



ABSTRACT

Mahatma Gandhi National Rural Employment Guarantee Scheme (MGNREGS) - Announcement made by Hon'ble Minister for Municipal Administration, Rural Development and Implementation of Special Programme on the floor of the Legislative Assembly on 21.06.2017 - Construction of 50,000 NADEP Compost Pits and its operations of individual household under MGNREGS for the year 2017-18 - Permission accorded - Guidelines approved - Orders issued

RURAL DEVELOPMENT AND PANCHAYAT RAJ (CGS.1) DEPARTMENT

G.O.(Ms).No.4

Dated: 05.01.2018

Read:

1. Announcement of Hon'ble Minister for Municipal Administration, Rural Development and Implementation of Special Programme on the floor of the Legislative Assembly on 21.06.2017.
2. Director of Rural Development and Panchayat Raj Letters Roc.No.18269/2017/ MGMREGS-I-3, dated 30.03.2017 and 24.10.2017.

ORDER:

The Hon'ble Minister for Municipal Administration, Rural Development, Implementation of Special Programme made the following Announcement on the floor of the Assembly on 21.06.2017:

“மாண்புமிகு இதயதெய்வம் புரட்சித் தலைவி அம்மா அவர்களின் ஆசியுடன், மாண்புமிகு முதலமைச்சர் அவர்களின் ஆணைப்படி, தாழ்த்தப்பட்ட, பழங்குடியின மற்றும் சிறு, குறு விவசாயிகள் தங்களது விவசாய நிலங்களில் வீட்டுக் கழிவு மற்றும் விவசாய கழிவுகளை மக்கச் செய்து, உயிரி உரமாக மாற்றி, விவசாய நிலங்களில் பயன்படுத்திடும் விதமாக 2017-18 ஆம் ஆண்டில் தலா 15,000 ரூபாய் மதிப்பீட்டில் 50,000 விவசாயிகளுக்கு, மொத்தம் 75 கோடி ரூபாய் மதிப்பீட்டில், உரக்குழிகள் அனைத்து மாவட்டங்களிலும் அமைக்கப்படும்”.

2. In the letter 2nd read above, the Director of Rural Development and Panchayat Raj has stated that based on the minutes of the Empowered Committee Meeting on Labour Budget for the year 2017-18, it has been proposed to construct 50,000 NADEP compost pits for individual households so as to convert degradable household waste and agricultural waste into bio-compost effectively at an estimated cost of Rs.75 crore with the unit cost of Rs.15,000/- under MGNREGS for the year 2017-18. Subsequently, the Director of Rural Development and Panchayat Raj was requested to examine the technical feasibility of construction of NADEP Compost Pit at the cost of Rs.7,000/- (per unit) instead of Rs.15,000 per unit.

3. The Director of Rural Development and Panchayat Raj has also stated that in the Guidelines for New / Additional works permitted under MGNREGS issued by Ministry of Rural Development, Gol, dated 10.05.2012, the unit cost for “NADEP

composting" is indicated as Rs.8,000/- and it has also been mentioned that the project cost for each work will be estimated depending on the Schedule of Rate (SoR) prevalent in the respective region / area of work.

4. Further, the Director of Rural Development and Panchayat Raj has stated that the unit cost indicated above is the cost worked out during 2012. Whereas the unit cost indicated in this proposal is prepared based on PWD – SoR – 2017-18 and Rural Schedule of Rate (RSoR) 2017-18. Hence, the unit cost of Rs.7,000/- for "NADEP composting" as suggested by the Government is not sufficient for construction. However, the Director has, submitted reworked the unit cost as following:-

Material cost inclusive of conveyance cost for Cement, Sand, Brick, Aggregate, Thatched leaf, Casuarinas props (10 K.m lead)	Rs.6,811/-
Labour cost inclusive of skilled and unskilled works	Rs.3,830/-
Citizen Information Board (Wall painting only), photographic charges, labour welfare fund and contingencies	Rs.1,259/-
TOTAL	Rs.11,900/-

5. The Director of Rural Development and Panchayat Raj has also worked out the funding pattern for the construction of NADEP Compost pit under MGNREGS for the year 2017-18 as follows:-

(Rupees in Crore)

Description	Material Component (89.08%)			Labour Component (10.92%) (Central Share-100%)	Grand Total
	Central Share-75%	State Share-25%	Total		
50,000 NADEP Compost Pits	39.75	13.25	53.00	6.50	59.50

6. The Director of Rural Development and Panchayat Raj has therefore requested permission for the construction of 50,000 NADEP Compost Pits at a unit cost of Rs.11,900/- totalling to Rs.59.50 crore of estimate cost under Mahatma Gandhi National Rural Employment Guarantee Scheme for the year 2017-18 and approve the guidelines therefor.

7. The Government, after careful examination of the proposal of the Director of Rural Development and Panchayat Raj, hereby accord permission for the construction of 50,000 NADEP Compost Pit for an estimate cost of Rs.59.50 crore (Rupees Fifty Nine Crore and Fifty Lakh only) with a unit cost of Rs.11,900/-, under Mahatma Gandhi National Rural Employment Guarantee Scheme for the year 2017-18 and approve the guidelines annexed to this order.

8. This order is issued with the concurrence of Finance Department vide its U.O.No.56923/RD/2017, dated 23.11.2017.

(BY ORDER OF THE GOVERNOR)

**HANS RAJ VERMA
ADDITIONAL CHIEF SECRETARY TO
GOVERNMENT**

To

The Director of Rural Development and Panchayat Raj,
Chennai – 15.

All District Collectors (Except Chennai)

(Thro' the Director of Rural Development and Panchayat Raj,
Chennai – 15)

All Project Directors, District Rural Development Agencies

(Thro' the Director of Rural Development and Panchayat Raj,
Chennai – 15)

The Accountant General, Chennai – 18.

Copy to:

The Pay and Accounts Office (South), Chennai – 35.

The Finance (RD) Department, Chennai – 9

Chief Minister's Office, Secretariat, Chennai-9.

The Senior Personal Assistant to Hon'ble Minister (Municipal Administration,
Rural Development and Implementation of Special Programme), Chennai-9.

The Principal Private Secretary to Additional Chief Secretary to
Government, Rural Development and Panchayat Raj
Department, Chennai – 9.

The Rural Development and Panchayat Raj (OP.2) Department,
Chennai – 9.

The National Informatics Centre, Chennai – 9.

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//FORWARDED BY ORDER//

SECTION OFFICER

5/11/18

ANNEXURE

GUIDELINES FOR CONSTRUCTION OF NADEP COMPOST PITS FOR INDIVIDUALS AND ITS OPERATION

(G.O.(MS).No.4, RURAL DEVELOPMENT AND PANCHAYAT RAJ (CGS-1) DEPARTMENT, DATED : 05.01.2018)

1. Introduction

The revised Schedule I and II of the MGNREGA Act Para 4(III) (i) permits works for promoting agricultural productivity as noted below:

- i) Works for promoting agricultural productivity by creating durable infrastructure required for bio-fertilizers and post harvest facilities including pucca storage facilities for agricultural produce;

Vermi- Composting a method of producing bio-fertilizers was effectively taken up under MGNREGS during 2016-17 in one Village Panchayat on pilot basis in each Block where the Solid Waste management activity was effectively taking place and where bio degradable wastes were collected in large quantities.

The ownership of the Vermi-compost unit was vested with the Village Panchayat and site was identified nearer to the site where Solid Waste Management activity was taking place since the pre-digested compost available in the compost pits were used for Vermi-composting to produce high quality manure rich in humus and nutrients. The manure /compost produced through the Vermi-compost are utilised for plantation activities of their Village Panchayat at free of cost and the excess compost over and above the need of the Village Panchayat for planting is sold to other Village Panchayats where tree plantation was taken up and to other farmers and general public through District Supply & Marketing Society (DSMS) functioning under Tamil Nadu State Rural Livelihood Mission (TNSRLM).

NADEP compost pits for individual house-holds is also taken up so bio degradable household waste and agricultural waste generated as to convert to bio-compost effectively and to benefit the farmers to increase agricultural productivity.

NADEP Compost Pit in Individual Households:

The NADEP method of making compost is unique, because the process involves a minimum of human effort within a specific period of time in making good compost in large quantities without any significant additional expense.

Selection of Individual Households:

- The households shall be identified in habitations where the regular process of collection of waste by the "Thooimai Kavalar" is not possible because of its isolated nature and distance.
- The households which requires the compost manure for their own agricultural field are to be selected.
- The individual beneficiary shall be a farmer with the land availability for construction of tank.
- In convergence with the Agriculture Department, the beneficiaries may be identified and selected for this scheme.

- The Grama Sabha of the village panchayat shall approve the list of individual farmers for NADEP compost pits.
- The households where agricultural wastes are generated in huge quantity
- Preference shall be given to the Households who has livestock like cattle, goat, chicken, etc., since cow dung/animal wastes can be utilised for making compost
- The unit cost of a NADEP pit of 3.0 m x 1.8 m x 0.9 m size is estimated at Rs.11,900/-. The unskilled labour: material ratio of this work is 9.52:90.48 and 6.00 Mandays is required for the construction of one unit.

Construction:

- This method of making compost involves the construction of a simple, rectangular tank in brickwork with necessary vents for aeration
- The recommended size of the compost tank is 3.0m (length) x 1.8m (width) x 0.9 m (height).
- The entire tank is covered with a thatched roof (Coconut / palm leaves / local available materials) to prevent excessive evaporation of moisture.
- Citizen Information Board shall be erected, on each worksite.

Process to be done by the Individual:

The biodegradable waste should be segregated by the household and it shall be dumped into the compost tank in various layers. Different types of compostable materials from a wide range of organic materials including dead plant material such as crop residues, weeds, forest litter and kitchen waste, dung and soil are successively heaped upon each other and the top of this layer is sealed with a 3 inch plastering of soil mixed with dung. Within 2-3 months dark brown, soft and moist compost, free of all foul odour will be ready for direct application to the agricultural fields.

Compost making is an efficient way of converting all kinds of bio-mass into high value fertilizer that serves as a good alternative to farm yard manure.

HANS RAJ VERMA
ADDITIONAL CHIEF SECRETARY TO
GOVERNMENT

// TRUE COPY //

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SECTION OFFICER

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5/1/18