



ABSTRACT

Mahatma Gandhi National Rural Employment Guarantee Scheme - Constructions of Culverts, Minor Bridges, Compound Walls, Food Grain Godowns, Milk Collection Centers and Kitchen Sheds in Rural areas at an estimate cost of Rs.687.65 Crore during the financial year 2021-22 – Permission accorded – Orders – Issued.

RURAL DEVELOPMENT AND PANCHAYAT RAJ (CGS.1) DEPARTMENT

G.O.(Ms). No.22

Dated: 08.03.2022

பிலவ, மாசி 24

திருவள்ளூர் ஆண்டு 2053

Read:

From the Director of Rural Development and Panchayat Raj, Letter Roc.No.52653/2021/MGNREGS-II-2, Dated: 15.11.2021.

ORDER:

The Director of Rural Development and Panchayat Raj in the letter read above, has stated that in Para 4(1) IV (ii) of Schedule-I of the National Rural Employment Guarantee Act, 2005 states that "Providing all-weather rural road connectivity to unconnected villages and to connect identified rural production centres to the existing pucca road network; and construction of pucca internal roads or streets including side drains and culverts within a village;". Revised Schedule I of the National Rural Employment Guarantee Act, 2005 Paragraph 4 (1) IV (iii) & (iv) Category-D: Rural Infra Structure provides "works for restoration of essential public infrastructure and as per the permissible list of works, the construction of Compound Wall for Government Schools as Community Asset is allowed. Revised Schedule I of the National Rural Employment Guarantee Act, 2005 Paragraph 4 (1) IV (iii) & (iv) Category-D: (v) permits the construction of buildings for Gram Panchayats, Women Self Help Group Federations, Cyclone Shelters, Anganwadi Centres, Village Haats and Crematoria, Construction of play fields, Creating Infra-structure for promotion of fisheries such as Fish Drying Yards, Storage Facilities, and promotion of fisheries in seasonal water bodies on public land.

2. The Director of Rural Development and Panchayat Raj has further stated that the Para 7.7(c) of Annual Master Circular 2020-21 of Mahatma Gandhi National Rural Employment Guarantee Act permits the construction of Milk Collection Centres for collection, storage, value addition and marketing for the benefit of the Milk Producers / Farmers in rural areas. The Para 7.7(f) of Annual Master Circular 2020-21 of Mahatma Gandhi National Rural Employment Guarantee Act permits the construction of Kitchen Shed for collection, Dining hall of the size required to cater to the need of the students

in the schools may also be constructed under Mahatma Gandhi National Rural Employment Guarantee Scheme in rural areas. In the "Permissible Works List" communicated by Ministry of Rural Development, Government of India, the construction of Culverts, Minor Bridges, Compound Walls, Food Grain Godowns, Milk Collection Centers and Kitchen Sheds are approved as detailed below:-

SI No	Name of the Work	Category	Serial Number
1	Culverts	D – Rural Infrastructure	100
2	Minor Bridges	D – Rural Infrastructure	100
3	Compound Walls	D – Rural Infrastructure	258
4	Food Grain Godowns	D – Rural Infrastructure	5
5	Milk Collection Centres	C – Common Infrastructure	13 Non NRM
6	Kitchen Sheds	C – Rural Infrastructure	11

3. The Director of Rural Development and Panchayat Raj has proposed to undertake above works under Mahatma Gandhi National Rural Employment Guarantee Scheme during the financial year 2021-22 as detailed below:-

450 Nos. of 1.5m Span Culvert, 400 Nos. of 3.00m Span Culvert, 350 Nos. of Minor Bridges, 650 Km of Compound Wall, 100 Nos. of Food Grain Godown, 100 Nos. of Milk Collection Centers and 388 Nos. of Kitchen Shed during the financial year 2021-22 as standalone works under Mahatma Gandhi National Rural Employment Guarantee Scheme. The above works were approved by the Empowered Committee, Ministry of Rural Development, Government of India during the Empowered committee Meeting held on 12.02.2021. The guidelines for Planning, selection and execution of above works during the year 2021-22 shall be followed as mentioned below:-

(1) 450 Nos. of 1.5m Span Culvert, 400 Nos. of 3.00m Span Culvert and 350 Nos. of Minor Bridge:

- Construction of cross drainage structures shall be selected on the following basis (i) roads which are connecting habitations, (ii) taluk and panchayat head quarters, (iii) roads linking to marketing centres, educational centres, health centres, etc.
- The Existing damaged cross drainage structures and cross drainage structures having insufficient vent way shall also be selected.

- Normally, when the ground generally slopes from one side to another, the embankment intercepts natural flow of rainwater. In such cases, balancing culverts are provided at the rate of one per 500m length of road to avoid water logging.
- Selection of type of cross drainage structure for a particular road primarily depends on the linear waterway and hydraulic particulars apart from topography, catchment area, Cross-section of the stream at proposed crossing, High Flood Level / Maximum Flood Level and Road Top Level, etc.,
- Span of the culvert, Minor bridge and causeway shall be fixed based on linear waterway of the channel/stream.
- Generally, for catchment area of less than 1.25 sq km (125 hectares), a culvert is required and if the catchment area is more than 1.25 sq km, a minor bridge is to be provided.
- Causeways should be adopted only after knowing the duration and magnitude of floods in the past, spread and depth of water during floods and post monsoon period. Causeways may be provided wherever the velocity of water flow does not exceed 6m/sec. The causeway is to be constructed on a particular road which should be of not much economic importance.
- The opinion of the local farmers/ Residents of that area shall also be taken into account in deciding the need for causeway.

Funding pattern

The Labour cost is borne 100% by the Government of India and the material cost is shared at the ratio of 75:25 by the Government of India and the State Government and the detailed funding pattern is as follows:-

Construction of Culverts and Minor Bridge:

The fund requirement and the central and state share is detailed below:

(Rupees in crore)

Sl. No	Category	Nos.	Estimate Amount (Rs. in Lakhs) Unit Cost	Labour (Rs. in Lakhs) Unit Cost	Material (Rs. in Lakhs) Unit Cost	Total Labour (Rs. in Crores) (100% Gol funding)	Total Material (Rs. in Crores)	Grand Total (Rs. in Crores)	Central Share - 75% Material (Rs. in Crores)	State Share 25% Material (Rs. in Crores)	Labour Material Ratio
1.	1.50m Span Culvert	450	5.31	0.63	4.68	2.84	21.06	23.90	15.80	5.26	11.80:88.20
2.	3.00m Span Culvert	400	8.58	1.07	7.51	4.27	30.05	34.32	22.54	7.51	12.43:87.57
3.	Minor Bridge	350	34.88	4.24	30.64	14.84	107.24	122.08	80.43	26.81	12.17:87.83
	TOTAL	1200				21.95	158.35	180.30	118.77	39.58	12.13:87.87

Abstract of Central and State Share:

Central Share: (100% labour component + 75% Material component)	= Rs. 21.95 Crore + Rs.118.77 Crore = Rs.140.72 Crore
State Share: (25% Material component)	= Rs. 39.58 Crore
Total	= Rs.180.30 Crore

(2) 650 Km of Compound Wall:

- The Revised Schedule 1 of the National Rural Employment Guarantee Act, 2005 Paragraph 4 (1) IV (iii) & (iv) Category-D: Rural Infra Structure provides "works for restoration of essential public infrastructure and as per the permissible list of works under construction of Compound Wall for Government Schools as Community Asset is allowed. In Tamil Nadu, the Government Elementary and Middle schools are one of the important Rural assets which need to be strengthened by developing additional infrastructure like compound wall, for the safety of students.
- The Compound Wall shall be constructed for Panchayat Union Elementary and Middle Schools only which are located in Village Panchayat area and also under the maintenance of Panchayat Union.
- The Priority list of Schools and length of Compound Wall shall be obtained from the Chief Educational Officer or the District Elementary Educational Officer of the concerned districts.
- The priority shall be for the schools located in Mission Antyodaya villages, Sansad Adarsh Gram Yojana (SAGY) Villages identified by the Hon'ble Member of Parliament, and SC/ST/ Hilly area/Villages.
- The priority shall be given to schools based on the students strength, schools abutting the road, abutting any water course and the schools already covered by compound wall on the two sides by any other Schemes.
- The Government of Tamil Nadu has been undertaking the Construction of Compound walls for Government Elementary and Middle Schools in rural areas, under Mahatma Gandhi National Rural Employment Guarantee Scheme since financial year 2017-18 considering the need for construction of Compound walls in High Schools and Higher Secondary Schools, during the current Financial Year, it is proposed to undertake this activity in all the Government run schools (Elementary schools, Middle Schools, High Schools and Higher Secondary Schools) in rural areas.
- No Objection Certificate from the Public Works Department should be obtained by the Chief Educational Officer for the construction of compound wall to High Schools and Higher secondary Schools, before according administrative sanction by the Collector.

Construction of Compound Wall:

The cost for the construction of Compound Wall for a length of 1 Km will be Rs.70,30,000/-. The labour and material cost ratio is 10.21:89.79. The Labour cost is borne 100% by the Government of India and the material cost is shared at the ratio of 75:25 by the Government of India and the State Government. The fund requirement and the central and state share for the construction of Compound Wall / Flood Control and Protection Wall is as follows:-

(Rupees in Crore)

Description of Work	Material Component (89.79%)			Labour Component (10.21%) (Central Share 100%)	Grand Total
	Central Share (75%)	State Share (25%)	Total		
Cost of Construction of Compound wall/Km = Rs.70.30 Cost of 650Km = 650*Rs.70.30 Lakhs = Rs.45695.00 Lakhs (ie., Rs.456.95 Crores)	307.73	102.57	410.30	46.65	456.95

Abstract for Central share and State share:

Central Share (75% Material Component) + (100% Labour Component)	= Rs. 307.73 Crore +Rs. 46.65 Crore = Rs. 354.38 Crore
State Share (25% Material Component)	= Rs. 102.57 Crore
Total	= Rs. 456.95 Crore

(3) 100 Nos. of Food Grain Godown:

- The Village Panchayat President and Block Development Officer (Village Panchayat) should take utmost care in finalizing the site for construction of common infra-structure facilities.
- Building(s) for common infra-structure facilities shall be constructed in the land vested with Government or Panchayat Raj Institution.
- In case of non-availability of land belonging to Government or Panchayat Raj Institution, then efforts should be taken to acquire the land through donations, etc.,
- The site selected should be within the habitations and selection of site far away from habitation be avoided.

Construction of Food Grain Godown:

The Labour cost is borne 100% by the Government of India and the material cost is shared at the ratio of 75:25 by the Government of India and the State Government. The fund requirement and the central and state share is as follows:-

(Rupees in Crore)

Description	Material Component (91.33%)			Labour Component (8.67%) (Central Share 100%)	Grand Total
	Central Share (75%)	State Share (25%)	Total		
Cost of Construction of Food Grain Godown / No. = 14.59 Lakhs. Cost for 100 numbers of Food Grain Godown = Rs.1459.00 Lakhs = (Rs.14.59 Crore)	10.00	3.33	13.33	1.26	14.59

Abstract of Central and State Share:

Central Share: (100% labour component + 75% Material component)	= Rs.1.26 Crore + Rs.10.00 Crore = Rs.11.26 Crore
State Share: (25% Material component)	= Rs. 3.33 Crore
Total	= Rs.14.59 Crore

(4) 100 Nos. of Milk Collection Center:

- The site selected for the construction of Milk collection Centres should have been registered in the name of society.
- In selection and prioritization of the beneficiary society, the District level primary milk producer co-operative society should be consulted.
- The construction of Milk Collection Centres should be as per the design and drawing as suggested by Aavin.

Construction of Milk Collection Center:

The unit cost for the Construction of Milk Collection Centre will be Rs.16,41,000/-. The labour and material cost ratio is 9.35:90.65. The Labour cost is borne 100% by the Government of India and the material cost is shared at the ratio of 75:25 by the Government of India and the State Government. The fund requirement and the central and state share is as follows:-

(Rupees in Crores)

Description	Material Component (90.65%)			Labour Component (9.35%) (Central Share 100%)	Total
	Central Share (75%)	State Share (25%)	Total		
Cost of construction of 100 Milk Collection Centre 100 No's x Rs. 16.41 Lakhs= Rs. 1641.00 Lakhs (Rs.16.41 Crores)	11.16	3.72	14.88	1.53	16.41

Abstract of Central and State Share:

Central Share: (100% labour component + 75% Material component)	= Rs.1.53 Crores + Rs.11.16 Crores = Rs.12.69 Crores
State Share: (25% Material component)	= Rs. 3.72 Crores
Total	= Rs.16.41 Crores

(5) Construction of Kitchen Shed:

- Priority should be given wherever utmost necessary kitchen shed is not available.
- Student strength in the school also to be taken into consider for the selection.

The unit cost for the construction of Kitchen shed will be Rs.5,00,000/-. The labour and material cost ratio is 9.90:90.10. The Labour cost is borne 100% by the Government of India and the material cost is shared at the ratio of 75:25 by the

Government of India and the State Government. The fund requirement and the central and state share is as follows:-

(Rupees in Crore)

Description	Material Component (90.10%)			Labour Component (9.90%) (Central Share 100%)	Total
	Central Share (75%)	State Share (25%)	Total		
Cost of construction of 388 Kitchen sheds 388 No's x Rs. 5.00 Lakhs = Rs. 1940.00 Lakhs (Rs.19.40 Crores)	13.11	4.37	17.48	1.92	19.40

Abstract of Central and State Share:

Central Share: (100% labour component + 75% Material component)	= Rs.1.92 Crore + Rs.13.11 Crore = Rs.15.03 Crore
State Share: (25% Material component)	= Rs. 4.37 Crore
Total	= Rs.19.40 Crore

The unit costs for the above works are calculated based on the Standard type design and Rural Schedule of Rates 2021-22. However, the actual estimate may vary according to the site condition and issue of PWD Schedule of Rate. The Government of India have notified the wage rate for the financial year 2021-22 as Rs.273/- per day in respect of Tamil Nadu.

Non-Negotiable Items:

1. Citizen Information Board shall be kept at the work site in 3 X 4 feet with all necessary information as per the framework given by the Government of India vide Ref No: K-11023/1/1/2017 – MGNREGA (IV), MoRD, Dated 07.04.2017. The cost of Citizen Information Board will be fixed at Rs.4,500/- per unit. The cost of the Citizen Information Board shall be included in the estimate itself.

2. Estimate creation, Administrative sanction and Technical sanction shall be done in SECURE software.
3. The Notified Wage Rate as per G.O. (Ms). No.60, Rural Development and Panchayat Raj (CGS.1) Department, Dated: 15.04.2021 and the Rural Schedule of Rates finalised in G.O. (Ms). No.74, Rural Development and Panchayat Raj (CGS.1) Department, Dated:07.06.2021 shall be adopted. In case of any revision made in Rural Schedule of Rates in future, the same shall be adopted.

In addition to the above said guidelines, the following shall also be adhered to during the execution of works;

- Resolution should be obtained for in the Gram Sabha for all the selected works and it should be entered work wise in Register No.2 of Mahatma Gandhi National Rural Employment Guarantee Act of Village Panchayats concerned.

The Abstract of the constructions of Culverts, Minor Bridges, Compound Wall, Milk Collection Centres and Kitchen Sheds in Rural Areas are given below:-

Abstract

S. No.	Name of the Scheme	Total No. of works taken up (in Nos. / Kms)	Total Allocation Amount (Rs. in crore)	Government of India Share (Rs. In Crore)	State Share (Rs. in Crore)
1	1.5m Span Culvert, 3.00m Span Culvert and Minor Bridge (in Nos.)	1200 (450+400+350)	180.30	140.72	39.58
2	Compound Wall (in Kms)	650	456.95	354.38	102.57
3	Food Grain Godown (in Nos.)	100	14.59	11.26	3.33
4	Milk Collection Centre (in Nos.)	100	16.41	12.69	3.72
5	Kitchen Shed (in Nos.)	388	19.40	15.03	4.37
Total		2438	687.65	534.08	153.57

4. Therefore, the Director of Rural Development and Panchayat Raj has requested the sanctioning orders of the Government for the construction of 450 Nos. of 1.5m Span Culvert (Rs.23.90 crore), 400 Nos. of 3.00m Span Culvert (Rs.34.32 crore), 350 Nos. of Minor Bridges (Rs.122.08 Crore), 650 Km of Compound Wall (Rs.456.95 Crore), 100 Nos. of Food Grain Godown (Rs.14.59 Crore), 100 Nos. of Milk Collection Center (Rs.16.41 Crore) and 388 Nos. of Kitchen Shed (Rs.19.40 Crore)

at a total estimated cost of Rs.687.65 Crore during the financial year 2021-22 under Mahatma Gandhi National Rural Employment Guarantee Scheme.

5. The Government after careful examination, have decided to accept the proposal of the Director of Rural Development and Panchayat Raj and accord sanction for the construction of 450 Nos. of 1.5m Span Culvert at total cost of Rs.23.90 Crore, 400 Nos. of 3.00m Span Culvert at total cost of Rs.34.32 Crore, 350 Nos. of Minor Bridges at total cost of Rs.122.08 Crore, 650 Km of Compound Wall at total cost of Rs.456.95 Crore, 100 Nos. of Food Grain Godown at total cost of Rs.14.59 Crore, 100 Nos. of Milk Collection Center at total cost of Rs.16.41 Crore and 388 Nos. of Kitchen Shed at a total cost of Rs.19.40 crore and the overall total estimated cost of Rs.687.65 Crore (Rupees Six hundred Eighty Seven crore and Sixty Five lakhs only) during the Financial Year 2021-22 under Mahatma Gandhi National Rural Employment Guarantee Scheme.

6. This order is issued with the concurrence of Finance Department vide its U.O.No.9736/Fin(RD)/2022, dated 03.03.2022

(BY ORDER OF THE GOVERNOR)

**P.AMUDHA,
PRINCIPAL SECRETARY TO GOVERNMENT**

To

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

All District Collectors (Except Chennai)

(Thro' the DRD & PR, Chennai – 15)

All Project Directors, DRDA.,

(Thro' the DRD & PR, Chennai – 15)

The Accountant General, Chennai – 18.

Copy to:

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

The Finance (RD) Department, Chennai – 9

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

The Senior Personal Assistant to Hon'ble Minister (Rural Development), Chennai – 9.

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

The Rural Development and Panchayat Raj (OP.2) / (B&C) Dept., Chennai – 9.

The National Informatics Centre, Chennai – 9.

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SECTION OFFICER.