

**Telangana State Renewable Energy Development Corporation Ltd.
(TSREDCO)**

(A State Government Company)

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TREDCO / SE / SPV / GCRT / Ph-II / 50 MW Scheme / 2022-23

DT: 16-09-2022

To

M/s

All National Portal vendors.

Sir,

Sub: TSREDCO-SE-SPV – Implementation of simplified procedure through national portal for Installation of residential grid connected rooftop solar plants under GCRT Phase-II Scheme throughout Telangana State – Instructions for submission of Applications, PCRs and Inspections – Reg

Ref: 1. MNRE F.No.318/6/2022-Grid Connected Rooftop Dated 02.02.2022
2. MNRE F.No.318/6/2022-Grid Connected Rooftop Dated 10.06.2022

With reference to the above, MNRE Govt. of India has prepared National Portal and it is launched by Hon'ble Prime Minister on 30.07.2022 for simplification of procedure for installation of residential grid connected rooftop solar plants and ready for registration of online applications and issuance of In-principle sanctions and release of subsidy.

In this context, for implementation of National portal the following instructions are to be followed by the vendor.

- 1.Consumer will choose the vendor from empaneled vendors list in the National portal, that particular vendor has to approach the consumer and finalize the rates, payment terms, conditions and agreements etc.
- 2.Vendor/Beneficiary has to be paid application fee Rs.1180/- per KW (inclusive of GST) to TSREDCO through link <https://tsredco.telangana.gov.in/SearchRegistration.aspx> for conducting inspections of the solar plant and for recommendation of CFA to the MNRE/Govt. of India as per the existing guidelines of TSREDCO.
- 3.The selected vendors should be followed specifications and standards specified by the Ministry of new and Renewable Energy and they have to be used DCR Solar modules and enlistment under ALMM and BIS certified inverter.
- 4.It is mandatory for the vendor to provide comprehensive maintenance of the RTS plant installed by the firm for 5 Years. The TSREDCO/DISCOMs shall not be held responsible for any dispute arising between vendor and consumer.

5. Vendor has to submit work completion report as per prescribed format given by the TS DISCOMs.

i. **TSSPDCL:**

<https://www.tssouthernpower.com/resources/PDF/Renewableenergy/Annexure-IV%20Work%20completion%20report.pdf>

ii. **TSNPDCL:** <http://210.212.223.83:9070/SNM/j2s/getSolarDetailsWorkSOLAR.action>

Then after installation of Net meter, synchronization report has to be downloaded
From

iii. TSSPDCL:- <https://www.tssouthernpower.com/netmetersyncreport>

iv. TSNPDCL:-

<http://210.212.223.83:9070/SNM/j2s/getStatusPortalSOLAR.action>

6. Vendor has to submit the PCR in BTS portal of TSREDCO and National portal for CFA claim:-

i) Scanned copy of Project completion Report- Annexure-A.

ii) System Integrator Undertaking / Self- Declaration for DCR cells and modules by mentioning the serial numbers of modules (On a plain Paper) (Specimen attached).

iii) Solar system warrantee certificate for 5 years on vendor's letter head and Test certificates of the Solar PV modules & solar Inverter installed.

iv) Solar PV module & Solar Inverter Serial Numbers are to be uploaded in the specified format (Specimen copy enclosed).

v) Net-meter and synchronization report should be uploaded at BTS portal.

7. After PCRs, the concerned officials of TSREDCO will inspect the system in coordination with Empanelled vendor. At the time of inspection, making sure of availability of the beneficiary/Representative at the site.

8. The date of commissioning / synchronization on all the documents wherever applicable MUST be same. Deviations and corrections (overwritten dates) are NOT ALLOWED.

9. The vendors shall double check whether the Service Connection is under domestic or common category and the documentation in consonance shall be prepared. The same shall be brought to the notice of Inspecting Officer during inspections.

10. The subsidy will be released based on the capacity of the plant as follows.

Plant Capacity	Applicable Subsidy
Up to 3 kW	Rs. 14588/- per kW
Above 3 kW and up to 10 kW	Rs. 14588/- per kW for first 3 kW and thereafter Rs. 7294/- per kW
Above 10 kW	Rs. 94822/- fixed

11. Based on the inspection report TSREDCO will recommend to MNRE for the release of CFA. As per MNRE guidelines Subsidy will be transferred to consumer under DBT scheme.
12. TSREDCO /DISCOMS are no way responsible for any dispute arising between the vendor and Beneficiary.
13. All the original documents only to be scanned and uploaded wherever required in the prescribed file formats like PDF, jpeg, jpg, etc.,

Thanking you,

**Sd/-
VC & Managing Director
TSREDCO**

Encl: All the Specimen Proformas.

ANNEXURE- A

Project Completion Report for Grid-Connected Rooftop

Financial year * :			
Approval No. * :			
Proposal Title :			
Installed by agency :			
Title of the Project* :		SPV Capacity (kWp)*:	
Category of the organization/ beneficiary*:		Name of the contact person* :	
Address of contact person* :			
State* :		District/City*:	
Mobile* :		Email*:	
Aadhaar Card Number (For Residential) Copy to be attached.		Latitude:	
		Longitude:	
Other info			
Electricity Distribution Company Name :		Sanction Load	
Electricity consumer account no. as per electricity bill :			

Technology Description & System Design /Specification			
(Compliance to BIS/ IEC Standards is mandatory)			
1. Solar PV Module:			
Power of each PV Module / Nos.(Wp)* / Make			
Cumulative Capacity of Modules(kWp):			
Solar cell technology :		Tilt Angle of Modules:	
Module efficiency (in Percentage) :		Azimuth	
Indigenous or imported		RFID passed inside or outside:	
2. Inverters:			
Type of inverter :			
Power of each PCU/ Nos. of inverters (kVA)* / Make			
Capacity/Power of PCU/inverters (kVA) :		Type of Charge Controller / MPPT	
Inverter efficiency (Full load) : (in percentage)			

Grid connectivity level phase	Single Phase/ Three Phase	Grid connectivity level Voltage	230 V/ 415 V
3. Mounting Structures			
Type		Surface Finish	
Material		Wind Speed Tolerance	
4. Cables:			
DC Cable Make & Size		Length:	
AC Cable Make & Size (Inverter to ACDB)		Length:	
AC Cable Make & Size (ACDB to Electric Panel)		Length:	
Conductor	Multi strand high conductivity Copper	Insulation/sheath	PVC /XLPE Insulated
5. JUNCTION BOX & DISTRIBUTION BOARDS			
Type	weatherproof, dust & vermin proof	Nos.:	
Make			
6. EARTHING & LIGHTNING PROTECTION			
EQUIPMENT EARTHING			
AC (Nos.)		Earth Resistance	
DC (Nos.)		Earth Resistance	
LIGHTNING ARRESTORS (LA)			
Type			
LA (Nos.)		Earth Resistance	

**(Signature of Vendor)
With Stamp**

Commissioning Test Report kW

Inverter Testing (DC) Side: Nos. of Inverter: Nos.

Inverter S. No.	Capacity	String 1: Voc	String 2: Voc	Remark

Inverter Testing (AC) Side – Single / Three Phase

Inverter S. No.	Capacity	R –Y/ P-N	Y – B	B - R	R – N	Y – N	B - N	Remark

ACDB & Meter Panel Testing – Single / Three Phase

	R –Y/P-N	Y – B	B - R	R – N	Y – N	B - N	Remark
ACDB I/C (V)							
ACDB O/G (V)							
Meter Panel I/C							
Meter Panel O/G							

Earthing Pit Details: Nos. of Earth Pit: Nos.

	Earthing AC	Earthing DC	Earthing LA	Remark
Earth Test Value (Ohm)				

Counter signed by

**Signature of the
Site Engineer of Vendor**

Vendor with Stamp

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