

I/7259/2020

No:ANERT-TECH/31/2020-D-T

11/06/2020

CIRCULAR

Sub: - ANERT - PM KUSUM project - Component B-Guidelines, Terms & Conditions reg:-

Ref: - Circular No. F. No. 32/645/2017 - SPV Division Dt 22/07/2019from MNRE, Govt of India.

As per above reference, MNRE Govt of India has issued guidelines for implementation of Component B of PM KUSUM project. As per this guidelines individual farmers will be supported to install standalone solar agricultural pumps of capacity up to 7.5 HP for irrigation system in off-grid areas, **where grid supply is not available and for replacement of existing diesel agricultural pumps**. Based on this order, ANERT will implement this programme in kerala with state and central subsidy.

GENERAL GUIDELINES

1. In off-grid areas, farmers would be supported to install stand alone solar pump sets (including solar panel, VFD and pump set). The existing diesel pump set used for farming will be completely replaced by solar pump set.
2. As per PM KUSUM Component B programme, MNRE, Govt of India will give 30% subsidy and state govt will also give 30% subsidy for the installation of solar agricultural pumps in unelectrified areas. Subsidy amount is limited to 60% of the benchmark cost of MNRE or 60% of the tender cost whichever is less.
3. For the solarization of 1HP pump, minimum 1KW solar power plant is required. For installing 1 HP pump at least 10 sq meters shade free area (Ensure full sunlight from morning 8 AM till evening 6 PM) is required. Also ensure there shouldn't be any chance of building/tree shades in east, west and south directions.
4. For installing solar pump sets, farmers should be having a minimum of 25 cents of agricultural land.

I/7259/2020

5. Enough space should be available near the solar panel for installation of inverter/VFD controller (At least 3 sq meters and restricted entry ventilated space is required).
6. The power generated from the solar module can only be used for running solar agricultural pumps. Water storage facility should be provided by the beneficiary.
7. Beneficiary should remit 40% of the total Cost and this amount shall be deposited to District ANERT Office bank Account. This amount should be released to concerned installation Agency after receipt of materials like solar module, module mounting structure, VFD and pump sets in the work site. Site inspection should be conducted by the concerned District Engineer before releasing payment. 20% of state subsidy will be released after completing the installation work and commissioning work. The remaining balance 10% of state subsidy treated as performance security and this amount will be released in installments as per tender condition, 30% of MNRE subsidy will be released only after receipt of payment from MNRE.
8. Technical specification of all models of solar pumping system should be in accordance with MNRE/ANERT specifications.
9. The state government subsidy is eligible for first 50 nos of (100HP) pump sets during this year.
10. The complete system has 5 years warranty.

TERMS & CONDITIONS

1. Farmers has to produce a self declaration certificate which states that "there is no electrical connection within a radius of 1km of their land".
2. The application form is available in ANERT'S website(www.anert.gov.in) and ANERT District offices.
3. The beneficiary should apply for the scheme by submitting both the Application form and Rs500 DD/online payment(non refundable) made in the name of District engineer/concerned ANERT office.
4. Beneficiary should submit application fees, self attested ID's copy (containing photo) [Adhar card, Voter's ID, Passport or Driving License] and copy of latest tax receipt of agricultural land to which the solar plant is to be installed. All the above mentioned documents should be submitted to district ANERT office.
5. Beneficiaries who applies with insufficient documents, application will be rejected.
6. On the basis of approved application, solar pump will be allotted to farmers based on first cum first serve basis. Each applicant would be provided separate registration numbers. The pump model should be mentioned clearly in the application form.
7. After receiving the registration number, the farmer can opt for any of the approved agency of ANERT according to his/her wish for installation of solar pump.
8. The solar pump set should be installed only after receiving receipt of registration number from District ANERT office.
9. Once the pump model is selected, the beneficiary can select an agency from the empaneled list of ANERT and execute an agreement with that agency with a kerala stamp paper of Rs 200/- as per prescribed format. Following documents should be submitted to ANERT district office for releasing subsidy
 - A) Copy of work order
 - B) Copy of bill materials
 - C) Copy of Agreement
10. After providing Registration number to beneficiary, the Solar pump

I/7259/2020

system should be installed and commissioned within 6 months from the date of registration.

11. Commissioning report, Copy of work order, Copy of bill of materials and copy of agreement copy should be submitted to concerning ANERT district offices for releasing subsidy amount.
12. The District engineer will inspect the installation within 1 week of receipt of documents from beneficiary/agency and forwarded to ANERT HQ with 5 days after completing inspection.
13. The beneficiary must use this system for a minimum period for 5 years without any alteration. Otherwise the beneficiary is liable to pay the entire subsidy amount.
14. It is mandatory to allow ANERT/MNRE officials in the solar pump installation site to inspect the solar pump set's performance in any time.
15. No subsidy other than from ANERT would be claimed for the systems installed under PM KUSUM programme.
16. Both the government and ANERT have full rights to modify the Guidelines and Terms & Conditions of this circular.

ENCLOSURE:-

- I. Cost and subsidy of different model of stand alone pump set enlisted in annexure(1).
- II. Application form and receipt enlisted in annexure(2).
- III. Self Declaration certificate enlisted in annexure(3).

11/06/2020

Director

Copy to,

All District Engineers.
Finance Manager
JM(Audit)
Accounts officer(F & A)
Office copy