

**Govt. of India**  
**Ministry of Human Resource Development**  
**Dept. of School Education and Literacy**  
**Mid Day Meal Division**

**PAB-MDM meeting**  
**to consider and approve AWP&B 2019-20**

**(Date of the meeting: 10.05.2019)**



मध्याह्न भोजन योजना  
Mid Day Meal Scheme

**APPRAISAL NOTE**

**STATE : KERALA**

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## **Good Practices**

- a) Provision of additional food items viz. egg or banana and milk from its own resources,
- b) Additional contribution by State in Cooking Cost (Rs. 3.65 in primary and Rs. 1.49 in upper primary).
- c) Additional contribution by State in honorarium to cook-cum-helpers (Rs.7600 per CCH) per month per CCH.
- d) Breakfast served in 3000 schools using Local Self Government Institutions/ NGOs/Charitable Trusts/PTA funds.
- e) School Nutrition Gardens set up in 7325 schools.
- f) 20 lakh kits and seedlings were distributed to children and 30,000 hectares of land in schools and houses of children was used for vegetable cultivation.
- g) 1,29,956 kg of vegetables, 25,983 kg of rice and 82,934 kg of fruits cultivated under Matrubhumi Seed Programme.
- h) Pre-positioning of funds with implementing agencies in the beginning of the year.
- i) 6321 kitchen-cum-stores constructed in convergence.
- j) Tasting of Food by Teachers, SMC Members and Mother PTA in all schools.
- k) 5 kg rice given to children from State resources during the Onam festival vacations
- l) LPG is used as fuel in all schools..

## **Issues**

- a) Less coverage (9%) of children in upper primary against PAB approval.
- b) Less coverage of 20 school working days in upper primary.
- c) Delay in the construction of 3031 kitchen-cum-stores sanctioned in 2017-18.

## **Part-A : General Information**

### **Introduction:**

The Mid Day Meal Scheme was first introduced in Kerala during 1984 in the Lower Primary Schools functioning in 222 Villages, having Fishermen as majority community. The scheme was extended to all Lower Primary schools (I to IV) during 1985. The scheme was further extended to Upper Primary Schools ( V to VII) in 87-88 and students of class VIII were covered under the scheme during 2007-08. Cooked food is served to the children by using rice, pulses, vegetables, egg, milk and coconut oil/palmolien.

Government of India launched the above scheme as a Centrally Sponsored one on 15<sup>th</sup> of August 1995. The centrally sponsored scheme originally covered the children of primary stage studying in classes I to V, in Government, Local bodies and Govt. Aided Schools. The scheme was further extended to the children studying in Education Guarantee Scheme (EGS) and Alternative Innovative Education centers also, in October 2002.

also to make the children eat a common dish at a common place in their respective school premises and thereby establish cordial relationship, mutual understanding, healthy friendship and emotional unity among children

By implementing the scheme, it is hoped that at least 90% class attendance can be ensured every day and drop out of pupils in the midst of an academic year can be avoided. The objective of the scheme is not only to give food to school pupils by Government but

also to make the children eat a common dish at a common place in their respective school premises and thereby establish cordial relationship, mutual understanding, healthy friendship and emotional unity among children.

**1. Basic Information:**

**(Year 2018-19)**

S. No.	INDICATORS	STATUS		
		PRY	U PRY	TOTAL
<b>1. No. of Institutions</b>				
		PRY	U PRY	TOTAL
i)	Approved by MDM-PAB for 2018-19	6804	6804	6804
ii)	Covered during the year	5537	5537	5537
<b>2. No. of Children</b>				
i)	Approved by MDM-PAB	1606107	1070573	2654807
ii)	Enrollment as on 30.9.2018	1662998	1065753	2728751
iii)	Average No. of children availed MDM during 01.04.2018 to 31.03.2019	1606107	972619	2578726
<b>3. Coverage of children as per Quarterly Progress Report (QPR)</b>				
i)	Average no. of children availed MDM as per <b>QPR-1</b>	1603442	964080	2567522
ii)	Average no. of children availed MDM as per <b>QPR-2</b>	1603448	964706	2568154
iii)	Average no. of children availed MDM as per <b>QPR-3</b>	1603775	964599	2568374
iv)	Average no. of children availed MDM as per <b>QPR-4</b>	1611174	988980	2600154
<b>4. No. of Working Days</b>				
i)	Approved for 2018-19	200	220	
ii)	Covered during <b>2018-19</b>	199	200	
<b>5. Per unit cooking cost Per child per day (in Rs.)</b>				
Average cooking cost per child per day		8.00	8.00	
State's contributions in cooking cost per child per day		5.39	4.09	

*\*percentage to enrolment*

# The minimum mandatory State Share is Rs. 1.74 and Rs. 2.60 per child per day for primary and upper primary respectively.

## Part B: Review of the Performance of the scheme during 2018-19

### 1. Coverage of children and PGI points:

The PAB-MDM has approved 1584234 children at primary and 1070573 children at upper primary level, out of which 1606107 children at primary and 972614 children at upper primary have availed Mid Day Meal on an average basis during the year.

Stage	PAB-MDM Approval	Average number of children availed MDM	% children availed MDM
Primary	1584234	1606107	101
Upper Primary	1070573	972620	91
Total	2654807	2578727	97

Under Performance Grading Index (PGI), the Kerala obtained score of 10 against the weightage of 10 for indicator No. 1.3.7 i.e. “% of elementary school’s children taking MDM against target approved in PAB – in Govt. and aided schools”. It was observed that there is a significant difference in the proportion of children covered at primary and upper primary level as is evident from 101% coverage at primary level compared to 91% at upper primary level as against PAB-MDM approval. It was also observed that the coverage is below the State average in districts Pathanamthitha (88%), Kottayam & Thrissur (84%), Ernakulum (82%), Kozhikode (89%).

### 2. School Working Days:

The PAB-MDM has approved 200 working days at primary and 220 working days at upper primary level, out of which Mid Day Meal was served on 199 and 200 working days for primary and upper primary levels respectively. Secretary, General

Education, Government of Kerala mentioned that schools had to be closed in the State due to heavy floods in August-September, 2018. Under Performance Grading Index (PGI), the Kerala obtained score of 10 against the weightage of 10 for indicator No. 1.3.8 i.e. “% of days Mid Day Meal served against total working days – Govt. and aided elementary schools”.

### **3. Kitchen cum store :**

Central assistance of Rs. 15202.81 Lakh has been released for construction of 5431 Kitchen-cum-Stores from 2006-07 to 2017-18. As on 31.3.2019, construction has been completed for 2450 Kitchen-cum-stores. The State has not started construction work for kitchen-cum-stores in 3031 schools. The State Government informed that e-tendering process for the construction of these 3031 kitchen-cum-stores has been started and construction work will be completed by 30.09.2019. The State was advised to ensure that the construction of remaining kitchen-cum-stores by 30.09.2019.

The State of Kerala has proposed repair for 1285 kitchen-cum-stores with an outlay of Rs 128.50. Lakh, which comprises of Rs 77.10. lakh as central share and Rs 51.40 Lakh as State share. The State has not submitted the Schedule of Rates (SoR) approved by the State Government. Funds may be released to the State on receipt of duly approved SoRs.

### **4. Kitchen Devices (new as well as replacement):**

Central assistance of Rs.617.90 lakh has been released towards procurement as well as replacement of 12358 units of kitchen devices. The State has reported that 12358 units of kitchen devices have been procured. Central Assistance of Rs. 73.65 lakh was further released during 2016-17 for the replacement of 1473 units of kitchen devices Against this the State has procured 1473 Kitchen devices.

The State of Kerala has not proposed replacement of kitchen devices.

## **5. School Nutrition Gardens:**

The State proposed to develop and maintain 12341 School Nutrition Gardens at an estimated expenditure of Rs. 617.05 lakh (@Rs.5000/- per SNG) comprising of Rs.370.23 lakh central share and Rs.246.82 lakh State Share. The proposal from the State is as per norms.

## **6. School Health Programme (RBSK, WIFS, NDD etc.) and Nutrition in convergence with other Ministries:**

It was observed that health check up has been carried out for 26,73,996 children, out of total enrolment of 27,28,751 children.

<b>Enrolment</b>	<b>No. of Children</b>		
	<b>Health check up (RBSK)</b>	<b>Iron &amp; Folic Acid tablets (WIFS)</b>	<b>De-worming tablets (NDD)</b>
<b>27,28,751</b>	<b>26,73,996</b>	<b>7,56,685</b>	<b>22,43,495</b>

Secretary, DoSE&L, enquired about the monitoring mechanism adopted by the State / UT for effective implementation of these programmes.

## **7. Tithi Bhojan:**

The Concept of "Tithi Bhojan", a community participation programme has not started as yet by the Government of Kerala. However, parents and teachers associations as well as community together distribute sweets on special occasions such as festivals, anniversaries, birthdays, marriages, and days of national importance etc. The State of Kerala proposes to adopt 'Tithi Bhojan' concept during 2019-20 through community participation in Mid Day Meal Scheme. It was emphasized that Tithi Bhojan is not a substitute to Mid-day Meal and this only supplements or complements Mid - Day Meal.

#### **8. Training of Cook-cum-helpers and other capacity building activities:**

State has informed that training has been imparted to all the 14389 cook-cum-helpers engaged in 12,341 schools, with the help of State Food Craft Institute under the State Department of Tourism. The training for 14,389 cook-cum-helpers is proposed during August-September, 2019-20. The expenditure for these activities will be met from MME component.

#### **9. Cooking Competition:**

The State has proposed to organize cooking competitions at various levels i.e. Block level, District level and State level in 12,341 schools for promoting variety menu. Under this, nutritionists will examine the recipes to ensure compliance with nutrition standards as laid down in Mid-Day Meal guidelines, and the judges will also include children because they are the ones for whom the meal is being cooked. The expenditure for these activities will be met from MME component.

#### **10. Supplementary nutritional items (milk, egg etc.):**

The State informed that they are providing additional items i.e. egg or banana once in a week and 150 ml hot boiled milk twice a week from their own resources in all 12,341 schools in 14 districts, in addition to the Mid Day Meal.

#### **11. Data Entry on MIS-Web Portal:**

MDM-MIS portal captures information on critical indicators of MDMS. The annual data entry module captures master data on availability of kitchen-cum-stores, kitchen devices, no. of cook-cum-helpers engaged, mode of cooking etc. The monthly data entry module captures data on no. of days Mid Day Meal was served; number of meals served, honorarium paid to cook-cum-helpers engaged, no. of children received IFA tablets, no. of children screened under RBSK etc. The State



of Kerala has completed 100% both the Annual and Monthly data entries in the MIS portal.

### **12. Status of implementation of Automated Monitoring System:**

AMS has been put in place for real time monitoring of MDMS. Data on number of meals served on the particular day and reasons if meals not served is being captured from schools with no cost to school head masters/teachers. Out of 12,341 schools, daily data has been reported by 10,694 schools i.e. 87% schools on Automated Monitoring System. In this regard, email alerts are being sent to all States/UTs on daily basis from NIC server. The State is requested to ensure that daily data is being reported by 100% schools on all school working days. Further the State is also advised to analyze the data and use it for better monitoring of the scheme.

### **13. Usage of Temples, Gurudwaras, Jails etc.:**

The State may be advised to explore the possibility of involving Temples, Gurudwaras, Jails for providing Mid Day Meal

### **14. Centralized kitchens:**

No Centralized kitchen has been engaged for supplying meal to children in any school.

### **15. Awareness generation activities:**

State has informed that following activities have been carried out for awareness generation at a total cost of Rs.1,25,000/- during 2018-19 :

- i) Published handbooks, flipbooks, brochures and albums and circulated them to parent and student community.
- ii) Cycle rallies, poster campaigns, special assemblies, training by food safety and health department were organized

The State has proposed the following activities for 2019-20

- d) Cultural and Art festivals related to MDM will be undertaken in the month of November, 2019
- ii) Publicity through print and visual media
- iii) Preparing promotional videos highlighting the best practices in MDM.

The expenditure for these activities will be met from MME component

**16. Social Audit:**

Social Audit has not been conducted so far. State has proposed to cover Alapuzha and Wayanad districts under Social Audit during 2019-20 through Kerala Institute of Local Administration (KILA) - a government agency for imparting capacity building and training to Local Self Government (LSG) or Kerala Shashtra Sahitya Parishad - an independent agency working to promote scientific consciousness among people. The expenditure for these activities will be met from MME component.

**17. Use of LPG:**

12,341(100% of schools) are using LPG as mode of fuel.

**18. Meeting of District level Steering cum Monitoring Committee:**

As per the information provided 29 meetings of District Level Steering cum Monitoring Committee under the chairpersonship of the District collector have taken place against the mandated 168. The State is advised to ensure that meetings District Level Steering-cum-Monitoring Committee are held on monthly basis.

**19. Use of Millets / Coarse grains:**

It was mentioned that Ministry of Agriculture had decided to celebrate 2018-19 as 'Year of nutri cereals (Millets)'. Millets may continue to be used this year also. It was suggested that the State to explore the possibilities to introduce millets in Mid Day Meal Scheme.

**Part C: Recommendations of the appraisal Team and quantification of central assistance for 2019-20.**

<b>S. No.</b>	<b>Component</b>	<b>PAB Approval 2018-19</b>	<b>Proposal for 2019-20</b>	<b>PAB recommendations for 2019-20</b>
<b>1</b>	<b>Institutions</b>			
1.1	Primary	6804	6804	6804
1.2	Upper Primary	5537	5537	5537
<b>2</b>	<b>Children</b>			
2.1	Primary	1584234	1611174	1611174
2.2	Upper Primary	1070573	988980	988980
2.3	NCLP	0	0	0
<b>3</b>	<b>Working Days</b>			
3.1	Primary	200	200	200
3.2	Upper Primary	220	220	220
3.3	NCLP	0		0
<b>4</b>	<b>Cook cum Helper</b>			
4.1	Primary	9217	9217	9217
4.2	Upper Primary	8456	8456	8456
<b>5</b>	<b>Drought</b>			
5.1	Children (Pry)	0	0	0
5.2	Children (U Pry)	0	0	0
5.3	Working days	0	0	0
5.4	Cook-cum-helpers	0	0	0
<b>6</b>	<b>Non Recurring</b>			
6.1	Kitchen-cum-Stores	0	0	0
6.2	Repair of kitchen-cum-stores	0	1285	1285
6.3	Kitchen Devices	0	0	0
6.4	Kitchen Devices (Replacement)	0	0	0
6.5	Flexible funds for new interventions			

6.5.1	Supplementary Nutrition over and above existing provisions (including additional items already being provided by State / UT) – <i>No. of children</i>	0		
6.5.2	School Kitchen Gardens	0	12341	12341
6.5.3	..... Any other proposal	0	0	0
<b>7</b>	<b>Central Assistance (Rs in Lakh)</b>			
7.1	Regular	21224.59	21460.82	21460.82
7.2	Drought	0.00	0.00	0.00
7.3	Kitchen cum Store	0.00	0.00	0.00
7.4	Repair of kitchen-cum-stores	0.00	77.10	77.10
7.5	Kitchen Devices (new)	0.00	0.00	0.00
7.6	Kitchen Devices (Replacement)	0.00	0.00	0.00
7.7	Flexible funds for new interventions (SNG-5016 schools & sustaining already set up SNGs 7325 SNGs)	0.00	370.23	370.23
<b>7.8</b>	<b>Grand Total</b>	<b>21224.59</b>	<b>21908.15</b>	<b>21908.15</b>

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**QUANTIFICATION OF CENTRAL ASSISTANCE FOR 2019-20**

**A. Food grains**

Sl. No.	Stage	No. of Children	Working days	Quantity (in MTs)
1	Primary (@ 100 gms per child per school day)	1611174	200	32223.48
2	U. Primary (@150 gms per child per school day)	988980	220	32636.34
3	NCLP ( @150 gms per child per school day)	--	--	--
4	Drought			
4.1	Primary	0	0	0
4.2	Upper Primary	0	0	0
<b>TOTAL</b>		<b>0</b>	<b>0</b>	<b>0</b>

**B. Cost of Food-grains, Cooking cost, Transport Assistance, Hon. to cook-cum-helpers and Management Monitoring and Evaluation (MME)**

Sl. No.	Component/norm	Amount admissible
		(Rs. in lakh)
1	2	3
<b>Primary</b>		
1	Cost of Food grains @ Rs. 3000 per MT for rice	966.70
2	Unit Cooking Cost- Rs. 4.35 per child per day	
2.1	Central Share @ Rs. 2.61 per child per day	8410.33
2.2	<b>Minimum Mandatory State Share @ Rs.1.74 per child per day</b>	5606.89
3	Transportation Cost @ Rs1500 Per MT food grains	483.35
4	<b>Honorarium for cook cum Helper</b>	
4.1	<b>Central Share - @ Rs 600 for 10 months)</b>	553.02
4.2	<b>State Share - @ Rs 400 for 10 months)</b>	368.68
5	Management Monitoring and Evaluation (MME) @ 2.7% of the i) Cost of food grains ii) Cooking cost iii) Cost of transportation and iv) Honorarium to cook – cum-helpers	281.16
<b>Total Central Share for Primary</b>		<b>10694.56</b>

<b>Upper Primary</b>		
6	Cost of Food grains @Rs3000 per MT for rice	979.09
7	<b>Unit Cooking Cost- Rs. 6.51 per child per day</b>	
7.1	<b>Central share @ Rs. 3.91 per child per day</b>	8507.21
7.2	<b>Minimum Mandatory State Share @ Rs2.6 per child per day</b>	5656.97
8	Transportation cost @ Rs1500 Per MT food grains	489.55
9	<b>Honorarium for cook cum Helper</b>	
9.1	<b>Central Share - @ Rs 600 for 10 months)</b>	507.36
9.2	<b>State Share - @ Rs 400 for 10 months)</b>	338.24
10	Management Monitoring and Evaluation (MME) @ 2.7% of the 1) Cost of food grains 2) Cooking cost 3) Cost of transportation and 4) Honorarium to cook – cum-helpers	283.05
<b>Total Central Share for Upper Primary</b>		<b>10766.26</b>
<b>NCLP</b>		
11	Cost of Food grains	0.00
12	<b>Unit Cooking Cost</b>	
12.1	<b>Central share</b>	0.00
12.2	<b>Minimum Mandatory State Share</b>	0.00
12.3	Transportation cost	0.00
12.4	Management Monitoring and Evaluation (MME) 1) Cost of food grains 2) Cooking cost and 3) Cost of transportation	0.00
<b>Total Central Share for NCLP</b>		<b>0.00</b>
<b>Total of Central Share (Primary + Upper Primary + NCLP)</b>		<b>21460.82</b>

**C. Drought (If Applicable) – Not Applicable**

Sl. No.	Component/norm	Amount admissible
		(Rs. in lakh)
1	2	3
<b>Primary</b>		
1	Cost of Food grains	0.00
2	<b>Unit Cooking Cost-</b>	
2.1	<b>Central Share</b>	0.00
2.2	<b>Minimum Mandatory State Share</b>	0.00
3	Transportation Cost	0.00
4	<b>Honorarium for cook cum Helper</b>	
4.1	<b>Central Share -</b>	0.00

4.2	<b>State Share -</b>	0.00
5	Management Monitoring and Evaluation (MME) @ 2.7% of the i) Cost of food grains ii) Cooking cost iii) Cost of transportation and iv) Honorarium to cook – cum-helpers	0.00
<b>Total Central Share for Primary (Drought)</b>		0.00
<b>Upper Primary</b>		
6	Cost of Food grains	0.00
7	<b>Unit Cooking Cost-</b>	
7.1	<b>Central share</b>	0.00
7.2	<b>Minimum Mandatory State Share</b>	0.00
8	Transportation cost	0.00
9	<b>Honorarium for cook cum Helper</b>	
9.1	<b>Central Share -</b>	0.00
9.2	<b>State Share -</b>	0.00
10	Management Monitoring and Evaluation (MME) i) Cost of food grains ii) Cooking cost iii) Cost of transportation and iv) Honorarium to cook – cum-helpers	0.00
<b>Total Central Share for Upper Primary (Drought)</b>		<b>0.00</b>
<b>Total Primary + Upper Primary (Drought)</b>		<b>0.00</b>

**D. Non-recurring**

Sl. No.	Component	Amount admissible (Rs in Lakh)
1	Kitchen-cum-store	0.00
2	Repair of kitchen-cum-store	77.10
3	Kitchen Devices (New)	0.00
4	Kitchen Devices (Replacement)	0.00
5	Flexible funds for new interventions	0.00
5.1	Supplementary Nutrition over and above existing provisions (including additional items already being provided by State / UT)	0.00
5.2	School Nutrition Gardens	370.23
5.3	..... Any other proposal	0
<b>Total Central Share (Non-recurring)</b>		<b>447.33</b>

**E. Total Requirement of Funds for 2019-20**

**(Rs. in lakh)**

<b>Component</b>		<b>Centre Share</b>	<b>Minimum Mandatory State share</b>
Recurring	Normal	21460.82	11970.78
	Drought	0.00	0.00
Non- recurring		447.33	298.22
<b>Grand Total</b>		<b>21908.15</b>	<b>12269.00</b>

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