



ABSTRACT

Mahatma Gandhi National Rural Employment Guarantee Scheme – Desilting 15000 kms of field / supply channel of MI Tanks of Panchayat Unions at an estimated cost of Rs.387.75 crore 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.18

Dated: 01.02.2018

Read:

From the Director of Rural Development and Panchayat Raj Letter
Roc.No.29885/2017/MGNREGS.1-1, dated 22.05.2017 and 26.10.2017.

ORDER:

In the letters read above, the Director of Rural Development and Panchayat Raj has stated that during the Empowered Committee meeting of the Government of India for approval of Labour Budget, it has been decided to take up desilting 15000 kms of field / supply channel of MI Tanks of Panchayat Unions for the year 2017-18 under MGNREGS and approval of Guidelines therefor.

2. The Director of Rural Development and Panchayat Raj has stated that Schedule-I, para 4(1) of the Mahatma Gandhi National Rural Employment Guarantee Act 2005, provides for undertaking public works relating to Natural Resources Management Works. For achieving the State's mission to increase the storage capacity of traditional water bodies like M.I Tanks / Ponds / Ooraries, field supply channels play a major role in harvesting rain water. As these supply channels are silted over a period of time, it is pertinent to desilt them for optimum use of rain water.

3. The Director of Rural Development and Panchayat Raj has further stated that the cost is worked out as Rs.2.55 lakh per Km. The actual cost may vary according to the site conditions like jungles and width of the channel. Further the Director of Rural Development and Panchayat Raj has stated that the following criteria shall be followed in the execution of desilting of the field channels during the year 2017-18:-

1. The Supply channels/ field Channels in and around the catchment area of all the M.I Tanks/Ponds/Ooranies which are proposed under THAI-II Scheme in the year 2016-17 and 2017- 18 shall be selected.
2. The Supply channel of one (or) more series of MI Tanks/Ponds/Ooranies shall also be selected as second priority so as to ensure chain linking and thereby effective storage of surplus water is ensured.
3. The priority list of supply channel, shall be first prepared at the block level and AE(RD), Union Overseer shall inspect the work and prepare the estimate.
4. The Assistant Engineer(RD) shall prepare the estimate for scrub jungle clearance and desilting works under MGNREGS following the standard drawings and as per the RSoR approved for 2017-18. The bed slope is to be maintained.
5. The field engineers should not propose any works which are improved within last 3 years under MGNREGS or under any other Departments. Before giving Administrative sanction the District Collectors should ensure that, no work shall be proposed within 3 years period of improvement undertaken in MGNREGS / other department.
6. The estimate prepared for the field channels under MGNREGS shall be technically approved by the Assistant Executive Engineer (RD).
7. Proposal along with the detailed estimates shall be submitted by Block Development Officer (VP) to Project Director, DRDA.
8. AEE(RD) shall verify 50% of the estimates in the field and 25% of works by EE(RD) and 10% by PD DRDA.
9. The proposal has to be scrutinised by Project Director, DRDA and Executive Engineer(RD) for according administrative approval.
10. The District Collector shall accord the Administrative Sanction.
11. The actual execution of works i.e. desilting of the channels shall be undertaken by the Village Panchayat by utilising MGNREGS workers.
12. All works should be photographed before, during and after the completion of work.
13. The Union Overseer under the guidance of Assistant Engineer (RD)/AEE (RD)/EE(RD) shall extract the work from MGNREGS workers at field as per the standard design drawing.
14. A work file shall also be maintained as per the Ministry of Rural Development, Government of India instruction in the respective panchayats regarding the works taken up and completed and should be produced for inspection whenever called for, by the Inspecting Officers.

15. Issue of Muster Roll, Pre-marking, Undertaking measurement, payment through fund transfer order etc., should be followed in the same manner as it is being done for all other MGNREGS works.
16. Apart from monitoring and inspection by District level officials like District Collector, Project Director, DRDA, Executive Engineer(RD) inspection by a Third party quality monitors like State Quality Monitors and National Level Monitors shall also be made mandatory.
17. Geo Tagging of Work is mandatory and all works shall be geo tagged immediately after completion.
18. Citizen Information Board shall be kept at the work site in the size of 4X3 feet for this works at a cost of Rs.4500/- with all necessary information as per the framework given by the GOI vide No: K11023/1/1/2017 - MGNREGSA(IV), MORD, Dated 07.04.2017. The cost of the information board shall be included in the estimate itself. Wherever existing wall structure is available nearer to the MGNREGS work, wall painting with acrylic emulsion paint of approved brand, letter writing and logo writing will be adopted at a cost of Rs.1000/- for community assets.

4. Moreover, the Director of Rural Development and Panchayat Raj has worked out the funding pattern for execution of desilting of Field/Supply Channels of Minor Irrigation Tanks of Panchayat Unions for 15,000 kms under MGNREGS for the year 2017-18 as follows:-

(Rupees in Crore)

Description	Material Component (2.97%)			Labour Component (97.03%) (Central Share 100%)	Grand Total
	Central Share 75%	State Share 25%	Total		
Cost for desilting of 15,000kms of Field / Supply Channels of Minor Irrigation Tanks (15,000 X Rs.2,58,500)	8.647	2.882	11.529	376.221	387.75

5. The Director of Rural Development and Panchayat Raj has therefore requested permission for desilting 15000 kms of field / supply channel of MI Tanks of Panchayat Unions at an estimated cost of Rs.387.75 Crore, under Mahatma Gandhi National Rural Employment Guarantee Scheme, for the year 2017-18 and approval of Guidelines therefor.

6. The Government, after careful examination of the proposal of the Director of Rural Development and Panchayat Raj, hereby accord permission for desilting 15000 kms of field / supply channel of MI Tanks of Panchayat Unions at an estimated cost of Rs.387.75 Crore during the year 2017-18 under MGNREGS and approve the guidelines annexed to this order.

7. This order is issued with the concurrence of Finance Department vide its U.O.No.56470/RD/2017, dated 06.12.2017.

(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, 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.

Spare copy/Stock file.

//FORWARDED BY ORDER//

SECTION OFFICER

6/12/18
11/2/18

ANNEXURE

G.O.(Ms).No.18, Rural Development and Panchayat Raj (CGS-1) Department,
dated : 01.02.2018

Guidelines for undertaking of Works on Field / Supply Channels of Minor Irrigation Tanks of Panchayat Union for the year 2017-18 under MGNREGS

- The Field/Supply Channels (the entire length) shall be taken up for improvement and desilting.
- Reduced levels are to be taken in order to maintain the bed Level. The Assistant Engineer as well as the Union overseer of the area shall be made personally responsible, for ensuring cross section and Bed slope in the estimates and in actual field level implementation as per the standard cross sectional drawings.
- The equipment for field survey, if not available has to be procured at a minimum cost, by following the tender procedures.
- The estimate shall be prepared based on the field survey using Dumpy level or Total station equipment. The reduced level shall be taken at every 50 m interval.
- The temporary bench mark shall be established in the nearby permanent structures at every 200 m intervals.
- The cross section and longitudinal section drawings shall be prepared based on the reduced level taken at every 50 m intervals.
- The proposed cross section and longitudinal section drawings shall be prepared based on the proposed bed slope.
- The quantity of earthwork shall be calculated based on existing and proposed cross sectional drawings.
- The estimate shall be prepared based on the above quantity calculations.
- Lifting charges may be given where the existing height between the bund top and the bottom of channel is more than 2 metres.
- A single estimate per Village Panchayat for desilting of channels shall be taken up and if there are 2 or more channels they could be enclosed as sub estimates.
- Photographs of every 100m stretch with specific landmarks should be enclosed in the estimate before execution. Photos in three stages ie., before, during and after completion are to be taken. Before making payment, the photos are to be enclosed with M-book after the works are done in that particular stretch.
- GPS coordinates for the works need to be recorded in the estimates and need to be verified by the supervising official and certified.

➤ **Requirements of a work Estimate**

1. Detailed specification report /Technical note.
2. Abstract estimate.
3. Detailed estimate.
4. Trial pit particulars to be furnished and the rate that is to be adopted according to the type of soil.
5. Working Drawing, Cross section drawing of the channel at every 50m interval.
6. Pre-measurement particulars and drawings (coloured) of the proposed site should be compulsorily a part of the estimate.
7. FMB Sketch.
8. Hydraulic particulars i.e. bed slope, bed width etc.,
9. Photographs of every 100m.

Points to be followed During Execution

1. The bench marks shall be fixed at frequent interval for checking of bed slope.
2. Pre-marking shall be done for six days.
3. The work shall be commenced from start point of channel (ie) catchment to inlet points of M.I Tank Ponds / Ooraries (Head to Tail)
4. The model cross section based on proposed bed level shall be prepared at frequent interval by the Overseer in every premarked location for easy execution by MGNREGS labourers.
5. Bund for the Supply Channel is to be formed and strengthened as per the standard cross sectional drawings. Excess earth after forming of bund shall be dumped on the top of bund and compacted.
6. Sectioning and Compaction of such bunds formed shall be undertaken daily.
7. Dead man (Thandoos & Muttoos) is to be left out to calculate the depth of the earthwork excavated and it shall be removed after check measurement by the competent authority.

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

// TRUE COPY //

A. C. J. 1/2/18
SECTION OFFICER

6/10/18
1/2/18