

TJ .15036/19

Directorate of Agriculture,
Thiruvananthapuram,
Dt. 29 / 10 / 19

CIRCULAR

Sub:- New National Biogas & Organic Manure Programme (NNBOMP) 2019-20 100% CSS – revised Working instruction issued regarding.

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 NBOMMP 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)

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

ADDITIONAL ASSISTANCE -STATE FUND

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

Sl. No	Additional assistance – State fund		Size of plant
1	Installation of biogas plant	Rate of assistance	
	a. SC	Rs. 9000/plant	for 1M ³ -25M ³
	b. General Category	Rs. 8000/plant	for 1M ³ -25M ³

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 grama 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

2. 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. I
- 6) The DDA,IT cell – to publish the Working Instructions in the website.
- 7) TJ/Finance section.
- 9) Stock file/Spare.

15/10/19
Additional Director of Agriculture
(Farms, Biogas & Vegetables)
Directorate of Agriculture
Vikas Bhavan, Thiruvananthapuram-33

T.J. 15036/19															29/10/2019	
ANNEXURE I																
NNBOMP- NEW NATIONAL BIOGAS PROGRAMME 2019-20 PHYSICAL AND FINANCIAL ALLOCATION -State and Central share																
s.no.	District	Central fund						Q Bill amount	Turn Key Fees@Rs. 1500/per plant (Rs. in lakhs)	Salary (Rs in lakhs)	Total Central fund (Rs. in Lakhs)	State share of additional assistance			Grand total	
		Biogas Plants Physical target (No.)			Biogas plants Financial Target (Rs. In lakhs)							@				
		GEN	SC	TOTAL	GEN	SC	TOTAL					Rs 8000	Rs 9000	Total		
	Thiruvananthapuram	110	10	120	1320000	130000	1450000	111000	180000		1741000	880000	90000	970000	2711000	
1	Kollam	75	10	85	900000	130000	1030000	61200	127500		1218700	600000	90000	690000	1908700	
2	Pathanamthitta	45	5	50	540000	65000	605000	56700	75000		736700	360000	45000	405000	1141700	
3	Alappuzha	40	5	45	480000	65000	545000	1200	67500		613700	320000	45000	365000	978700	
4	Kottayam	75	5	80	900000	65000	965000	301700	120000	1274325	2661025	600000	45000	645000	3306025	
5	Idukki	50	10	60	600000	130000	730000	307800	90000		1127800	400000	90000	490000	1617800	
6	Ernakulam	75	5	80	900000	65000	965000	35500	120000		1120500	600000	45000	645000	1765500	
7	Thrissur	110	5	115	1320000	65000	1385000	168000	172500		1725500	880000	45000	925000	2650500	
8	Palakkad	80	5	85	960000	65000	1025000	20500	127500		1173000	640000	45000	685000	1858000	
9	Malappuram	75	5	80	900000	65000	965000	159500	120000		1244500	600000	45000	645000	1889500	
10	Kozhikode	87	5	92	1044000	65000	1109000	69500	138000		1316500	696000	45000	741000	2057500	
11	Wayanad	65	10	75	780000	130000	910000	48400	112500		1070900	520000	90000	610000	1680900	
12	Kannur	63	10	73	756000	130000	886000	111600	109500		1107100	504000	90000	594000	1701100	
13	Kasarode	50	10	60	600000	130000	730000	135000	90000		955000	400000	90000	490000	1445000	
14	Head Quarter (Including salary for the financial year 2018-19 and arrears)									3987530	3987530				3987530	
15	TOTAL	1000	100	1100	12000000	1300000	13300000	1587600	1650000	5261855	21799455	8000000	900000	8900000	30699455	

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DIRECTOR

Additional Director
State Biogas Corporation
Department of Agriculture
Government of Kerala