

## TNREDCL - HYDERABAD

### CIRCULAR

Ref: TNREDCL/SE/SPV Off-grid/1-10 KWp/2015-17

Date. 07/05/2016.

#### EXPRESSION OF INTEREST FOR SUPPLY, INSTALLATION, COMMISSIONING OF SOLAR PV SYSTEMS FROM 1KWp TO 10KWp CAPACITY ANY WHERE IN TELANGANA STATE

Expression of interest is invited from the TNREDCL Registered PV system suppliers for the year 2015-16 for supply, installation and commissioning of solar PV systems from capacities 1KWp to 10KWp capacity Solar PV off grid roof top systems as per the specifications mentioned below.

sl.no	capacity	PV array	PCU	Battery bank	Rate quoted
1	1 KWp	1000Wp	1.5 KVA 24 V	24V 300 AH	1,49,375/-
2	2 KWp	2000Wp	2 KVA, 48V	48V 300 AH	2,70,000/-
3	3 KWp	3000Wp	3 KVA, 48V	48V 450 AH	3,78,000/-
4	5KWp	5000Wp	5KVA, 96V	96V 400AH	6,30,000/-
5	6KWp	6000Wp	6KVA, 96V	96V 500AH	7,50,000/-
6	7KWp	7000Wp	7 KVA, 120V	120V 450AH	8,88,000/-
7	8KWp	8000Wp	8KVA, 120V	120V 500AH	10,50,000/-
8	9KWp	9000Wp	9KVA,120V	120V 600AH	11,78,000/-
9	10KWp	10000Wp	10KVA 120V	120V 650AH	13,34,142/-

The above rates will be as per the terms and conditions detailed below.

#### GENERAL SPECIFICATIONS:

1. All the components mentioned above shall be as per MNRE specifications available in MNRE website
2. The rates shall be inclusive of installation charges, civil works, Taxes, transportation to sites anywhere in Telangana state on turnkey basis.
3. The structure for installation of SPV modules shall be Hot Dipped Galvanized to withstand wind speed up to 150 KMPH, and all the fasteners shall be of Stainless steel only
4. The following makes of the components are approved for installation

**SPV Modules:** Indigenous Modules only, any standard make with IEC certification and RFID tag pasted inside.

**Invertors:** MNRE empanelled invertors, MPPT type of capacity as indicated in the scope of works of system to be installed.

**Batteries:** MNRE Empanelled Batteries shall be Flooded Electrolyte Type, positive tubular plate; low maintenance or tubular gel valve regulated lead acid (VRLA) type batteries of 2 or 12 Volts cell of capacity as indicated in the scope of works of the system to be installed.

The list of the approved suppliers of EOI - SPV 1-10KWp off grid Tender.

Sd/-xxxxxxxxxx  
VC & Managing Director