CIRCULAR


Ref:- (1) E- File No.253/16/2017-BIOGAS- guidelines issued by Government of India dt. 30/05/2018 and 25/10/2018.
(2) E No.251 /2/2018-BIOGAS, Government of India dated 14/5/2019
(3) E- File No.253 /16/2017 BIOGAS by Government of India Dt. 10/7/2019
(4) G.O. (Rt) No. 920 /2019 AGRI. Dt. Thiruvananthapuram ,10/10/2019

Government of India, as per reference cited (1). issued detailed guidelines for implementation of New National Biogas & Organic Manure Programme (NNBOMP) 2019-20. Targets have been allotted accordingly for setting up of family type biogas plants and for conducting training courses under New National Biogas & Organic Manure Programme (NNBOMP) during 2019-20 with the direction to implement the scheme as per the guidelines/approval issued on 14/05/2019. As per reference no.2 sanction has been accorded for the implementation of the New National Biogas & Organic Manure Programme (NNBOMP) 2019-20 with a physical target of 2900 nos.

As per reference no. 3 issued by Government of India, Department of Agriculture and Department of Rural Development are decided as the implementing agencies for NNBOMP in Kerala and separate revised targets are allotted.

The allocation of physical target for Department of Agriculture for 2019-20 has been revised for 1100 no. of family type biogas plants with a financial outlay of Rs.217.99455 lakhs under head of account 2810-105-99-34 OC (P).

As per reference no. 4 Government of Kerala accorded sanction for an additional assistance of Rs. 100. lakhs under the head of account 2810-00-105-97 (P) for the construction of bio gas plants during 2019-20 hence the working instruction is revised.

The important objectives of the scheme are

- To provide clean cooking fuel for kitchens, lighting and meeting other thermal and small power needs of farmers and to improve organic manure system based on bio slurry from biogas plants in rural and semi urban areas by setting up of biogas plants.
- To meet ‘lifeline energy needs for cooking as envisaged in “Integrated Energy policy” of NITI Aayog
- To mitigate drudgery of rural women and time saving for them for other livelihood activities and reduce pressure on forests and accentuate social benefits.
- To improve sanitation in rural and semi urban areas including linking sanitary toilets with cattle dung biogas plants
- To provide bio-fertilizer / organic manure to reduce use of chemical fertilizers
- To mitigate climate change by preventing black carbon and methane emissions.
- To improve bio waste disposal in rural and urban areas

DETAILS OF THE SCHEME

Rates of Central Financial Assistance (CFA)

Rates of Central Financial Assistance for different approved component of NNBOMP are as given below:

Head of account 2810-105-99-34 OC (P)

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Particulars of CFA</th>
<th>Biogas plant under NNBOMP</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Size</td>
</tr>
<tr>
<td>1</td>
<td>Installation of biogas plant</td>
<td>1 m³, 2-6 m³</td>
</tr>
<tr>
<td>a.</td>
<td>SC/ST Category</td>
<td>Rs.10000/plant, Rs.13000/plant</td>
</tr>
<tr>
<td>b.</td>
<td>General Category</td>
<td>Rs.7500/plant, Rs.12000/plant</td>
</tr>
<tr>
<td>2</td>
<td>Turnkey job fee for construction, supervision, commissioning and fee O &amp; M warranty for 5 years trouble fee operations of plant including quality control at all levels</td>
<td>Rs.1500/plant (for 1M³ - 6M³)</td>
</tr>
<tr>
<td>3</td>
<td>Additional subsidy for cattle dung based biogas plants if linked with sanitary toilets only for individual households</td>
<td>Rs.1600/plant for size for 1M³ - 6M³</td>
</tr>
</tbody>
</table>

ADDITIONAL ASSISTANCE – STATE FUND

Head of Account 2810-00-105-97 (P)

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Additional assistance – State fund</th>
<th>Size of plant</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Installation of biogas plant</td>
<td>Rate of assistance</td>
</tr>
<tr>
<td>a.</td>
<td>SC</td>
<td>Rs. 9000/plant for 1M³ - 25M³</td>
</tr>
<tr>
<td>b.</td>
<td>General Category</td>
<td>Rs. 8000/plant for 1M³ - 25M³</td>
</tr>
</tbody>
</table>

Physical targets and financial targets of state and central funds are given in annexure 1
Only the MNRE approved specifications/ISI marked models of biogas plants as approved by BIS will be eligible for Central Financial Assistance under NNBOMP 2019-20. Under any circumstance, subsidy should not be paid to the beneficiaries before biogas plants are commissioned.

COMPONENTS OF THE SCHEME

(a) Setting up of Family type biogas plant

Appropriate size and models of biogas plants would be selected on the basis of technical requirements such as location, distance between kitchen and cattle shed, availability of water and main feed stock cattle dung and preferences of the beneficiaries etc.

Only the MNRE approved specifications/ISI marked models of biogas plants as approved by BIS will be eligible for Central Financial Assistance under NNBOMP 2019-20. In Kerala situations Deena bandhu models are performing better and hence these models must be given priority in implementation.

It is proposed to construct 1100 numbers of family type biogas plants (General 1000 nos. & SC 100 nos.) The beneficiaries should be advised to use only ISI marked, double burner biogas stoves irrespective of the size of the biogas plant and also should make sure that the thermal efficiency shall not be below 55% for each burner of the biogas plant.

(b) Turn Key Job Fee (TKJF)

The Turn Key Job Fee scheme for biogas plants is linked with 5 years free warranty and guarantee for trouble free functions of biogas plants set up both on Turn Key work contract basis and bidding basis. Bidding is to be done at block level. It is payable to duly recognised and registered biogas turnkey worker, registered societies registered corporate organisations / bodies identified by the Department etc. The indicative guidelines are given at Annexure –V. of reference no.1 (E- File No.253/16/2017-BIOGAS- guidelines issued by government of India dt.30/5/2019 )

This is subject to the condition that the Turn Key Worker should visit the biogas plants twice in a year during the free warranty period of 5 years.

Contract agreements of 5 years for providing biogas services should be entered into with registered and recognized Turn Key Worker (TKW).
Payment of Turn Key Job Fee (TKJF)

TKJF should be paid to the turn key workers in three instalments. On getting the beneficiaries' consent in the form of Completion Certificate (C.C), the 1st instalment of Rs. 1500/- plant (for size range from 1 – 6 m³) out of the total eligible amount of Rs. 2500/- which is to be released after quality construction supervision, including use of specified materials of biogas plant in quantity and quality and successful commissioning of the biogas plants and getting beneficiary's signature as a proof of his acceptance of the successful operation of biogas plant in the Completion Certificate (C.C) of each and every biogas plant unit in the prescribed proforma as in Annexure – XIV. of reference no.1 (E- File No.253/16/2017-BIOGAS-guidelines issued by government of India dt.30/5/2019)

The C.C being issued would be signed by the beneficiary, Biogas Turn Key Worker and Agricultural officer and two independent witness. The two witnesses could be one of his neighbours and another may be gram panchayat ward member and finally counter signed by the Assistant Director of Agriculture. The C.C should be kept ready for audit verifications and plant inspection purposes. The balance TKJF of Rs. 1000/- may be paid in two instalments of Rs. 500/- each, at the end of third year and fifth year after proper verifications of the services provided by the concerned Turn Key Worker, who should visit the installed plants at least twice in a year during the free warranty period of 5 years.

The Principal Agricultural Officer should ensure that the solvency/ bank guarantee is valid for the current year at the time of submission of application for licence with a worth of Rs.35000/district. Only the attested copies of solvency certificate need be sent to the Directorate of Agriculture. The original should be kept with the Principal Agricultural Officer and certificate to this effect should be furnished in the copy forwarded. A Turn Key Register should be maintained by the Principal Agricultural Officer as detailed in Annexure V. of reference no.1 (E- File No. 253/16/2017-BIOGAS-guidelines issued by government of India dt.30/5/2019)

c) TRAINING

In 2019-20 Biogas Development and Training Centre (BDTC), Coimbatore has been approved for providing technical trainings and information and publicity assistance. BDTC, Coimbatore will initiate necessary steps for training. Regional technology training Centre (RTTC), Vellayani should take necessary steps for conducting training by contacting BDTC. Coimbatore and the schedule for training may be prepared and intimated to this office. Deputy
Director of Agriculture, RTTC, Vellayani should collect the list of trainees from respective Principal Agricultural Officers and submitted for approval.

d) SALARY

Salary of eleven employees of the Department of Agriculture who are associated with this biogas scheme is to be drawn from the H.O.A 2810-105-99-01 Salaries. They are regular employees of the Department of Agriculture who is looking after the scheme. (4 -from Directorate of Agriculture, 3- Work superintendents of Thiruvananthapuram (attached with PAO TVM) 4- Work superintendent of Kottayam (attached with PAO Kottayam)

**Safeguards and Maintenance of Records for Audit purposes**

Each biogas plant should be assigned a unique serial number ID along with the year of installation, date of commissioning and having serially numbered matching with the Biogas Permanent Master Register (BPMR) along with the year of installation / with date of commissioning. The subsidy to the beneficiary and Turn Key workers should be made through Direct Benefit Transfer (DBT) Scheme of the Government. ) Refer para 14.1 of the guidelines. (E-File No.253/16/2017-BIOGAS- guidelines issued by government of India dt.30/5/2019)

**Payment of Subsidy/ Central Financial assistance (CFA) for Biogas Plants**

The **Central Financial Assistance** / Subsidy will be disbursed to the beneficiaries of biogas plants by crediting to their bank accounts seeded with their Aadhaar Numbers after completion and commissioning of biogas plants. Commissioning of biogas plants includes laying of quality biogas pipeline, water remover, installation of standard biogas stoves/burner, and generation of biogas plants for its use by the beneficiary concerned and duly issuing the Completion Certificate (CC) of the biogas plant. The applicable **Central Financial Assistance** amount would be disbursed to the beneficiaries as per Schedule 4.7 of the guidelines for the implementation of NNBOMP 2019-20. 10% of the biogas plants should be linked with sanitary toilets. The expenditure including pending claims, if any, will be met from funds available under the Head of account 2810-105-99-34 OC (P) (100% CSS). All transactions under the scheme should be effected through electronic transfer only.

**Additional assistance for biogas plants must be issued only to the plants implemented by Agricultural Department only. Assistance will be issued subject to the availability of funds.**

Physical targets and financial targets of state and central funds are given in annexure 1
Implementation and Monitoring

Deputy Director of Agriculture (Credit) will be in charge of implementing the scheme at District level. At State level Additional Director of Agriculture (Farms Veg. and Biogas) will monitor the scheme.

As per the guidelines issued by Government of India, Department of Agriculture and Department of Rural Development are the implementing agencies for NBOMMP in Kerala and District level and State level co-ordination committee has to be constituted for facilitating the Implementation, supervision and monitoring of the scheme. All PAOs are to take necessary steps to convene District level co-ordination committee chaired by District collector. Details of the committee will be informed.

All PAOs are requested to take urgent action to achieve the allotted target in full during the current year itself.

Sd/

Director of Agriculture

To
All Principal Agricultural Officers, PD, ATMA.

Copy to:-
1) CA to Director of Agriculture.
2) CA to All Addl. Directors of Agriculture.
4) CA to all Joint Directors of Agriculture.
5) TP Section - requested to allot funds as per Annexure 1
6) The DDA, IT cell - to publish the Working Instructions in the website.
7) TJ/Finance section.
9) Stock file/Spare.
## NNBOMP- NEW NATIONAL BIOGAS PROGRAMME 2019-20 PHYSICAL AND FINANCIAL ALLOCATION - State and Central share

<table>
<thead>
<tr>
<th>Sl.no.</th>
<th>District</th>
<th>Biogas Plants Physical target (No.)</th>
<th>Biogas plants Financial Target (Rs. In lakhs)</th>
<th>Q Bill amount</th>
<th>Turn key fees@Rs. (500 per plant Rs. In lakhs)</th>
<th>Total Central fund (Rs. in Lakhs)</th>
<th>State share of additional assistance @ Rs 8000</th>
<th>State share of additional assistance @ Rs 9000</th>
<th>Grand total</th>
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