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| **ANNEX 2 – BID SUBMISSION FORM** | **YSPSC-ITB-02-2025** |
| **Ifalik & Lamotrek Solar PV Microgrid Project** | **Quantity of Elements** | **Capacity** | **Price** |
|  | **Description** | **Qty Ifalik** | **Qty Lamotrek** | **Total** | **Element** | **Total** | **Unit** | **Unit Cost** | **Total Cost** |
|  | **Solar system equipment** |  |  |  |  |  |  |  |  |
| 1 | PV Panels kWp | 90 | 54 | 144 | 550W | 79 | kWp |  |  |
| 2 | 300V MPPT Charge Controller | 8 | 5 | 13 | 7000W | 91 | kW |  |  |
| 3 | Display and Controller module for above MPPT Charge Controller | 4 | 4 | 8 | Module | 8 | Module |  |  |
| 4 | 10000W Inverter Charger 48 Vdc / 240Vac Input & 120/240Vac Split Phase Output | 6 | 4 | 10 | Module | 10 | Module |  |  |
| 5 | Batteries 2V cell 3275Amp- Hour 100-Hr rate - 24 cells - 48Vdc banks | 144 | 96 | 240 | 2V cell 3275Ah | 32,750 | Ah for 48Vdc |  |  |
|  | **Micro-grids** | **Weight & Length** |  |  |
| 6 | Underground lines - Cable 1 - Size 4/0AWG | spool must be lighter than 4,000 lbs. **(5,300ft maximum per spool)** | 34,600 | ft |  |  |
| 7 | Underground lines - Cable 1 - Size 2AWG | spool must be lighter than 4,000 lbs. | 12,400 | ft |  |  |
| 8 | Underground lines - Cable 1 - Size 4AWG | spool must be lighter than 4,000 lbs. **(23,800ft maximum per spool)** | 32,400 | ft |  |  |
| 9 | Underground lines - Cable 2 - Size 4/0AWG | spool must be lighter than 4,000 lbs. **(6,100ft maximum per spool)** | 17,300 | ft |  |  |
| 10 | Underground lines - Cable 2 - Size 2AWG | spool must be lighter than 4,000 lbs. | 6,200 | ft |  |  |
| 11 | Underground lines - Cable 2 - Size 4AWG | spool must be lighter than 4,000 lbs. | 16,200 | ft |  |  |
| 12 |  |  |  |  |
| 13 |  |  |  |  |
| 14 |  | **Freight** |  |  |
| 15 |  | **Grand Total** |  |

**Bidder Information**

Company Name :

Company Address :

Company Telephone :

Company Email :

Submitted by,

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

*(Printed Name & Signature)*