Option -1 | 1. Make  |  |
| 2.Model No  |  |
| 3.Capacity  |  |
| 4. Test Certificate No.  |  |
| 5.Name of testing agency  |  |
| 6.Validity Up To  |  |
|  |  |  | IEC 62133 |
| 23.4.2.2 | Option -2 | 1. Make  |  |
| 2.Model No  |  |
| 3.Capacity  |  |
| 4.Test Certificate No.  |  |
| 5.Name of testing agency  |  |
| 6.Validity Up To  |  |
|  |  |  | IEC 62133 |
| 23.4.2.3  | Option -3 | 1. Make  |  |
|  |  | 2.Model No  |  |
| 3.Capacity  |  |
| 4.Test Certificate No.  |  |
| 5.Name of testing agency  |  |
| 6.Validity Up To  |  |
| **23.4.3 Luminaire** | LM 79 | LM 80 |
| 23.4.3.1 | Option -1 | 1. Make  |  |  |
| 2.Model No  |  |  |
| 3.Capacity  |  |  |
| 4.Test Certificate No.  |  |  |
| 5.Name of testing agency  |  |  |
| 6.Validity Up To  |  |  |
|  |  |  | LM 79 | LM 80 |
| 23.4.3.2 | Option -2 | 1. Make  |  |  |
| 2.Model No  |  |  |
| 3.Capacity  |  |  |
| 4.Test Certificate No.  |  |  |
| 5.Name of testing agency  |  |  |
| 6.Validity Up To  |  |  |
|  |  |  | LM 79 | LM 80 |
| 23.4.3.3 | Option -3 | 1. Make  |  |  |
| 2.Model No  |  |  |
| 3.Capacity  |  |  |
| 4.Test Certificate No.  |  |  |
| 5.Name of testing agency  |  |  |
| 6.Validity Up To  |  |  |

I have read the technical requirements, warranty conditions and the details furnished above are true, correct and complete to my knowledge and belief. All the details furnished are supported by documentary evidence.

Date

Signature of the authorised signatory

 Name

 Designation (Office Seal)

 NOTE: If any more makes and models of system components are proposed, extra pages may be used.