



2<sup>nd</sup> Half Yearly Monitoring Report

Of  
Mid-Day-Meal Programme.

National Capital Territory (NCT) Delhi

for the period of

October 1, 2013 to March 31, 2014.

Districts covered:

(1) South West Delhi (2) South Delhi, (3) South East Delhi

Submitted to:

MHRD, Department of School Education and Literacy, GOI

By

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## ACKNOWLEDGEMENT

This report focuses on the progress in implementation of Mid Day Meal programme in Delhi between October 1, 2013 to March 31, 2013. The findings have been examined and analysed using data gathered from schools of districts New Delhi, Central Delhi and West Delhi. Data has been obtained through field survey and study. Over the said period, Monitoring Institute has taken into account its interaction with school Principals/HOS, concerned teachers, observations, information gathered from students and parents of respective sampled schools.

We are also thankful to Additional Secretary and Director, MDM, MHRD, Department of School Education & Literacy, New Delhi, for guidance in our monitoring activities.

We express our thanks to Principal Secretary Education, Education Director, Additional Director, MDM, Directorate of Education Govt. of NCT Delhi, Director Primary Education, South Delhi Municipal Corporation, Deputy Director of Education, South West Delhi, South Delhi and South East Delhi, school principals, teachers and community members/parents, whose cooperation helped in successful completion of the report.

We express our deep sense of gratitude to our Director, Prof. Sanjay Kumar for his inspiration and motivation to complete the work in time.

We hope that the findings of the report will be useful in planning and further implementation of MDM programme.

Dr. Priyadarshini Vijaisri

Project Director, SSA/Mid Day Meal

## 1. Introduction

Mid Day Meal Programme aims to supplement the initiative launched under Sarva Shiksha Abhiyan (SSA) to universalize elementary education. It focuses on enhancing enrollment, retention, attendance and simultaneously improving nutritional levels among children. The National Programme of Nutritional Support to Primary Education (NP-NSPE) was launched as a Centrally Sponsored Scheme on 15th August 1995, initially in 2408 administrative blocks in the country. By the year 1997-98 the NP-NSPE was introduced in all administrative blocks of the country.

According to the programme the Government of India shall provide grains free of cost and the States will provide the costs of other ingredients, salaries and infrastructure. Since most State governments were unwilling to commit budgetary resources they just passed on the grains from Government of India to parents. This system was called provision of 'dry rations'. On November 28, 2001 the Supreme Court of India gave a landmark direction that made it mandatory for the state governments to provide cooked meals instead of 'dry rations'. The direction was to be implemented beginning June 2002. It was further extended the same year to cover not only children in classes I -V of Government, Government-aided and local body schools, but also children studying in EGS and AIE/Special Training Centre (STC).

There is also evidence to suggest that apart from enhancing school attendance and child nutrition, Mid Day Meals have an important social value and foster equality. As children learn to sit together and share a common meal, one can expect erosion of caste prejudices and class inequality. Moreover, cultural traditions and social structures often mean that girls are much more affected by hunger and malnutrition than boys. Thus the Mid Day Meal programme can also reduce existing gender gap in education and upbringing.

In October 2007, the scheme was further revised to cover children in upper primary (classes VI to VIII). It was initially begun in 3479 Educationally Backwards Blocks (EBBs). Since 2008-09, the programme covers all children studying in Government, Local Body and Government-aided primary and upper primary schools and the EGS/AIE/Special Training Centers including Madarsa and Maqtabas supported under SSA across the country. The caloric value of a Mid Day Meal at upper primary stage has been fixed at a minimum of 700 calories and 20 grams of protein by providing 150 grams of food grains (rice/wheat) per child/school.

Since 2009 the following changes have been made to improve implementation of the scheme:

a) Food norms have been revised to ensure balanced and nutritious diet to children of upper primary group by increasing the quantity of pulses from 25 to 30 grams, vegetables from 65 to 75 grams and by decreasing the quantity of oil and fat from 10 grams to 7.5 grams.

b) Cooking cost (excluding labour and administrative charges) has been revised from Rs.1.68 to Rs. 2.50 for primary and from Rs. 2.20 to Rs. 3.75 for upper primary children from Dec. 1, 2009 to facilitate serving meal to eligible children in prescribed quantity and of good quality. Cooking cost is being revised @ 7.5% 1.4.2011 each financial year.

c) Honorarium for cooks and helpers was paid from labour and other administrative charges of Rs.0.40 per child per day. It is provided for under cooking cost. In many cases the honorarium was too little to engage manpower. A separate component for payment of honorarium @ Rs.1000 per month per cook-cum-helper was introduced from Dec. 1 2009. Following norms for engagement of cook-cum-helper have been made: (i) One cook- cum-helper for schools up to 25 students. (ii) Two cooks-cum-helpers for schools with 26 to 100 students. (iii) One additional cook-cum-helper for every addition of up to 100 students. More than 26 lakhs cook-cum-helpers were engaged by the State/UTs during 2010-11 for preparation and serving of Mid Day Meal to Children in Elementary Classes.

A successful implementation of any programme is an essential core step for its impact while a close and careful monitoring spread over the entire course of its implementation assures its effective and efficient enforcement. In MDM

monitoring of programme implementation was assigned a special significance; the revised NP-NSPE, 2004 scheme also provided for a 4-tier institutional mechanism for programme management, through constitution of Steering-cum-Monitoring Committees at the National, State, District and Block levels.

GOI has sought collaboration with various reputed and established research and educational organizations of the country to act as Monitoring Institutions (MIs).

Centre for the Study Developing Societies (CSDS), Rajpur Road, Delhi, a social sciences research institute of repute functioning under the aegis of the ICSSR (Indian Council of Social Science Research) was identified as one of the Monitoring Institutes for the National Capital Territory of Delhi. As per the MOU with MHRD CSDS is entrusted with monitoring MDM programmes from April 1, 2013 to March 31, 2015.

In the monitoring process the CSDS team focused on schools in three districts: South West Delhi, South Delhi and South East Delhi. This report is based on fieldwork; secondary data collected from state MDM Cell, i.e. Directorate of Education (DOE), South Delhi Municipal Corporation and Delhi Cantonment Board (DCB) comprising interviews Principals/Headmasters, Mid Day Meal in-charge, students, parents and MI's own field observations. As per the new terms of reference the MI shall also ensure that it covers at least 40 schools from each district. The schools visited by MI comprise of four categories: 1. Delhi Government schools (DOE), 2. South Delhi Municipal Corporation 3. Delhi Cantonment Boards 4. Government- aided schools.

Under this programme, nutritional support is provided to children of Directorate of Education (DOE), New Delhi Municipal Council-- (NDMC), South Delhi Municipal Corporation (SDMC), North Delhi Municipal Corporation (NDMC), East Delhi Municipal Corporation (EDMC), Delhi Cantonment Board (DCB), and aided schools. Mid Day Meal has been outsourced to NGOs and Trusts. These organizations have installed centralized semi automated kitchens in Delhi.

On the basis of field visits and observations by our monitoring team we assess the implementation of MDM has been reasonably good.

However certain inadequacies have come into sharp focus during our survey. We would like to draw attention towards them so that they could be rectified and program implementation fine tuned.

### **Methodology:**

The methodology followed is in accordance with requirements stipulated for monitoring. *A minimum of 40 schools have been covered* in each district. As in our monitoring activity, our survey method sought to ensure there was adequate representation of boys', girls', co-educational schools' and aided schools. We have also taken care to include schools administered under different authorities i.e. Directorate of education, South Delhi Municipal Corporation, Delhi cantonment Board and Aided schools. All gathered data is duly certified by Principals/ HOS of schools and MDM Suppliers Kitchen In-charge.

MI representatives collected data and information through scrutiny of records, interactions, interviews, photographs and observations, available records at different levels including students' attendance registers, school level community monitoring register and parents.

Sample covered: - Details of the numbers of primary and upper primary schools, in South West Delhi, South Delhi and South East Delhi districts have been given in the table below.

Break-up of Schools visited: Table -1

S.No.	Name of Districts	Type of schools	No. of schools/ kitchen visited
1.	South West Delhi	(1) Directorate of Education (DOE)  (2) South Delhi Municipal Corporation (SDMC)  (3) Delhi Cantonment Board (DCB) (4) Aided (5) MDM suppliers Kitchens	21  20 01 01 02
2.	South Delhi Delhi	(1) Directorate of Education (DOE)  (2) South Delhi Municipal Corporation (SDMC)  (3) Aided (4) MDM suppliers Kitchens	20  20 01 02
3.	South East Delhi  Delhi	(1) Directorate of Education (DOE)  (2) South Delhi Municipal Corporation (SDMC)  (3) Aided (4) MDM suppliers Kitchens	20  20 01 01
	<b>Total</b>	-----	130



## 1.1. General Information

Sl. No.	Subject	Details
1.	Name of the monitoring institution	Centre for the Study of Developing Societies(CSDS)
2.	Period of the report	1 <sup>st</sup> October 2013 to 31 <sup>st</sup> March 2014
3.	No. of Districts allocated	Three
4.	District names (write the districts names which the MI has monitored)	1. South West Delhi 2. South Delhi 3. South East Delhi.
5.	Month of visit to the Districts /blocks (Information is to be given for district wise i.e District 1, District 2, District 3 etc)	
	District 1 (write the district name and month)	South West Delhi- April 19, 2014 to 9.5.2014, 3.7.2014 to 9.7.2014.
	District 2 (write the district name and month)	South Delhi-4.7.2014 to 16.7.2014
	District 3 (write the district name and month)	South East Delhi -19.8.2014 to 30.8.2014.
6.	MI selected the schools as per the criteria : Yes/No (Ref: As per the ToR 2013-15 point 4 (iii) under scale of work)	
	(i) Higher gender gap in enrolment	Yes
	(ii) Higher population of SC/ST students,	Yes
	(iii) Low retention rate and higher dropout rate	Yes
	(iv) The School has a minimum of three CWSN	Yes
	(v) The habitation where the school is located at has sizeable number of OOSC	Yes
	(vi) The habitations where the school is located at witnesses in bound and out bound seasonal migration,	Yes
	(vii) The ward/unit of planning where the school is located at is known to have sizeable number of urban deprived children	Yes
	(viii) The school is located in a forest or far flung area	NA
	(ix) The habitation where the school is located at witnesses recurrent floods or some other natural calamity	NA
	(x) Pupil Teacher Ratio (PTR) at school level	Yes
7.	Types of Schools visited as per the ToR 2013-15: Yes/No (Ref: As per the ToR 2013-15 point 4(iv) under scale of work)	
	(i) 8 schools from urban areas visited Yes	55
	(ii) if yes write the number	

	(iii) 6 schools from Special Training Centers (3 residential and 3 non-residential) visited : Yes (iv) if yes write the number	8
	(v) 2 schools from civil works sanctioned Yes (vi) if yes write the number Number in next column??	06
	(vii) 2 schools from NPEGEL blocks No (viii) if yes write the number	NA
	(ix) 3 schools from CWSN (priority to those having other than Orthopaedic Impairment (OI children) Yes/ No (x) if yes write the number	80
	(xi) 3 schools from Computer Aided Learning (CAL) and KGBV scheme Yes/No (xii) if yes write the number	55
	(xiii) 3 schools from KGBV scheme Yes/No (xiv) if yes write the number	NA
<b>8.</b>	The selection of schools (for all the districts to be monitored) shall be done on the basis of the latest school report card generated through DISE, HHS data and consultation with the district SSA functionaries: Yes/No <i>Ref: TOR 2013-15 point 4(v) under scale of work (The procedure and criteria adopted, for the selection of schools shall from an essential part of the MIs report.)</i>	YES
<b>9.</b>	Total number of elementary schools in each district allocated. Information is to be obtained from SPO/DPO office. <i>(Information is to be given for district wise i.e. District 1, District 2, District 3 etc)</i>	
	District 1: (Write district name and also provide number of elementary schools in each district)	285
	District 2 : (Write district name and also provide number of elementary schools in each district)	185
	District3: (Write district name and also provide number of elementary schools in each district)	162

10.	Number of elementary schools (primary and upper primary) covered/ monitored <i>(Information is to be given for district wise i.e. District 1, District 2, District 3 etc)</i>	
	District 1 : (Write district name and also provide number of elementary schools monitored in each district)	43
	District 2 : (Write district name and also provide number of elementary schools monitored in each district)	41
	District3: (Write district name and also provide number of elementary schools monitored in each district)	41
11.	Number of elementary schools visited by Nodal Officer of the Monitoring Institute <i>[Ref: As per the MoU 2013-15 signed between MI and MHRD as per point 3 (vi) (the Nodal Officer must visit himself/herself at least one third of the selected schools in every block of 6 months, and make a mention in the report to be submitted to TSG/MHRD)]</i> <i>(It means the Nodal officer has to visit 13 Schools)</i> <i>Kindly mention the no of schools visited by the Nodal officer and in the list of schools enclosed for each district wise kindly mention in which schools the nodal officer has visited).</i>	39
	District 1: (Write district name and no. of school visited by the Nodal Officer)	13
	District 2 :(Write district name and no. of school visited by the Nodal Officer)	13
	District3: (Write district name and no. of school visited by the Nodal Officer)	13
12.	Whether the MI has sent their report to the Additional Director MDM at the draft level : YES / NO <i>(Ref: TOR 2013-15 point 5(i) under Reports)</i>	yes
13.	After submission of the draft report to the Additional Director MDM office whether the MI has received any comments from the SPO office : YES / NO <i>(Ref: TOR 2013-15 point 5(ii) under Reports)</i>	
14.	Before sending the reports to the GOI whether the MI has shared the report with SPO: YES / NO <i>(Ref: TOR 2013-15 point 5(iii &amp; iv) under Reports)</i>	

15.	Items to be attached with the report	
	a) List of Schools with DISE code visited by MI and list of schools visited by the Nodal Officer.- Annexure I	Yes
	b) Any other relevant documents (only circulars/Amendments/Notices) – Annexure II	-----

**Executive summary of Mid - Day Meal of South West Delhi, South Delhi and South East Delhi districts**

Name of Districts	Indicators:
South West Delhi	<p><u>1.Availability of food grains:</u> Data gathered from Mid-day meal suppliers of Directorate of Education (DOE) and South Delhi Municipal Corporation (SDMC) and Delhi Cantonment Board (DCB) reveals food grains are delivered to them in advance. It is procured from FCI every two months.</p>
South Delhi	<p>Data gathered from Mid-day meal suppliers of Directorate of Education (DOE) and South Delhi and Municipal Corporation (SDMC) reveals food grains are delivered to them in advance. It is procured from FCI every two months.</p>
South East Delhi	<p>Data gathered from Mid-day meal suppliers of Directorate of Education (DOE) and South Delhi Municipal Corporation (SDMC) reveals food grains are delivered to them in advance. It is procured from FCI every two months.</p>
	<p><u>2. Timely release of funds:</u></p>
South West Delhi	<p>Directorate of Education (DOE) state nodal agency releases funds to South Delhi Municipal Corporation (SDMC) twice a financial year i.e. July and November. While Delhi Govt. fund released to district from 1<sup>st</sup> April 2014. MME funds are released in February 2014. SDMC (Najafgarh zone) has not released MME fund to schools.</p>
South Delhi	<p>Directorate of Education (DOE) state nodal agency releases funds to South Delhi Municipal Corporation (SDMC) twice a financial year i.e. July and November. While Delhi Govt. schools fund released to district from 1<sup>st</sup> April 2014. MME funds are released in February 2014. SDMC( South Zone) has not released MME fund to schools.</p>
South East Delhi	<p>Directorate of Education (DOE) state nodal agency releases funds to South Delhi Municipal Corporation (SDMC) twice a financial year i.e. July and November. While Delhi Govt. schools fund released to district from 1<sup>st</sup> April 2014. MME fund are released in 2014. SDMC (Central zone) has not released MME fund to schools.</p>
	<p><u>3.Availability of Cooking Cost:</u></p>
	<p>South Delhi Municipal Corporation (SDMC) schools MDM cooking</p>

Name of Districts	Indicators:
South West Delhi	costs are available at Zonal level. DOE schools Cooking cost is available at district level. MDM suppliers informed they are not paid cooking cost in advance. DOE and Municipal Corporation (SDMC) suppliers, however, informed of receiving cooking costs from District /Zonal Office 60-70 days after serving meals. This mode of payment is similar in both south and south East Delhi as noted below.
South Delhi	South Delhi Municipal Corporation (SDMC) schools MDM cooking costs are available at Zonal level. DOE schools Cooking cost is available at district level. MDM suppliers informed they are not paid cooking cost in advance. DOE and Municipal Corporation (SDMC) suppliers, however, informed of receiving cooking costs from Zonal Office 60-70 days after serving meals.
South East Delhi	South Delhi Municipal Corporation (SDMC) Schools MDM cooking costs are available at Zonal level. DOE schools Cooking cost is available at district level. MDM suppliers informed they are not paid cooking cost in advance. DOE and Municipal Corporation (SDMC) suppliers, however, informed of receiving cooking costs from District /Zonal Office 60-70 days after serving meal.
<b><u>4.Availability of Cook-cum-helpers:</u></b>	
South West Delhi	Cookcum-helpers are engaged by Mid Day Meal suppliers in Directorate of Education (DOE) South Delhi Municipal Corporation (SDMC) Delhi Cantonment Board (DCB) schools. In MI's observation they come from economically weaker sections. They serve meals at schools in orderly ways.
South Delhi	Cook - cum-helpers are engaged by Mid Day Meal suppliers in Directorate of Education (DOE) South Delhi Municipal Corporation (SDMC) schools. In MI's observation they come from economically weaker sections. They serve meals at schools in orderly ways.
South East Delhi	Cook-cum-helpers are engaged by Mid Day Meal suppliers in Directorate of Education (DOE) South Delhi Municipal Corporation (SDMC) schools. In MI's observation they come from economically weaker sections. They serve meals at schools in orderly ways. However, in all the tree districts training in hygiene and sanitation in discharge of their work is recommended.

Name of Districts	Indicators:
	<u>5. Regularity in Serving Meal :</u>
South West Delhi	All (43) sampled schools of Directorate of Education (DOE) south Delhi Municipal Corporation(SDMC), aided and Delhi Cantonment Board (DCB) visited by MI were found serving freshly cooked meals to children on every school day. Meals are cooked fresh at Centralized Kitchens of MDM Suppliers.
South Delhi	All (41) sampled schools of Directorate of Education (DOE) south Delhi Municipal Corporation (SDMC) and aided visited by MI were found serving freshly cooked meals to children on every school day. Meals are cooked fresh at Centralized Kitchens of MDM Suppliers.
South East Delhi	Similarly all (41) sampled schools of Directorate of Education (DOE) south Delhi Municipal Corporation (SDMC) and aided visited by MI were found serving freshly cooked meals to children on every school day. Meals are cooked fresh at Centralized Kitchens of MDM Suppliers.
	<u>6. Quality &amp;Quantity of Meal:</u>
South West Delhi	According to feedback from all sampled schools children of primary and upper primary schools and MI's own spot observations, quality of meals supplied is average. Wheat based and rice based cooked meal quantity was found less than prescribed.
South Delhi	According to feedback from all sampled schools children of primary and upper primary schools and MI's own spot observations, quality of meals supplied is average. In this case too, Wheat based and rice based cooked meal quantity was found less than prescribed.
South East Delhi	According to feedback from all sampled schools children of primary and upper primary schools and MI's own spot observations, quality of meals supplied is average. There too, Wheat based and rice based cooked meal quantity is less than prescribed amount.
	<u>7.Variety of Menu:</u>
South West Delhi	Meals are provided in all sampled schools according to the prescribed menu, 3 days rice based and 3 days wheat based. Children and teachers informed that green vegetable was rarely provided with Dal and curry.
South Delhi	Meals are provided in all sampled schools according to the prescribed menu, 3 days rice based and 3 days wheat based. Green vegetable

Name of Districts	Indicators:
	was rarely provided with Dal and curry as per available information.
South East Delhi	Meals are provided in all schools according to the prescribed menu, i.e. 3 days they are rice based and 3 days wheat based. Children and teachers informed that green vegetable was rarely provided with Dal and curry.
	<u>8.Display of Information under Right to Education Act, 2009 at the school level at prominent place:</u>
South West Delhi	All sampled DOE, SDMC, Delhi Cantonment Board (DCB) and aided schools have information board under Right to Education Act 2009. However, none of the schools adhered to displaying information on number of children are present and numbers of children who availed of MDM on the given day. This is another common issue across in schools, as will evident below.
South Delhi	All sampled DOE, SDMC and aided schools have information board under Right to Education Act 2009. However, none of the schools adhered to displaying information on numbers of children are present and numbers of children who availed of MDM on the given day.
South East Delhi	All sampled DOE, SDMC and aided schools have information board under Right to Education Act 2009. Again, none of the schools adhered to displaying information on numbers of children present and numbers of children who availed of MDM on the given day.
	<u>9.Trends:</u>
South West Delhi	On MI's visit day 81% of primary and 74% of upper primary school children had availed MDM. The previous day's record of MDM utilization revealed 89% of primary and 90% of upper primary children had availed. The gap for primary children stood at 8% and for the upper primary at 16%.
South Delhi	On MI's visit day 72% of primary and 63% of upper primary school children had availed MDM. The previous day's record of MDM utilization revealed 79% of primary and 78% of upper primary children had availed. The gap for primary children stood at 7% and for the upper primary at 15%.



Name of Districts	Indicators:
South East Delhi	On MI's visit day 80% of primary and 76% of upper primary school children had availed MDM. The previous day's record of MDM utilization revealed 88% of primary and 88% of upper primary children had availed. The gap for primary children stood at 8% and for the upper primary at 12%.
	<u>10.Social Equity:</u>
South West Delhi	MI did not observe any caste, gender or community discrimination in seating arrangements in classrooms in any sampled school. Similarly, no discrimination was identified in serving or partaking of MDM. Sampled school children were served meals by and large in orderly manner. This positive factor is common in all three districts.
South Delhi	MI did not observe any caste, gender or community discrimination in seating arrangements in classrooms in any sampled school. Similarly, no discrimination was identified in serving or partaking of MDM. Meal was generally served in orderly manner.
South East Delhi	MI did not observe any caste, gender or community discrimination in seating arrangements in classrooms in any sampled school. Similarly, no discrimination was identified in serving or partaking of MDM. Sampled school children were served meals by and large in orderly manner.
	<u>11.Convergence With Other Schemes:</u> <b>1. Sarva Shiksha Abhiyan</b>
South West Delhi	Civil work, SMC training and medical assessment of CWSN were found at convergence with SSA Programme.
South Delhi	Civil work, SMC training and medical assessment of CWSN were found at convergence with SSA Programme.
South East Delhi	Civil work, SMC training and medical assessment of CWSN were found at convergence with SSA Programme.
	<b>2. School Health Programme:</b>
South West	Of the said schools none of DOE and South Delhi Municipal Corporation school has maintained school health cards. However Delhi Cantonment Board schools maintain the cards. 20 South Delhi

Name of Districts	Indicators:
Delhi	Municipal Corporation and 21 DOE, 1 aided and 1 DCB schools were visited by Health Department personnel over the year for children's health check up. Chacha Nehru Health Scheme was found covering children at Directorate of Education Schools. <i>South Delhi Municipal Corporation Health Department covers children under School Medical Scheme.</i> However, sampled aided schools have no health cover for children. Weekly Iron Folic Scheme (WIFS) tablets were found given to children of South Delhi Municipal Corporation, DOE, DCB and aided schools.
South Delhi	Of the visited schools of DOE and South Delhi Municipal Corporation none has maintained school health cards. In 20 South Delhi Municipal Corporation and 20 DOE and 1 aided school were visited by Health Department personnel over the year for children's health check up. Chacha Nehru Health Scheme was found covering children at Directorate of Education Schools. <i>South Delhi Municipal Corporation Health Department covers children under School Medical Scheme.</i> Sampled aided schools have no health cover for children. Weekly Iron Folic Scheme (WIFS) tablets were found given to children of South Delhi Municipal Corporation, DOE and aided schools.
South East Delhi	None of DOE and South Delhi Municipal Corporation schools have maintained school health cards. In 20 South Delhi Municipal Corporation and 20 DOE and 1 aided school were visited by Health Department personnel over the year for children's health check up. Chacha Nehru Health Scheme was found covering children at Directorate of Education Schools. <i>South Delhi Municipal Corporation Health Department covers children under School Medical Scheme.</i> However, sampled aided schools have no health cover for children. Weekly Iron Folic Scheme (WIFS) tablets were found given to children of South Delhi Municipal Corporation, DOE and aided schools.
	12. Drinking Water and Sanitation Programme: <u>Availability of potable water:</u>
South West	Delhi Jal Board (DJB) water is supplied through tanker and underground pipes to schools. Most schools have Bore wells. Water storage tanks are provided, too. Double shifted and high enrolment

Name of Districts	Indicators:
Delhi	school children have acute shortage of drinking water. State Bank of India has installed Aquagard/RO under Corporate Social Responsibility (SCR) in 5 SDMC schools. This arrangement is similar in the three districts with little variation. It is noticed that in all districts more Aquaguard need to be installed.
South Delhi	Delhi Jal Board (DJB) water is supplied through tanker and underground pipes to schools. Most schools have Bore wells. Water storage tanks are provided, too. Double shifted and high enrolment school children have acute shortage of drinking water. State Bank of India has installed Aquagard/RO under Corporate Social Responsibility (SCR) in 3 SDMC schools. More Aquaguards need to be installed.
South East Delhi	Delhi Jal Board (DJB) water is supplied through tanker and underground pipes to schools. Most schools have Bore wells. Water storage tanks are provided, too. More Aquaguards need to be installed. Double shifted and high enrolment school children have acute shortage of drinking water. State Bank of India has installed Aquagard/RO under Corporate Social Responsibility (SCR) in 4 SDMC schools.
<u>13.Toilets in the school:</u>	
South West Delhi	MI found that 34(79%) sampled schools have adequate numbers of toilets for boys and girls. Sanitation and cleaning of toilets was not satisfactory in 5(12%) DOE and 4(9%) SDMC high enrolment schools. In Higher enrolment schools toilets for boys and girls are inadequate
South Delhi	MI found that 31(76%) sampled schools have adequate numbers of toilets for boys and girls. Sanitation and cleaning of toilets was not satisfactory in 6(15%) DOE and 4(10%) SDMC high enrolment schools. High enrolment school have inadequate toilets for boys and girls.
South East Delhi	MI found that 30(73%) sampled schools have adequate numbers of toilets for boys and girls. Sanitation and cleaning of toilets was not satisfactory in 7((17%) DOE and 4(10%) SDMC high enrolment schools. High enrolment school have inadequate toilets for boys and girls.
<u>14. Infrastructure:</u>	
None of the sampled schools had kitchen sheds. Centralized Kitchens	

Name of Districts	Indicators:
	have been set up by MDM suppliers of Directorate of Education (DOE), South Delhi Municipal Corporation (SDMC), Delhi Cantonment Board (DCB), and aided schools.
	<u>14.1. Kitchen Devices:</u>
	None of the sampled schools had kitchen devices, plates or spoons.
	<u>14.2 Availability of storage bins:</u>
	MI did not find storage bins in sampled schools.
	<u>15.Availability of fire extinguishers:</u>
South West Delhi	Adequate numbers of fire extinguishers in working condition were noticed in sampled schools.
South Delhi	Sampled schools have adequate numbers of fire extinguishers in working condition.
South East Delhi	Sampled schools have adequate numbers of fire extinguishers in working condition.
	<u>16. IT infrastructure available at School level:</u>
South West Delhi	Sampled 43 schools have IT infrastructure with internet connection. It is used for MIS. In 9 South Delhi Municipal Corporation schools IT was not found functional.
South Delhi	Sampled 41 schools have IT infrastructure with internet connection. It is used for MIS. In 8 South Delhi Municipal Corporation schools IT was not found functional.
South East Delhi	Sampled 41schools have IT infrastructure with internet connection. It is used for MIS. In 7 South Delhi Municipal Corporation schools IT was not found functional.
	<u>17.Safety &amp; Hygiene:</u>
South West Delhi	Of the 43 sampled Directorate of Education (DOE), South Delhi Municipal Council (SDMC) Delhi cantonment Board and aided schools visited by MI 20% had very good safety arrangements, while 50 % good and 30% fair. On the issue of hygiene, however, in none of the schools were students encouraged to wash hands before and after meals. This is ascribable to short lunch breaks, teachers' apathy and water shortage and is recurring feature in all three districts.

Name of Districts	Indicators:
South Delhi	Of the 41 sampled Directorate of Education (DOE), South Delhi Municipal Council (SDMC) and aided schools visited by MI 15% had very good safety arrangements, while 60 % had good and 25% fair. On the issue of hygiene, however, in none of the schools were students encouraged to wash hands before and after meals. This is ascribable to short lunch breaks, teachers' apathy and water shortage.
South East Delhi	Of the 41 sampled Directorate of Education (DOE), South Delhi Municipal Council (SDMC) and aided schools visited by MI 15% had very good safety arrangements, while 45 % had good and 40% fair. In terms of hygiene, in none of the schools were students encouraged to wash hands before and after meals. This is ascribable to short lunch breaks, teachers' apathy and water shortage.
	18.Community Participation:
South West Delhi	All sampled Directorate of Education (DOE), SDMC, DCB and aided Schools had School Management Committees (SMC) as per RTE Act 2009. Data reveals that SMC meetings have been held in 7(16%) DoE and 5(12%) SDMC quarterly and in 4(9%) DOE and 5(12%) SDMC schools the same are held half yearly. However, they are not held specifically for MDMs. Community Participation was found poor in all sampled Directorate of Education (DOE), South Delhi Municipal Corporation (SDMC), and aided schools. SMC members lacked clarity and awareness about their roles and responsibilities, or eligibility and entitlements for MDM as notified by the state government.
South Delhi	All sampled Directorate of Education (DOE), SDMC and aided Schools had School Management Committees (SMC) as per RTE Act 2009. Data reveals that SMC meeting had been held in 5(12%) DOE quarterly and in 7(17%) DOE and 4(10%) SDMC schools the same are held half yearly. However, they are not held specifically for MDMs. Community Participation was found poor in all sampled Directorate of Education (DOE), South Delhi Municipal Corporation (SDMC), and aided schools. SMC members lacked clarity and awareness about their roles and responsibilities, or eligibility and entitlements for MDM as notified by the state government.

Name of Districts	Indicators:
South East Delhi	All sampled Directorate of Education (DOE), SDMC and aided Schools had School Management Committees (SMC) as per RTE Act 2009. Data reveals that SMC meeting had been held in 6 DOE schools quarterly and in 8 DOE and 3 SDMC schools the same are held half yearly. However, they are not held specifically for MDMs. Community Participation was found poor in all sampled Directorate of Education (DOE), South Delhi Municipal Corporation (SDMC), and aided schools. As in another districts the SMC members lacked clarity and awareness about their roles and responsibilities, or eligibility and entitlements for MDM as notified by the state government.
	19.inspection & Supervision:
South West Delhi	MDM in-charge reported that meetings for redress of MDM issues in Directorate of Education (DOE), DCB and aided schools were not held at zonal/district levels. Records of inspection by DOE district/zonal officials were not available in Schools. Such meetings, however, are held in South Delhi Municipal Corporation's Najafgarh zone.
South Delhi	MDM in-charge reported that meetings for redress of MDM issues in Directorate of Education (DOE) and aided schools were held at zonal/district levels. Records of inspection by DOE district officials were unavailable in Schools.
South East Delhi	MDM in-charge reported that meetings for redress of MDM issues in Directorate of Education (DOE) and aided schools were not held at zonal/district levels. Records of inspection by DOE district/zonal officials were unavailable in Schools.
	20.Impact:
South West Delhi	Mid Day Meal programme has definitely improved both attendance and children's health.
South Delhi	Here too, Mid Day Meal programme has improved both attendance and children's health.
South East Delhi	Mid Day Meal programme has improved both attendance and children's health.
	21.Grievance Redressal Mechanism:

Name of Districts	Indicators:
South West Delhi	There was no Grievance Redressal Mechanism in place in any sampled school of Directorate of Education (DOE), Delhi Cantonment Board (DCB) aided and South Delhi Municipal Council (SDMC) schools. This issue is common across schools and districts sampled.
South Delhi	There was no Grievance Redressal Mechanism in place in any sampled school of Directorate of Education (DOE) aided and South Delhi Municipal Council (SDMC) schools.
South East Delhi	There was no Grievance Redressal Mechanism in place in any sampled school of Directorate of Education (DOE) aided and South Delhi Municipal Council (SDMC) schools.

#### Mid Day Meal Suppliers - Centralised kitchens:

	1. Infrastructural facilities:
South West Delhi	In course of monitoring, MI visited 2 suppliers' kitchens. Suppliers are appointed by Directorate of Education (DOE). The kitchens had adequate working space. Hygiene and cleanliness were fair. The space was dry and had good ventilation.
South Delhi	In course of monitoring, MI visited 2 suppliers' kitchens. Suppliers are appointed by Directorate of Education (DOE). The kitchens had adequate working space. Hygiene and cleanliness were fair. The space was dry and had good provision for ventilation.
South East Delhi	In course of monitoring, MI visited 1 supplier s' kitchens. Suppliers are appointed by Directorate of Education (DOE). The kitchens had adequate working space. Hygiene and cleanliness were fair. The space was dry and had good ventilation.
	2. Procurement and storage of food items:

South West Delhi	Upon enquiry Kitchen in-charge informed MI that cereals (Pulses, Rajma, Black Gram, Potatoes, Sugar, Cooking Oil, and Besan) were generally purchased weekly. Purchase of green vegetables (Spinach, Coriander Leaf etc) was daily. Quality of raw materials available on the day of MI visit was fair. This is common procedure in other districts too.
South Delhi	Upon enquiry Kitchen in-charge informed MI that cereals (Pulses, Rajma, Black Gram, Potatoes, Sugar, Cooking Oil, and Besan) were generally purchased weekly. Purchase of green vegetables (Spinach, Coriander Leaf etc) was daily. Quality of raw materials available on the day of MI visit was fair.
South East Delhi	Upon enquiry Kitchen in-charge informed MI that cereals (Pulses, Rajma, Black Gram, Potatoes, Sugar, Cooking Oil, and Besan) were generally purchased weekly. Purchase of green vegetables (Spinach, Coriander Leaf etc) was daily. Quality of raw materials available on the day of MI visit was fair.
	3. Water : Source, Availability, storage:
South West Delhi	Centralized Kitchens visited by MI have water connection from Delhi Jal Board and bore wells with submersible pumps. Kitchens were found equipped with RO plants. 6-7 plastic tanks (1000 Litres) were used as storage.
South Delhi	Centralized Kitchens visited by MI have water connection from Delhi Jal Board and bore wells with submersible pumps. Kitchens were found equipped with RO plants. 5 -6 plastic tanks (1000 Litres) were used as storage.
South East Delhi	Centralized Kitchens visited by MI have water connection from Delhi Jal Board and bore wells with submersible pumps. Kitchens were found equipped with RO plants. 7 plastic tanks (1000 Litres) were used as storage.
	4.Pre-Preparation:



South West Delhi	Kitchens were found using stipulated mechanical equipments as chopping boards, pans, knives, graters, grinding machine etc in pre-preparation process. Similarly, electrical gadgets like dough kneader/mixer, steam boilers kettles and puri-making machines were used in kitchens. All equipments were cleaned before and after use.
South Delhi	Kitchens were found using stipulated mechanical equipments as chopping boards, pans, knives, graters, grinding machine etc in pre-preparation process. Similarly, electrical gadgets like dough kneader/mixer, steam boilers kettles and puri-making machines were used in kitchens. All equipments were cleaned before and after use.
South East Delhi	Kitchens were found using stipulated mechanical equipments as chopping boards, pans, knives, graters, grinding machine etc in pre-preparation process. Similarly, electrical gadgets like dough kneader/mixer, steam boilers kettles and puri-making machines were used in kitchens. All equipments were cleaned before and after use.
	5. Preparation and Packaging:
South West Delhi	During visits to Kitchens MI observed that Rice and chhole, rice and Dal were cooked in kitchen. Cooked rice and vegetable/Pulses were packed in steel drums within 10 -15 minutes of cooking. LPG and steam boilers were used as fuel for cooking. This procedure is standard mode of preparation and packing across kitchen.
South Delhi	During visits to Kitchens MI observed that Rice and Curhi, were cooked in kitchen. Cooked rice and vegetable/Pulses were packed in steel drums within 10 -15 minutes of cooking. LPG and steam boilers were used as fuel for cooking.
South East Delhi	During visits to Kitchens MI observed that Puri and Chhole, were cooked in kitchen. Cooked rice and vegetable/Pulses were packed in steel drums within 10 -15 minutes of cooking. LPG and steam boilers were used as fuel for cooking.
	6. Management of the Leftover food:
	MI observed that all quantities of cooked meal are sent to schools.

South West Delhi	There are no leftovers; However, leftovers from schools (Veg Dalia, Rice and Dal etc.) are brought back to the Kitchens. From there they are picked up by dairy farms every day.
South Delhi	MI observed that all quantities of cooked meal are sent to schools. Leftovers from schools (Veg Dalia,Rice and Dal etc.) are taken back to the Kitchens and picked up by dairy farms every day.
South East Delhi	MI observed that all quantities of cooked meal are sent to schools. There are no leftovers, However, leftovers from schools (Veg Dalia,Rice and Dal etc.) are brought back to the Kitchens. As in other districts leftover food is picked up by dairy farms every day.
	<b>7. Organizational chart of staff:</b>
South West Delhi	Organisational charts or numbers of workers were not displayed in the suppliers kitchens.
South Delhi	Organisational charts or numbers of workers were not displayed in the supplier's kitchens.
South East Delhi	Organisational charts or numbers of workers were not displayed in the supplier's kitchens.
	<b>8.Cook cum helpers:</b>
South West Delhi	Suppliers engaged cook cum helpers/handler/driver they work in shift wise. They work seven to eight hours and remunerations are paid by suppliers. However, MI found record was not available in Kitchen.
South Delhi	Suppliers engaged cook cum helpers/handler/driver in kitchen they work in shift wise. They work seven to eight hours and remunerations are paid by suppliers. MI did not find any records in Kitchen.

South East Delhi	Suppliers engaged cook cum helpers/handler/driver in kitchen they work in shift wise. They work seven to eight hours and remunerations are paid by suppliers. MI found record was not available in Kitchen.
	9. Personal Hygiene practice:
South West Delhi	At kitchens MI observed that cooks and helpers use prescribed headgears and uniforms during cooking and packaging of meal. They were well groomed and with clean finger nails.
South Delhi	At kitchens MI observed that cooks and helpers use headgears and uniforms during cooking and packaging of meals. They were well groomed and with clean finger nails.
South East Delhi	At kitchens MI observed that cooks and helpers use headgears and uniforms during cooking and packaging of meals. They were well groomed and with clean finger nails.
	10.Kitchen Waste Disposal:
South West Delhi	The Kitchens had garbage bins, duly covered with lids. Garbage removal and cleaning the premises is a daily Practice.
South Delhi	The Kitchens had garbage bins, duly covered with lids. Garbage removal and cleaning the premises is a daily practice.
South East Delhi	The Kitchens had garbage bins, duly covered with lids. Garbage removal and cleaning the premises is a daily practice.
	11.Food Transportation:
South West	Kitchen in-charges informed the MI team that meals are transported to schools by Maruti ECCO Van and Mini Champion vehicles. The

Delhi	driver and handlers together deliver the packed meals to schools.
South Delhi	Kitchen in-charges informed the MI team that meals are transported to schools by Maruti Van and Mini Champion vehicles. The driver and handlers together deliver the packed meals to schools.
South East Delhi	Kitchen in-charges informed the MI team that meals are transported to schools by Maruti Van and Mini Champion vehicles. The driver and handlers together deliver the packed meals to schools.
	12. Food evaluation:
South West Delhi	Based on MI's observation sensory evaluation of meals, i.e. appearance, taste, smell, texture and over all acceptability was good on visit day.
South Delhi	Based on sensory evaluation of meals, i.e. appearance, taste, smell, texture and over all acceptability was good on the day MI visited.
South East Delhi	Based on sensory evaluation of meals, i.e. appearance, taste, smell, texture and over all acceptability was good on the day MI visited visit.
	13 .Procurement of pulses and condiments
South West Delhi	MI observed during kitchen visit branded condiments (AgMark) and Iodised salt are purchased fortnightly and used for meal preparation.
South Delhi	MI observed during kitchen visit that branded condiments (AgMark) and Iodised salt are purchased fortnightly and used for meal preparation.
South East Delhi	MI observed during kitchen visit that branded condiments (AgMark) and Iodised salt are purchased fortnightly and used for meal preparation.

Mid Day Meal Scheme Monitoring report of district-South West Delhi:

1. At school level

	<p><u>1.Availability of food grains:</u></p> <p>(i)Whether buffer stock of food grains for one month is available at the school/kitchen/ MDM suppliers?</p> <p>Food grains are provided to MDM suppliers through Food Corporation of India (FCI). MDM suppliers appointed by Directorate of Education (DOE) and South Delhi Municipal Corporation (SDMC) brought to notice of the MI team that stipulated one month buffer stock of grains was not maintained. Directorate of Education (DOE) appointed suppliers informed that there was irregularity in disbursement grains supply to them. It is uncommon that food grains are delivered in advance.</p> <p>(ii) Whether food grains is delivered in school/kitchen/ in time by lifting agency?</p> <p>No.</p> <p>(iii) If lifting agency is not delivering the food grains at school/kitchen/ MDM suppliers how the food grains is transported up to school level?</p> <p>MDM suppliers lift food grains from FCI godowns. Transportation costs are reimbursed belatedly by Department. This is largely uniform across districts.</p> <p>(iv) Whether the food grain is of Fair Average Quality (FAQ) of grade A quality?</p> <p>As per guidelines, though FCI is supposed to supply FAQ of A Grade, suppliers informed there is no uniformity in the quality of grains supplied. Sometimes the quality is good at other times poor. However, the quantity of food grains is same as indicated on bags.</p> <p>(v) Whether food grains are released to school/kitchen/MDM suppliers after adjusting the unspent balance of the previous month?</p> <p>Suppliers informed MI when food grains are released in advance by Department the unspent balance of previous month is adjusted in current month.</p>
	<p><u>2.Timely release of funds:</u></p> <p>Whether State is releasing funds to District / block / school on regular basis in advance?</p> <p>If not,</p> <p>(a) Period of delay in releasing funds by State to district.</p>

<p>Directorate of Education (DOE) State nodal agency releases funds to South Delhi Municipal Corporation (SDMC) twice a financial year i.e. July and November. DOE and aided school funds are released to district from April 2014. Aided school funds released to districts. MME fund were released to Directorate of Education schools in February and March. South Delhi Municipal Corporation (SDMC) has not released MME funds yet.</p>	
	(b) Period of delay in releasing funds by District to block / schools.
	District to block funds released mechanism not in place in any districts.
	(C) Period of delay in releasing funds by block to schools.
	Block to school funds released mechanism not in place in any districts
<p><u>3.Availability of Cooking Cost:</u>  <b>i)</b> Whether school / implementing agency has receiving cooking cost in advance regularly?</p>	
<p>South Delhi Municipal Corporation (SDMC) school cooking cost is transferred by head quarter to zonal level. DOE has made available cooking cost and cook-cum-helpers fund at distinct level from April 2014. Suppliers informed cooking costs are not received in advance. Cooking cost is received after 40 to 50 days of serving meals from districts / zonal office.</p>	
	(ii) Period of delay, if any receipt of cooking cost.
<p>In MI's observation, and on basis of data gathered from DOE schools and suppliers' kitchens, in procedural matters are often the reasons for delays.</p>	
	(iii) In case of non receipt of cooking cost how the meal is served?
<p>MDM suppliers informed they take internal membership loans and credit from market.</p>	
	(iv) Mode of payment of cooking cost (Cash/ cheque/e-transfer?)
	Suppliers confirm that cooking cost is reimbursed through e-transfer.
<p><u>4.Availability of Cook-cum-helpers:</u>  <b>i)</b> Who engaged Cook-cum-helpers at schools (Department / SMC / VEC / PRI / Self Help Group / NGO /Contractor)?</p>	
	MDM suppliers engage cook-cum-helpers.
	<b>ii)</b> If cook-cum-helper is not engaged who cooks and serves the meal?

All sampled schools have helpers for serving meals.

iii) Is the number of cooks-cum-helpers engaged in the school as per GOI norms or as per State norms?

Delhi Government has issued guidelines to engage cook cum helpers in proportion with enrolment of children in schools. 50% of cook cum helpers deployed in schools are for serving meal and the other 50% for MDM kitchens. Suppliers have not engaged cook cum helpers in DOE/SDMC schools in September 2013, as required under guidelines. MI found that engaged cook-cum-helpers are not in specified ratio in DOE and SDMC Schools. All helpers come from economically weaker sections. Despite notification uploading on department website, MDM In-charge/ committee members of sampled DOE and SDMC schools are not aware of specified ratio between cooks cum helpers and enrolled children.

iv) Honorarium paid to cooks cum helpers.

MI has noticed that most helpers receive a remuneration of anywhere between Rs. 500 to 1000 per month against the specified GOI stipulated Rs.1000/ per month. Suppliers have paid less remuneration than the stipulated between August 2013 to April 2014. Cook-cum helpers working at school their records was not available. Sampled School wise Cook cum helper engaged by suppliers and their payment details given in below table. Table-2

S.No.	Name of Schools	No. of children enrolled	Whether cook cum helpers appointed as per GOI norms	helpers engaged in schools by MDM suppliers	Remuneration paid per month per helper.	Name of Suppliers
1	Govt.Girls Sr. Sec. School Sec-3, Dwarka	877	Yes	4	1000	StriShakti
2	Govt.Girls Sr. Sec. School No-1 Najafgarh	751	Yes	4	500 Till March 2014	Moon Light
3	Govt.Boys Sr. Sec. School Jharodakalan	377	NO	1	750 Till March 2014	Moon Light

4	S.K.V.Dharampura	953	NO	2	500 Till March 2014	Moon Light
5	Govt.Girls Sr. Sec. School Ghumanhera	48	Yes	1	1000 From April 2014	Subharti Jan Kalyan Samiti
6	Govt. Sarvodya Kanya Vidyalya Dhansa Boarder	226	Yes	1	1000 From April 2014	Subharti Jan Kalyan Samiti
7	Govt.Girls Sr. Sec. School Paprawat	192	Yes	1	500 Till March 2014	Moon Light
8	Govt.Boys Sr. Sec. School No-1 Palam Village	602	Yes	4	1000 From September 2013	StriShakti
9	Govt.Co-ed Sr. Sec. School Nanakheri	62	Yes	1	1000 From September 2013	StriShakti
10	Govt.Co-ed Sr. Sec. School Nangli Sakrawati	1103	No	5	700 Till March 2014	Moon Light
11	Govt.Boys Sr. Sec. School Najafgarh Stadium	427	Yes	2	500 Till March 2014	Moon Light
12	Govt.Boys Sr. Sec. School No-1 Sagarpur	1018	Yes	6	1000 From September 2013	Stri Shakti
13	S.K.V. Vijay Enclave	931	No	3	1000 From September 2013	StriShakti
14	S.K.V. Raj Nagar-2	1219	Yes	6	1000 From September 2013	StriShakti
15	Govt.Boys Sr. Sec. School Shahabad Mohammadpur	210	Yes	1	1000 From September 2013	StriShakti
16	S.B.V No-2 Palam	858	Yes	5	1000 From	StriShakti



	Enclave					September 2013	
17	Govt.Boys Sr. Sec. School Moti Bagh-I	714	No	2		1000 From September 2013	Subharti Jan Kalyan Samiti
18	S.V. Sec-7 R.K.Puram/	849	Yes	4		1000 From September 2013	Jan Chetna Avom Shaikshinik Manch
19	S.K.V, Naraina	1582	No	5		1000 From March 2014	REWARDS
20	S.K.V,Rajokari.	1034	NO	4		1000 From March 2014	REWARD
21	S.K.V, D Block Janakpuri.	1076	NO	4		1000	REWARDS
22	C.B.Sr.Sec.School,J harera	494	Yes	1		1000	Ekta Shakti
23	S,D. Coed Sec. School, Sadar Bajar Delhi Cantt.	267	Yes	School staff		750 Till March 2014	Rewards
24.	SDMC Pry School, Sector-5 R.K.Puram.	203	Yes	1		1000 From February 2014	Jay Jee Humatarian
25.	SDMC Pry School, Sahyog vihar-II.	412	Yes	2		700	Ekta Shakti Foundation
26.	SDMC Pry School, Najafgarh-I/II.	643	Yes	3		500 Up to March 2014	Ekta Shakti Foundation
27.	SDMC Pry School, New Roshanpura-	475	Yes	3		650	Ekta Shakti

	II.						Foundation
28.	SDMC Pry School, Ghasipura-II.	781	Yes	3	800		Ekta Shakti Foundation
29.	SDMC Pry School(Boys), Ghumanhera.	131	Yes	1	1000 From February2014		Ekta Shakti Foundation
30.	SDMC Pry School Kakrola Village No.-I/II.	950	Yes	5	800		Ekta Shakti Foundation
31.	SDMC Pry School(Girls), Dhansa.	138	Yes	1	475		Ekta Shakti Foundation
32.	SDMC Pry School Dwarka Sector- IIIPhase-3.	912	No	4	600		Ekta Shakti Foundation
33.	SDMC Pry School (Boys), Kutub Vihar Goyala Dairy.	712	No	3	600		Ekta Shakti Foundation
34.	SDMC Pry School (Boys), Dichaon kala.	161	Yes	1	500		Ekta Shakti Foundation
35.	SDMC Pry School Sagarpur old-I.	519	Yes	3	1000 From February 2014		Eketa Shakti Foundation
36.	SDMC Pry School Indra park-I.	706	Yes	4	500		Eketa Shakti Foundation
37.	SDMC Pry School, Dabri-II.	608	Yes	3	1000 February 2014		Eketa Shakti Foundation
38.	SDMC Pry School Mahaveer Enclave- II.	799	No	3	1000 From April 2014		Eketa Shakti Foundation
39.	SDMC Pry School, (Girls), Kapashera No.1.	1665	Yes	7 From February 2014	1000 From February 2014		Eketa Shakti Foundation

40.	SDMC Pry School, (Boys), Kapashera No.2.	699	No	3	1000 From April 2014	Ekta Shakti Foundation
41.	SDMC Pry School, Rajnagar-II.	376	Yes	2	500	Ekta Shakti Foundation
42.	SDMC NPV (Girls) Rangpuri..	526	Yes	3	600	Ekta Shakti Foundation
43.	SDMC NPV (Girls) Mahipalpur.	1020	Yes	5 From February 2014	1000 From April 2014	Ekta Shakti Foundation

v) Mode of payment to cook-cum-helpers?

In MI's own observation and information from helpers remuneration are made in cash. It ought to be ensured that cook cum helper's payment are made through banking channel. It has led to pilferage in payments at school and kitchen level. This was reported in all districts covered.

vi) Are the remuneration paid to cooks cum helpers regularly?

Most of the helpers at sampled schools received remuneration regularly.

vii) Social Composition of cooks cum helpers? (SC/ST/OBC/Minority)

MDM supplier has recruited helpers and cooks from economically weaker sections. They are Male or Females.

viii) Is there any training module for cook-cum-helpers?

There is no training module for cook cum helpers.

ix) Whether training has been provided to cook-cum-helpers?

Training to cook cum helpers has not been provided.

x) In case the meal is prepared and transported by the Centralized kitchen / NGO, whether cook-cum-helpers have been engaged to serve the meal to the children at school level.

Mid Day Meals are provided in all schools through Centralized kitchens. Helpers for serving meals have been engaged by MDM suppliers.

xi) Whether health check-up of cook-cum-helpers has been done?

	Cook cum helpers engaged in schools and kitchens are not provided health check up facility by either MDM suppliers or Education Department.
(c)	<p><u>5. Regularity in Serving Meal :</u> Whether the school is serving hot cooked meal daily? If there was interruption, what was the extent and reasons for the same?</p> <p>All 41 sampled schools of Directorate of Education (DOE), South Delhi Municipal Corporation (SDMC) DCB and aided schools visited by MI were found serving freshly cooked meals to children from centralized kitchens. There has been no stated or recorded interruption.</p>
(d)	<p><u>6. Quality &amp;Quantity of Meal:</u> Feedback from children on</p> <p><b>i)Quality of meal</b></p> <p>According to MI's own observations, responses from students and head teachers the quality of meals supplied are average. Nearly 63% of children reported quality of meals as dissatisfactory. Gravy of Dal, Chhole was thin and vegetable was average. The quality and quantity of Rice and puris was not satisfactory; puris were found to be hard; Sometimes under cooked or over cooked puri and rice are served.</p> <p>Children and teachers reported Dal /sabzi/karhi quality as found average. About 35 % children like vegetable pulao the least. Children like meals that taste good. 85% children prefer puri chole 75% Rice and Besan Curhi . It was also observed that aided school children prefer MDM the least. This phenomenon prevails in other 2 districts too.</p> <p><b>ii)Quantity of meal</b></p> <p>It was observed by MI during sampled school visits that generally two puris (35 gmx2=70 gm) per head are served from to class V, and 2 to 3 puris (3purix35gm=105gm) approximately from classes VI to VIII. Nearly 60% of primary school children informed two puris per head is too less for them. Similarly, nearly 62% upper primary children informed that 2-3 puris per head were similarly insufficient. MI discussed with upper class children and found they were not aware of cooked meal quantity prescribed by department for them. It is desirable cooked meal quantity be displayed along with menu.</p> <p>School visit day 19-04-2014- Govt. Girls Sr. Secondary School Dwarka, Sector -3.</p>

No-1 Photo of Rice mixed with curri before serving meal.



No-2 Photo of Rice based meal distribution practices by helpers. School visit day 29-04-2014- Govt. Girls Sr. Secondary School Paprawat Najafgarh,



NO-3 Photo of Rice mixed with curri before serving meal. School visit day 6-05-2014- SKV, Samalkha,

iii)Quantity of pulses used in the meal per child.
MI observed that one ladle dal was given to primary class children and two ladles to upper primary children.
iv)Quantity of green leafy vegetables used in the meal per child.
Leafy green vegetable is not served to children. Green vegetables are, however, used in curhi.
v) Whether double fortified salt is used?
All kitchens visited by MI use double fortified salt.
vi) Acceptance of the meal amongst the children.
In MI's own observations and information from children meals are accepted by nearly 85% primary school children and 73% upper primary children. Secondary class children also desire to have MDM in composite DOE schools.
vii)Method / Standard gadgets / equipment for measuring the quantity of food to be cooked and served.
Generally ladles are used for serving meal among children. No standard gadgets are used for measuring Rice, Dal and others vegetable.
{Please give reasons and suggestions to improve, if children were not happy.}
In order to meet the larger ends of MDM, it is significant that both quantity and quality of MDM be improved, as also variation in the menu. MI observed that nearly 20 % DOE upper primary and 51% aided schools children carry lunch from home and some of them avail MDM at school. All children were found preferring puri, rice, besan curhi. Above all, MDM supervision requires improvement.
It was found that most of the MDM in-charge personnel in DOE schools were not aware or clear about the quantity of cooked meal to be received by them at school. In 7 (16%) DOE and 20(47%) SDMC schools there are weighing machines but they are used only occasionally. The turnover of cooks employed by suppliers is high. This affects the quality of meals. Some time thick puri and undercooked puri are served. Some children and teachers suggested Rajma be included in DOE and aided schools MDM menu. Curhi should be included in SDMC menu.
Children reported in DOE and SDMC schools rice based meal (Rice- Curhi, Rice-



Rajma, Rice Chhole and Rice Dal) is mixed and served. This practice is neither appropriate nor hygienic. School authorities do not pay attention to this practise.

In order to meet the larger ends of MDM, it is significant that both quantity and quality of MDM be improved, as also variation in the menu. Awareness about healthy food, entitlement to cooked meal and objective of MDM programme should be created among children.

It was found that in 5 sampled schools MDM kitchen distance was more than 30KM. Which details are given below: Table-3

Name of schools	Distance from Kichen to schools	Name and address s of MDM suppliers	Zone allotted to suppliers
S.K.V,Rajokari.	37Km	Reward , Numberdar colony Burari	20
Govt. coed vasant kunj	35	Reward , Numberdar colony Burari	20
S,D. Coed Sec. School, Sadar Bajar Delhi Cantt.	27	Reward , Numberdar colony Burari	20
S.K.V, D Block Janakpuri.	23	Reward , Number dar colony Burari	20
S.K.V, Naraina	22	Reward , Number dar colony Burari	20

(e) 7.Variety of Menu:

(1) Who decides the menu?

As per MI's information menu is decided by Mid Day Meal Cell in the Directorate of Education and Directorate of South Delhi Municipal Corporation (SDMC) in consultation with MDM committee. The menu selected by Committee is followed by all schools in the respective districts. In DOE schools vegetable Dalia include in menu from 1<sup>st</sup> April 2014.

(ii)Whether weekly menu is displayed at a prominent place noticeable to community,



	Out of 43 sampled schools, 15(35%) Directorate of Education and 17(40%) South Delhi Municipal Corporation schools were found displaying MDM weekly menu at convenient and conspicuous places. However, sampled aided schools were not found following this instruction.
	(iii)Is the menu being followed uniformly?
	School principal and teachers confirm the menu is followed by and large uniformly.
	(iv) Whether menu includes locally available ingredients?
	Suppliers include menu as prescribed by Education Department. According to feed back from children seasonal vegetables should included to enhance nutritional value.
	(v)Whether menu provides required nutritional and caloric value per child?
	Teacher opines that prescribed menu provides nutritional and caloric value.
(f)	<u>8.Display of Information under Right to Education Act, 2009 at the school level at prominent place:</u>
	(i)Quantity and date of food grains received
	MDM cooked in centralized kitchen. (NA)
	(ii)Balance quantity of food grains utilized during the month.
	MDM cooked in centralised kitchens (NA).
	(iii)Other ingredients purchased, utilized
	MDM cooked in centralised kitchens (NA).
	(iv)Number of children given MDM
	Such information was not displayed on school information board in schools. Meal cards and MDM registers were found maintained at schools.
	(v)Daily menu:
	Out of 43 sampled schools, 15(35%) Directorate of Education and 20(47%) South Delhi Municipal Corporation schools were found displaying MDM weekly menu at convenient and conspicuous places. However, sampled aided and Delhi Cantonment Board(DCB) schools were not found following this instruction.
	<u>(v)Display of MDM logo at prominent place preferably outside wall of the school.</u>

	Out of 43 sampled schools, 16(37%) Directorate of Education (DOE) and 6(14%) SDMC (Nazafgarh Zone) were found displaying MDM Logo at noticeable places. Sampled aided schools were not found following this practise.
(g)	<u>9.Trends:</u> Extent of variation (As per school records vis-à-vis Actual on the day of visit).
i)	<p>On the day of MI visit, 65% of primary and 68% of upper primary school children were present as per enrolment. Of these 93% primary and 95% upper primary school children had availed MDM as per school MDM register. At a head count and feedback from students MI found that 85% of primary and 79% of upper primary school children were present that day had actually availed MDM. The difference of 8% in primary and 16% in upper primary are significant. They indicate the prevailing patterns of meal cards maintained by concerned teachers.</p> <p>MI found that maintenance of Meal Cards of all sampled Directorate of Education and South Delhi Municipal Corporation and aided schools were attendance based rather than on actual consumption of meals. It was observed that cooked meal card of DOE schools and SDMC schools were different from each other. MI suggests meal cards ought to be uniform. However, Directorate of Education meal card is more transparent than South Delhi municipal Corporation.</p>
	<u>10.Social Equity:</u>
	<b>i) What is the system of serving and seating arrangements for eating?</b>
	MI found in 62% schools children availed mid-day meal standing in queues and 38% schools children in classrooms. This depended on functional convenience and availability of space.
	<b>ii) Did you observe any gender or caste or community discrimination in cooking or serving or seating arrangements?</b>
	No discrimination was identified in serving or consuming of MDM. All sampled schools' children were served meals in same manner.
	<b>iii) The name of the school where discrimination found of any kind may be mentioned in the main body of the report along with date of visit.</b>
	Such incident has not been noticed by MI; neither did children report as such.

	iv) If any kind of social discrimination is not found in the school, comments of the team may be given in the inspection register of the school.
	Social discrimination was not observed among children in any sampled schools during school visit.
ii)	<u>11.Convergence With Other Schemes:</u>
	1.SarvaShikshaAbhiyan:
	Civil work and SMC/community training and medical assessment of children with Special Need (CWSN) are at convergence with SSA Programme. MI noticed that there is no coordination between School health programme and Children with Special Need (CWSN). It is felt that both programmes need coordination for betterment of the scheme.
	2.School Health Programme:
	i) Is there school Health Card maintained for each child?
	Out Of 43 sample schools, South Delhi Municipal Corporation, DOE and Delhi cantonment board (DCB) schools were not found maintaining Health Cards. None of the aided schools are covered under Chacha Nehru School Health Check-up Programme.
	ii) What is the frequency of health check-up?
	In sampled South Delhi Municipal Corporation and Directorate of Education Schools Chacha Nehru Health Scheme was found covering DOE 9 (21%) and SDMC 20 (47%) schools. In sampled South Delhi Municipal Corporation and Directorate of Education schools gathered data reveals that holding of annual health checkups. Aided schools children are not extended health check-up provisions. Under Chacha Nehru Health Scheme health checks are conducted but health cards or other records are not available at school
	iii) Whether children are given micronutrients (Iron, folic acid, vitamin – A dosage) and de-worming medicine periodically?
	Weekly Iron folic scheme (WIFS) tablets are given to children under Chacha Nehru School Health Programme. De-worming tablets were provided to all sampled school children in last six months.
	iv) Who administers these medicines and at what frequency?
	MI noticed that school class teacher administered medicines to children every week.

	v) Whether height and weight record of the children is being indicated in the school health card.
	Children's health cards were not found in schools.
	vi) Whether any referral during the period of monitoring.
	Referrals cases were not noticed during monitoring period.
	vii) Instances of medical emergency during the period of monitoring.
	No medical emergency instance was noticed during monitoring period.
	viii) Availability of the first aid medical kit in the schools.
	In all sampled schools First Aid kits were found with essential medicines, such as Dettol, Betadine ointment, Soframycine ointment, Cotton, Paracetamol tablets, Band Aid, and scissors etc.
	ix) Dental and eye check-up included in the screening.
	In sampled South Delhi Municipal Corporation and Directorate of Education Schools eye check up is included in the screening during CWSN (SSA) screening camp. However, it was not found in aided schools.
	x) Distribution of spectacles to children suffering from refractive error.
	Children suffering from refractive error have been provided spectacles by SSA programme or SDMC Health Department.
	2. Drinking Water and Sanitation Programme:
	i) Whether potable water is available for drinking purpose in convergence with Drinking Water and Sanitation Programme.
	In all sampled schools potable drinking water is supplied by Delhi Jal Board with underground pipes and tanker. Aquaguard/ RO installed in schools were found inadequate in proportion with enrolled children. Toilets' sanitation is matter of concern in high enrolment schools of DOE and SDMC. Inadequate strength of sweepers was found in high enrolment schools.
	3. MP / MLA LAD Scheme
	MP/MLA LAD scheme were not undertaken in sampled schools.
	4. Any Other Department / Scheme.
	Not Applicable.
iii)	<u>12. Infrastructure:</u> 1. Kitchen-cum-Store

	a) Is a pucca kitchen shed-cum-store
	MDM is cooked in centralized kitchens. Hence none of the schools have Kitchen cum store.
	i) Constructed and in use
	Not Applicable
	ii) Under which Scheme Kitchen-cum-store constructed - MDM/SSA/Others
	iii) Not Applicable
	iv) Constructed but not in use (Reasons for not using)
	Not Applicable
	v) Under construction
	Not Applicable
	vi) Sanctioned, but construction not started
	Not Applicable
	vii) Not sanctioned
	Not Applicable
	b). In case the pucca kitchen-cum-store is not available, where is the food being cooked and where the food grains /other ingredients are being stored?
	Not Applicable
	c) Kitchen-cum-store in hygienic condition, properly ventilated and away from classrooms.
	Not Applicable.
	d) Whether MDM is being cooked by using firewood or LPG based cooking?
	Not Applicable
	e) Whether on any day there was interruption due to non-availability of firewood or LPG?
	Not Applicable

<b>2. Kitchen Devices:</b>	
i) Whether cooking utensils are available in the school?	Not Applicable
ii) Source of funding for cooking and serving utensils – Kitchen Devices fund / MME / Community contribution / others.	Not Applicable
iii) Whether eating plates etc are available in the school?	In sampled South Delhi Municipal Corporation (SDMC), Directorate of Education (DOE) Delhi Cantonment Board (DCB) and aided primary Schools children carry eating plates from home .It was noticed that only some upper primary school children carry eating plates and most of the children share with each other during meal serving. MI notice during unit test and examination period most of the children do not carry eating plates. DOE school principal had asked suppliers to supply eating plates/dona or supply biscuit.
iv) Source of funding for eating plates - MME / Community contribution / others?	Out of 43 sampled schools, 15(35%) Directorate of Education schools received Rs 2800/- towards Management Monitoring Evaluation (MME) in the month of March 2014. School principal reported and MI verify expenditure made as per guide lines. I.e. dustbin, towel, Lifebuoy soap and Dari etc. Aided schools had not received MME funds from Department. South Delhi Municipal Corporation has not released MME funds to schools.
<b>3. Availability of storage bins:</b>	
(i)Whether storage bins are available for food grains? If yes, what is the source of their procurement?	Not Applicable
<b>13.Toilets in the school:</b>	
(i)Is separate toilet for the boys and girls are available?	MI found all sampled schools have separate toilets for boys and girls
(i)Are toilets usable?	It was noticed all toilets are usable for children cleanliness and water supply in is found satisfactory in 30(70%) schools. There is scarcity of running water in toilets. Cleanliness and maintenance of toilets was matter of concern. DOE schools House-keeping agency is being paying a meagre Rs.3000-3500/ cash and

	remunerations are delayed 3 to 4 months. Sweeper strength also needs to be increased.
	<u>14.Availability of potable water:</u>
	(i)Is Tap water / tube well / hand pump / Well / Jet pump available?
	Delhi Jal Board (DJB) water is supplied through underground pipes to schools. Schools have water storage tanks. Aquaguards installed are inadequate in numbers. In 5 SDMC schools, State Bank of India have installed Aquagard/RO under Corporate Social Responsibility (CSR).
iv)	(i)Any other source
	<u>15.Availability of fire extinguishers:</u>
	1- Whether availability of fire extinguisher in School? Whether it is functional and demo carried out regularly?
	MI noticed all sampled schools have adequate numbers of fire extinguishers. They were found in working condition. Demo is carried out by Fire and Disaster Management Department as per schedule.
	<u>16.IT infrastructure available @ School level:</u>
	(a)Number of computers available in the school (if any).
	MI found all sampled DOE, 19 South Delhi Municipal Corporation and aided sampled schools have computers with IT infrastructure. SDMC boy's school Qutub Vihar has no computers. SDMC schools computer (MIS) not functional in 7(35%)schools.
	(b)Availability of internet connection (If any).
	MI found DOE, SDMC and aided sampled schools have computers with internet facility. However, South Delhi Municipal Corporation school computers were not functional in nearly 9 sampled schools during MI visit.
	(c)Using any IT / IT enabled services based solutions / services (like e-learning etc.) (if any)
	Schools use computer and internet facility as Management Information System (MIS) purpose.
	<u>17. Safety &amp; Hygiene:</u>
v)	(i)General Impression of the environment, Safety and hygiene:
	In 43 visited South Delhi Municipal Corporations Directorate of Education and aided schools safety arrangements in 20 % were found very good, (50%) good

	and 30 % fair. DOE and SDMC schools students were encouraged to wash their hands before and after eating. Hand wash practice was found at SKV Dhansa border Govt Boys Sr. Sec Jharoda. Except these two none of other schools encouraged washing hands on account of limited lunch break (20 minutes), scarcity of water and teachers' apathy.
	(ii)Are children encouraged to wash hands before and after eating
	MI noticed in all sampled schools of DOE, SDMC and aided children not encouraged to wash hands before and after eating. Schools have time constraint and inadequate water availability in schools.
	(iii) Do the children take meals in an orderly manner?
	In most schools children take meals in an orderly manner. Teachers supervise MDM distribution only when officials are on visit to schools. Distribution is usually left to helpers. Usually boys are found disobeying the helper. Concerned teachers attitude is usually of apathy. They take this responsibility as an imposition by the Department.
	(iv)Conservation of water?
	All schools encouraged children to conserve water.
	(v)Is the cooking process and storage of fuel safe, not posing any fire hazard?
	Since cooking is done outside the school in Centralized kitchen, safety as such is not an issue in schools.
vi)	<u>18. Community Participation:</u>
	(i)Extent of participation by Parents / SMC / VEC / Panchayats / Urban bodies in daily supervision and monitoring.
	In MI's observation School Management Committees (SMC) have been constituted in all sampled Directorate of Education, SDMC, DCB and aided schools. According to minutes of meetings constitution of SMCs is by selection of members in most of the schools. Data reveals that SMC meeting had been held in 7(16%) DoE and 5(12%) SDMC quarterly and in 4(9%) DOE and 5(12%) SDMC schools the same are held half yearly. However, they are not held specifically for MDMs. No community meeting was held specifically for MDMs. Community participation was found poor in all sampled schools. SMC members/parents in all sampled schools were not aware of Supervision and monitoring of MDM. Nor were they aware of their roles and



	<p>responsibilities or eligibility and entitlements for cooked, meal quantity per child, entitlement etc as notified by the state government/local body.</p> <p>SMC/community members only occasionally visit and observe meal distribution. School authority's attitude is not much encouraging toward SMC members. Members are invited only for signatures in meeting registers. Overall participation by parents/SMC/ and Local urban bodies was poor in all schools. Community participation in other two districts is much the same. This vital component need be strengthened.</p>
	<p>(ii)Is any roster of community members being maintained for supervision of the MDM?</p>
	<p>Roster of community members was not found maintained.</p>
	<p>(iii)Is there any social audit mechanism in the school?</p>
	<p>MI found social audit has not been undertaken in sampled SDMC, DOE, DCB or aided schools.</p>
	<p>(iv)Number of meetings of SMC held during the monitoring period.</p>
	<p>SMC meeting was not held in sampled schools during monitoring period.</p>
	<p>(v) In how many of these meetings issues related to MDM were discussed?</p>
	<p>MI school data reveals that no community meeting had been held specifically for MDMs.</p>
vii)	<p><u>19. Inspection &amp; Supervision:</u></p>
	<p>(i)Is there any Inspection Register available at school level?</p>
	<p>Inspection register are in place in all sampled schools.</p>
	<p>(ii)Whether school has received any funds under MME component?</p>
	<p>MME funds were received in 15(35%) DOE schools in March 2014. South Delhi Municipal Corporation has not released MME fund to schools. Aided schools informed they do not receive funds as such.</p>
	<p>(iii)Whether State / District / Block level officers / officials inspecting the MDM Scheme?</p>
	<p>Mid-day meal centralized kitchen was inspected by principal and MDM in-charge of Directorate of Education. South Delhi Municipal Corporation school inspector also visited centralized kitchens and schools. SDMC schools</p>

	uniformly maintain MDM cooked meal Stock Registers DOE and aided schools were found lacking.																								
	(iv)The frequency of such inspections?																								
	The frequency of inspection of DOE suppliers' Kitchens visited by schools teachers and MDM in-charges by rotation basis and South Delhi Municipal Corporation suppliers' Kitchens by School Inspector was bi-monthly while MDM in-charge was not found visited in MDM kitchen of SDMC suppliers. DOE officials rarely visit samples aided schools for inspection. DOE and SDMC district official/ school inspector visited occasionally at meal distribution time in schools. Suggestions/remarks were not found in inspection registers in sampled schools.																								
viii	<p><u>20.Impact:</u></p> <p>(i)Has the mid day meal improved the enrollment, attendance, retention of children in school?</p> <p>In MI's observation, information from teachers and records, mid day meal has improved enrolment, attendance and retention of children in schools.</p> <p>Table-4</p> <table border="1"> <thead> <tr> <th rowspan="2">Particulars</th> <th colspan="2">Teachers</th> <th colspan="2">Parents</th> </tr> <tr> <th>Yes</th> <th>No</th> <th>Yes</th> <th>No</th> </tr> </thead> <tbody> <tr> <td>Improved Enrolment</td> <td>74%</td> <td>26%</td> <td>59%</td> <td>41%</td> </tr> <tr> <td>Improved Attendance</td> <td>75%</td> <td>25%</td> <td>63%</td> <td>37%</td> </tr> <tr> <td>Improved retention</td> <td>73%</td> <td>27%</td> <td>70%</td> <td>30%</td> </tr> </tbody> </table> <p>(I)Whether mid day meal has helped in improvement of the social harmony?</p> <p>MI observed that mid day meal has helped in improving social harmony in schools, especially the act of eating together.</p> <p>(ii)Whether mid day meal has helped in improvement of the nutritional status of the children?</p> <p>In MI observation and all sampled school teacher's opinions MDM has helped in improvement of nutritional status of children.</p> <p>(iii)Is there any other incidental benefit due to serving of meal in schools?</p> <p>School teachers informed children's purchasing edibles items from street vendors has declined.</p>	Particulars	Teachers		Parents		Yes	No	Yes	No	Improved Enrolment	74%	26%	59%	41%	Improved Attendance	75%	25%	63%	37%	Improved retention	73%	27%	70%	30%
Particulars	Teachers		Parents																						
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ix)	<u>21.Grievance Redressal Mechanism ;</u>																								

	(i)Is any grievance redressal mechanism in the district for MDMS?
	There was no Grievance Redressal Mechanism in any sampled school of Directorate of Education, aided and South Delhi Municipal Corporation schools.
	(ii)Whether the district / block/zone / school having any Toll Free number?
	All sampled school teachers not aware of such system placed in department for parents. In MI's own findings and information from school principals there no Toll Free numbers at either of above.

	<b>III-Service Provider: (Centralized Kitchen)</b>
	1.Infrastructure Facilities:
	MI representatives visited 2 supplier's kitchen, 1 of Directorate of Education and 1 South Delhi Municipal Corporation appointed suppliers. Suppliers were found having adequate working areas, for receiving, storing of food grains, pre-preparation of meal, cooking areas, food assembling and washing areas. Cleanliness was fair and dryness was also fair. Ventilation was good.
	2. Procurement and storage of food grains:
	(i)Raw material
	Kitchen in-charge informed cereals (pulses, rajma, black gram), potatoes, sugar, besan and cooking oil were generally purchased weekly. Most of the products were certified by 'Agmark'. Green vegetables (spinach, coriander leaf) were purchased daily. The quality of raw materials available was fair on the day of visit. One week raw material was stocked in the store. Records of quantity of raw materials were not available. Food grains records lacked transparency.
	(ii) Containers bag used for storage:
	Cereals, pulses, rajma, sugar and vegetable were stored in jute and plastic bags while fats and oils in metal/ tin containers. Raw material / ingredients,

containers and bags were stacked on raised platform in kitchen store room.
3. Water:-- Source ,availability, storage:
(i) Source of water:
All sample centralized kitchens have Delhi Jal Board water supply and bore wells with submersible pumps. Delhi Jal board water was available in morning and evening. RO plants for water purification were found installed.
(ii) Is water stored in any vessel?
All visited sampled kitchens had 6-7 plastic tanks (1000 Liters) for water storage.
(iii) How long has water been stored?
Kitchen in-charge informed water is stored for a maximum 12 hours. Water storing utensils were found covered.
4. Pre-preparation:
(i) Equipments used during preparation:
Mechanical equipments i.e. chopping boards, Patila, knives, graters, grinding machine etc, and electrical gadgets i.e. dough/kneader mixer, steam boilers kettles and puri making machines are used for pre-preparation of meals in kitchens.
(ii) Equipment cleaned before use:
The equipment is cleaned before and after use. There were no stains of grease, dirt, rust or detergent on equipments/utensils. All raw materials were washed before cooking.
(iii) Is any facility for refrigeration?
Sampled kitchens did not have refrigeration facility.

5.Preparation and Packaging:
(i) Food items cooked on day of MI visit:
During MI kitchen visit puri and potatoes, and rice and Curhi (dal) was cooked in kitchen. Spoon and ladle were used to add ingredients during cooking.
(ii)Time lapsed between preparation and packaging:
Gap between meal preparation and packaging was between 10 to 20 minutes. Cooked food was allowed cooling time before packaging.
(iii) How is the food packed:
Rice and Puri were packed in steel drums. While Vegetable/Pulses were put into steel doles. Packaging material was found clean. Food weighing was not done in any kitchen before packing. It was done as approximate quantities.
(iv) What is the fuel used for cooking
LPG and steam boilers were used as fuel for cooking.
6. Management of the leftover food:
(i) Is entire food prepared sent to schools is utilized:
In MI's observation and information from kitchen in-charge all cooked meal quantity is sent to schools.
(ii)What the suppliers do with the food uneaten by children?
According to MI observed that all quantities of cooked meal are sent to schools; However, some leftovers from schools are brought back. They are collected by piggery/dairy farms regularly.
(iii) Has food/meal ever returned by the school authority and its reason?
Kitchen –in charge reported rare instances of meals being returned from schools. Please give <i>reasons</i> .

(iv)Dish washing :
Sampled kitchens have separate dish washing areas. Detergents and potassium permanganate are used in washing.
7.Organisational Chart of worker:
(i)Numbers of worker working with supplier's kitchen in different categories?
All kitchens have employed different categories of workers i.e. Kitchen in-charge, stores in-charge, purchases in-charge, head cook, cook's helpers, handlers and distributors, cleaners /sweepers and guard. All categories of workers were present during MI visit. <i>Record of manpower working in kitchen was not available. However; actual numbers of workers could not be confirmed.</i>
(ii)Do they display the organizational chart?
Suppliers had not displayed organizational chart with worker/employee and their numbers in kitchens and schools.
8.Personal hygiene Practice:
(i) Personal hygiene of workers of Kitchen:
Cooks and helpers were found with headgears and uniforms during cooking and packaging of meals only in some kitchens. They, however, were well groomed and with clean finger nails. They did not use gloves while handling food. They wear uniforms and head gears only during visits by officials.
(ii) Do they have any toilets facility?
Toilet facility was available in all kitchens in good hygienic condition.
(iii) How would you rate hygiene of cook and handlers:
Hygiene of cooks and handlers was found fair. There is a need to address sanitation/hygiene practices among other kitchen staff. For dish washing workers need to use gloves and safety shoes.

(iv) Do you observe any unhygienic practices followed by food handlers?
Cooked cum helper need to wear head gear and apron during cooking meal at kitchen.
9. Kitchen waste disposal:
Kitchens were found with covered garbage bins. Garbage is removed twice or thrice every day. There was no littering.
10. Food Transportation:
(i) Mode of transporting of Food.
Kitchen in-charges informed meals are carried to schools in EECO and TATA ACE vans. The driver and handlers together deliver packed meals to schools.
(ii) Are the food containers kept in the vehicle covered properly:
It was observed food containers are properly covered and kept in the vehicle. Vehicle's food compartment was clean and dry.
(iii) Does any person accompany the packed food in the vehicle?
Food handler accompanies packed food in vehicle.
11. Food/meal Evaluation:
In MI's observation sensory food evaluation i.e. appearance, taste, smell, texture and over all acceptability was good.
12. Menu for the whole week:
As stipulated, generally 3 days wheat based and 3 days rice based meal is cooked for MDM.
<b>II-School level checklist:</b> (Mid day meal serve through Centralized Kitchen)

1.Quantity of meal received and records:
(i)Who is in-charge and where meal received:
In all sampled schools MDM in-charge is designated to receive meals. However, MI observed supplier’s handler places MDM in designated place in 34(81%) school premises. School MDM in-charge is short of time to receive meal.
(ii) what is the approx. quantity of receiving meal:
In the 43 sampled Directorate of Education, Delhi Cantonment Board and aided schools daily records of received MDM quantity were not maintained. Aided schools did not follow this practice at all. It was found that South Delhi Municipal Corporation school MDM in-charges calculate cooked meal quantity on the basis of attendance register instead of actual cooked meal received on that day. Consequently where enrolment is higher children remain hungry.
4.Organisation of MDM at school level:
(i) Is committee constituted For MDM:
Though all sampled schools of all Directorate of Education and South Delhi Municipal Corporation have duly constituted MDM committees, ineffective in improving MDM at school. They are not even aware of norms and circulars issued by education Departments of MDM introducing changes from time to time.
(ii) whether PTA and senior citizen involved:
PTA and senior citizens are members of MDM committees.
(iii) Any health worker involved :
None of schools has a health worker in MDM committee.
(iv) What extent they involved in MDM distribution and taste meal before serve school maintained any record and his /her comment:
It was found that most committee members do not taste meal before it is served



amongst children. In many cases school helper tastes meal as such. No remark was observed in MDM registers in schools pertaining to meal quality, taste etc. In SDMC school only parent's signature/thumb impression were found on registers. During our school visit none of the MDM committee member/parents up to taste meal and put comments in register.

#### 5. Food Handling :

(i) Meal being distributed by the suppliers personnel/handlers:

Helpers/handlers were have appointed by MDM suppliers in all sampled schools.

(ii) Cleanliness of food handler/helpers:

Hygiene and cleanliness were discussed with helpers and teachers on a five point scale of helpers' health and hygiene. Table -5

Sl.No.		NA	Poor	Fair	Good
1.	Cleanliness of uniforms/cloths	Nil	02(5%)	25(58%)	16(37%)
2.	Wearing head gears /apron/ gloves	Nil	19(43%)	20(47%)	04(10%)
3.	Well groomed	Nil	12(28%)	21(49%)	10(23%)
4.	Finger nail short and cleaned	Nil	5(12%)	23(53%)	15(35%)
5.	Any observable sign of illness	Nil	Nil	Nil	Nil

6. Utensil/Equipments for distribution and physical conditions:

In all sampled schools utensils i.e. *Dols*, containers, drums and ladles were of stainless steel. Their physical condition was good in most schools. All containers/and *Dols* were

provided with lids. Table -6

Sl. No.	Name of equipments used	Material/metals of used in schools			Physical condition utensils used for MDM supply.		
		Aluminum	Steel	others	Good	Fair	Broken
1.	Dols	---	43	----	30	13	----
2.	Drums/containers	----	43	---	28	15	----
3.	Ladle	----	43	---	35	08	---

#### 8. Food Evaluation:

Out of 43 sample schools, MDM in-charge informed that sensory food evaluation i.e. appearance, taste, smell, texture and over all acceptability was consumable for children.

Table- 7

Sl. No.	Sensory Evaluation	Rating of MDM by MDM in-charge		
		Poor	Fair	Good
1.	Appearance	Nil	30 (70%)	13((30%)
2.	Taste	Nil	32(74%)	11(26%)
3.	Smell	Nil	30(70%)	13(30%)
4.	Texture	Nil	31(72%)	12(28%)
5.	Overall Acceptability	NIL	35(81%)	08(19%)

List of sampled school visited of District-South West Delhi

Sl.No.	Name of schools	UDISE School code	Date of School visit
1.	GGSS, School Sec-3 Site-I Dwarka.	7080113602	19.04.2014
2.	GGSS, School No.1 Najafgarh.	7080113806	22.04.2014
3.	GBSS School, Najafgarh.	7080113901	23.04.2014
4.	SKV, Dharampura.	7080113701	24.04.2014
5.	GBSS School, Ghumanhera	7080113308	25.04.2014
6.	SKV No-Dhansa.	7080114008	26.04.2014
7.	GGSS, School, Paprawat.	7080113305	29.04.2014
8.	GBSS School,No.1 Palam Village.	7080114503	30.04.2014
9.	Govt. Coed Sec. School ,Nanakheri.	7080113312	30.04.2014
10.	Govt. Coed Sec. School, Nagali Sakrawati.	7080113403	01.05.2014
11.	GBSS School,Najafgarh Stadium.	7080113809	01.05.2014
12.	GBSSS,No.1 Sagarpur.	7080113104	05.05.2014
13.	SKV, Vijay Enclave.	7080114702	05.05.2014
14.	SKV,Rajnagar-ii, Palam Ext.	7080114202	07.05.2014
15.	GBSSS, Village Shahabad- Mohamad pur.	7080114301	08.05.2014
16.	SBV No.2 Palam Enclave.	7080114504	08.05.2014
17.	GBSSS,Moti Bagh -I	7080116803	03.07.2014
18.	Sarvodaya Vidylaya No.3 Sector-7 R.k.Puram.	7080116802	04.07.2014
19.	SKV, Naraina.	7080115201	04.07.2014
20.	SKV,Rajokari.	7080117202	05.07.2014
21.	SKV,D-block Janakpuri.	7080111003	05.07.2014

22.	C.B.Sr. Sec. School, Jharera.	Not Available	09.07.2014
23.	Sanatan Dharm Co-ed Sec. School, Sadar bajar Delhi Cantt.	7080200801	05.04.2014
24.	SDMC Pry School, Sector-5 R.K.Puram.	7080416704	12.03.2014
25.	SDMC Pry School, Sahyog vihar-II.	7080413607	19.04.2014
26.	SDMC Pry School, Najafgarh-I/II.	7080413802	22.04.2014
27.	SDMC Pry School, New Roshanpura-II.	7080413703	23.04.2014
28.	SDMC Pry School, Ghasipura-II.	7080413406	24.04.2014
29.	SDMC Pry School(Boys), Ghumanhera.	7080413313	25.04.2014
30.	SDMC Pry School Kakrola Village No.-I/II.	Not Available	25.04.2014
31.	SDMC Pry School(Girls), Dhansa.	Not Available	26.04.2014
32.	SDMC Pry School Dwarka Sector-IIIPhase-3.	Not Available	28.04.2014
33.	SDMC Pry School (Boys), Kutub Vihar Goyala Dairy.	Not Available	29.04.2014
34.	SDMC Pry School (Boys), Dichaon kala.	Not Available	02.05.2014
35.	SDMC Pry School Sagarpur old-I.	7080413002	03.05.2014
36.	SDMC Pry School Indra park-I.	708041604	03.05.2014
37.	SDMC Pry School, Dabri-II.	Not Available	05.05.2014
38.	SDMC Pry School Mahaveer Enclave-II.	7080414704	05.05.2014
39.	SDMC Pry School, (Girls), Kapashera No.1.	7080414310	06.05.2014
40.	SDMC Pry School, (Boys), Kapashera No.2.	7080414308	06.05.2014
41.	SDMC Pry School, Rajnagar-II.	7080414203	07.05.2014
42.	SDMC NPV (Girls) Rangpuri..	Not Available	09.05.2014
43.	SDMC NPV (Girls) Mahipalpur.	7080414401	09.05.2014

44.	Moon Light, Kirari Village. Nagloi, New Delhi Centralised kitchen	07.05.2014
45.	Stri Shakti Ranhola Village, New Delhi. Centralised kitchen	07.05.2014

Mid Day Meal Scheme Monitoring report of district-**South Delhi**:

2. At school level

<b>Indicators</b>	
<u>1.Availability of food grains:</u>	
(i)Whether buffer stock of food grains for one month is available at the school/kitchen/ MDM suppliers?	
	Food grains are provided to MDM suppliers through Food Corporation of India (FCI). MDM suppliers appointed by Directorate of Education (DOE) and South Delhi Municipal Corporation (SDMC) brought to notice of the MI team that stipulated one month buffer stock of grains was not maintained. Directorate of Education (DOE) appointed suppliers informed that there was irregularity in disbursement grains supply to them. It is uncommon that food grains are delivered in advance.
(ii) Whether food grains is delivered in school/kitchen/ in time by lifting agency?	
	No.
(iii) If lifting agency is not delivering the food grains at school/kitchen/ MDM suppliers how the food grains is transported up to school level?	
	MDM suppliers lift food grains from FCI godowns. Transportation costs are reimbursed belatedly by Department.
(iv) Whether the food grain is of Fair Average Quality (FAQ) of grade A quality?	
	As per guidelines, though FCI is supposed to supply FAQ of A Grade, suppliers informed there is no uniformity in the quality of grains supplied. Sometimes the quality is good at other times poor. However, the quantity of food grains is same as indicated on bags.
(v) Whether food grains are released to school/kitchen/MDM suppliers after adjusting the unspent balance of the previous month?	
	Suppliers informed MI when food grains are released in advance by Department the unspent balance of previous month is adjusted in current month.
<u>2.Timely release of funds:</u>	
Whether State is releasing funds to District / block / school on regular basis in advance? If not,	
(a) Period of delay in releasing funds by State to district.	
	Directorate of Education (DOE) State nodal agency releases funds to South Delhi

<b>Indicators</b>	
	Municipal Corporation (SDMC) twice a financial year i.e. July and November. DOE and aided school Coking and cook cum-helper) funds are released to district from 1 <sup>st</sup> April 2014. MME funds were released to Directorate of Education schools in February and March. South Delhi Municipal Corporation (SDMC) has not released MME funds yet.
	(b) Period of delay in releasing funds by District to block / schools.
	District to block funds released mechanism not in place in any districts.
	(C) Period of delay in releasing funds by block to schools.
	Block to school funds released mechanism not in place in any districts
	<u>3.Availability of Cooking Cost:</u>
	<b>ii)</b> Whether school / implementing agency has receiving cooking cost in advance regularly?
	South Delhi Municipal Corporation (SDMC) school cooking cost is transferred by head quarter to zonal level. DOE has made available cooking cost and cook cum helper's fund at district level from April 2014. Suppliers informed cooking cost is not received in advance. Cooking cost is received after 40 to 50 days after serving meals from District/zeal office.
	(ii) Period of delay, if any receipt of cooking cost.
	In MI's observation and on basis of data gathered from DOE schools and suppliers' kitchens, in procedural matters are often the reasons for delays.
	(iii)In case of non receipt of cooking cost how the meal is served?
	MDM suppliers informed they take internal membership loans and credit from market.
	(iv) Mode of payment of cooking cost (Cash/ cheque/e-transfer?
	Suppliers confirm that cooking cost is reimbursed through e-transfer.
	<u>4.Availability of Cook-cum-helpers:</u>
	<b>xii)</b> Who engaged Cook-cum-helpers at schools (Department / SMC / VEC / PRI / Self Help Group / NGO /Contractor)?
	MDM suppliers engage cook-cum-helpers.
	<b>xiii)</b> If cook-cum-helper is not engaged who cooks and serves the meal?
	All schools have helpers for serving meals.
	<b>xiv)</b> Is the number of cooks-cum-helpers engaged in the school as per GOI norms

**Indicators**

or as per State norms?

Delhi Government has issued guidelines to engage cook cum helpers in proportion with enrolment of children in schools. 50% of cook cum helpers deployed in schools are for serving meal and the other 50% for MDM kitchens. MI found that engaged cook-cum-helpers are not in specified ratio in DOE and SDMC Schools during August to 2013 March 2014. All helpers come from economically weaker sections. Despite notification and uploading on Department website, MDM in-charge/ committee members of sampled DOE and SDMC schools are not aware of specified ratio between cooks cum helpers and enrolled children.

xv) Honorarium paid to cooks cum helpers.

MI has noticed that most helpers receive a remuneration of anywhere between Rs. 500 and 1000 per month against the specified GOI stipulated Rs.1000/ per month. Suppliers have paid less remuneration than the stipulated between August 2014 to April 2014. Sampled school cook cum helpers were working at schools records was not available. Sampled School wise cook cum helper engaged by suppliers and their payments details given below. Table-8

S.N	Name of Schools	enrolled Up to viii	cook cum helpers appointed as per GOI norms	No. of helpers engaged by MDM suppliers	Remuneration paid per month per helper.	Name of Suppliers
1	Sarvodaya Co-ed Vidylaya Sector- 2R.k.Puram.	302	Yes	2	1000 From July-2014	Jan Chetna Avom Shaikshinik Manch
2	Sarvodaya Co-ed Vidylaya, Safdarjang Enclave.	459	No	1	1000 From July-2014	Jan Chetna Avom Shaikshinik Manch



## Indicators

3	SKV,Fatehpur Beri.	1717	No	4 from January 2014	1000/- from January 2014	Blessing Society
4	GGSS, School,C-block Sangam Vihar.	3130	Yes	15 From July-2014	1000 From July-2014	Jan Chetna Avom Shaikshinik Manch
5	GBSS School,No.1 Khanpur.	554	Yes	3	750	Jan Chetna Avom Shaikshinik Manch
6	SBV, Chhatarpur.	1697	No	5	1000 From Feb-14	Blessing Society
7	GBSSS,No.2Sector-4Ambedkar nagar.	320	Yes	2	1000 From July-2014	Jan Chetna Avom Shaikshinik Manch
8	SBV,(Yogi Arvind) Sector-4 Ambedkar nagar.	1003	Yes	4	1000 From July-2014	Jan Chetna Avom Shaikshinik Manch
9	GBSSS,No.1,Sector-4-Ambedkarnagar.	301	Yes	2	1000 From July-2014	Jan Chetna Avom Shaikshinik Manch
10	SBV, Qutub Mehrauli.	451	Yes	3	1000 From July-2014	Jan Chetna Avom Shaikshinik Manch
11	Sarvodaya Co-ed Vidylaya,Sector-5Ambedkar nagar.	964	Yes	5	1000 From July-2014	Jan Chetna Avom Shaikshinik Manch

## Indicators

12	SBV, Sector-4, Ambedkar nagar.	464	Yes	2	1000 From July-2014	Jan Chetna Avom Shaikshinik Manch
13	GBSSS, Houz Rani Malviya Nagar.	358	Yes	2	1000 From July-14	Jan Chetna Avom Shaikshinik Manch
14	SKV, Malviya Nagar.	978	No	4	1000 From July-2014	Jan Chetna Avom Shaikshinik Manch
15	GGSS, School, M.B. Road Pushp Vihar.	406	Yes	2	1000 From July-2014	Jan Chetna Avom Shaikshinik Manch
16	GBSSS, G-Block Saket.	465	Yes	3	1000 From July-2014	Jan Chetna Avom Shaikshinik Manch
17	GGSS, Begampur (MMTC/STC).	122	Yes	1	Suppliers send helper from kitchen	Jan Chetna Avom Shaikshinik Manch
18	Sarvodaya Co-ed Vidyalaya, Shahpur jat.	587	No	1	1000	Blessing Society
19	GBSSS, Sector-3 R.k.Puram.	349	Yes	2	1000	Jan Chetna Avom Shaikshinik Manch
20	GGSS, School, B-1 Vasant Kunj.	737	Yes	3	1000 from Feb-14	Rewards
21	Khalsa Middle School, Sarojani Nagar.	265	Yes	2	1000 from Feb-14	Subh Bharti Jan Kalyan Samiti
22	SDMC Pry School, Mangalapuri.	167	Yes	1	750 till Feb-14	Jay Jee Humatarian

## Indicators

23	SDMC Girls Pry School, Hauz Rani.	247	Yes	1	600 till Feb-14	Jay Jee Humatarian
24.	SDMC Pry School, G-block Saket.	597	No	2	1000 from Feb-14	Jay Jee Humatarian
25.	SDMC NPV, Saidulajab.	486	Yes	2	1000 from Feb-14	Jay Jee Humatarian
26.	SDMC NPV, Masoodpur.	1206	No	2	1000/ from Feb-14	Jay Jee Humatarian
27.	SDMC Pry. Co-ed School, Arjun Nagar.	179	Yes	1	1000 from Feb-14	Jay Jee Humatarian
28.	SDMC NPV, Sec-7 Pushp Vihar.	486	No	1	1000 from Feb-14	Jay Jee Humatarian
29.	SDMC Pry School,(Girls) Sector-4Ambedkar Nagar.	374	No	1	1000 from Feb-14	Jay Jee Humatarian
30.	SDMC NPV,(Boys) Ayanagar..	911	No	2	1000 from Jan-14	Jay Jee Humatarian
31.	SDMC Pry School (Boys), C-Block Sangam Vihar.	1269	Yes	6	1000 from Feb-14	Jay Jee Humatarian
32.	SDMC Pry School (Boys), Chhatarpur Village.	450	Yes	2	1000 from feb-14	Jay Jee Humatarian
33.	SDMC NPV,(Boys)	181	Yes	1	1000 from	Jay Jee Humatarian

## Indicators

	Mehrauli.				April-14	
34.	SDMC Pry. Co-ed School, Sultanpur Village.	728	No	1	Not disclosed	Jay Jee Humatarian
35.	SDMC (Boys) Pry School, No.3 Sec-6 Dr.Ambedkar Nagar .	249	Yes	1	1000 from Feb-14	Jay Jee Humatarian
36.	SDMC (Boys) Pry School, Main Market Malviya Nagar.	434	No	1	1000 from Feb-14	Jay Jee Humatarian
37.	SDMC NPV, J.J.Colony Khanpur.	333	No	1	1000 from Feb-14	Jay Jee Humatarian
38.	SDMC Pry. Co-ed School, Sector-2R.k.Puram.	352	No	1	1000 from Feb-14	Jay Jee Humatarian
39.	SDMC NPV (Girls) Tigri Sec-1 Dr.Ambedkar Nagar .	554	No	2	1000 from Feb-14	Jay Jee Humatarian
40.	SDMC Pry School,(Girls) Devli.	528	No	2	1000 from feb-14	Jay Jee Humatarian
41.	SDMC Pry School (Boys), Shahpurjat.	220	Yes	1	1000 from feb-14	Jay Jee Humatarian
xvi) Mode of payment to cook-cum-helpers?						
In MI's own observation and information from helper of 10 SDMC schools Jay Gee						

**Indicators**

humamaterian MDM suppliers has started helpers remuneration payment through banking channel and other suppliers are made in cash. It ought to be ensured that cook cum helper's payment made through banking channel. It has led to pilferage in payments at school and kitchen level.

xvii) Are the remuneration paid to cooks cum helpers regularly?

Most of the helpers at sampled schools received remuneration regularly.

xviii) Social Composition of cooks cum helpers? (SC/ST/OBC/Minority)

MDM supplier has recruited helpers and cooks from economically weaker sections. They are Male or Females.

xix) Is there any training module for cook-cum-helpers?

There is no training module for cook cum helpers.

xx) Whether training has been provided to cook-cum-helpers?

Training to cook cum helpers has not been provided.

xxi) In case the meal is prepared and transported by the Centralized kitchen / NGO, whether cook-cum-helpers have been engaged to serve the meal to the children at school level.

Mid Day Meals are provided in all schools through Centralized kitchens. Helpers for serving meals have been engaged by MDM suppliers.

xxii) Whether health check-up of cook-cum-helpers has been done?

Cook cum helpers engaged in schools and kitchens are not provided health check up facility by either MDM suppliers or Education Department.

5. Regularity in Serving Meal :

Whether the school is serving hot cooked meal daily? If there was interruption, what was the extent and reasons for the same?

All 41 sampled schools of Directorate of Education (DOE), South Delhi Municipal Corporation (SDMC) and aided schools visited by MI were found serving freshly cooked meals to children from centralized kitchens. There has been no stated or recorded interruption.

6. Quality &Quantity of Meal:

Feedback from children on

**viii)**Quality of meal

According to MI's own observations, responses from students and head teachers

## Indicators

the quality of meals supplied are average. Nearly 65% of children reported quality of meals as dissatisfactory. Gravy of Dal, Chhole was thin and vegetable was average. The quality and quantity of Rice and puris was not satisfactory; puris were found to be hard; Sometimes under cooked or over cooked puri and rice are served.

Children and teachers reported Dal /sabzi/karhi quality as found average. About 39 % children like vegetable pulao the least. Children like meals that tastes good. 95% children prefer puri chole/sabjee and 73% Rice and Besan Curhi . It was also observed that aided school children prefer MDM the least. This phenomenon prevails in other sampled districts.

### ix)Quantity of meal

It was observed by MI during sampled school visits that generally two puris (35x2=70 gm) per head are served from to class V, and 2 to 3 puris (35x3puri=105gm) approximately from classes VI to VIII. Nearly 65% of primary school children informed two puris per head is too less for them. Similarly, nearly 59% upper primary children informed that 2-3 puris per head were similarly insufficient. MI discussed with upper class children and found they were not aware of cooked meal quantity prescribed by department for them. It is desirable cooked meal quantity be displayed along with menu.

### x)Quantity of pulses used in the meal per child.

MI observed that one ladle dal was given to primary class children and two ladles to upper primary children.

### xi)Quantity of green leafy vegetables used in the meal per child.

Leafy green vegetable is not served to children. Green vegetables are, however, used in curhi.

### xii) Whether double fortified salt is used?

All kitchens visited by MI use double fortified salt.

### xiii) Acceptance of the meal amongst the children.

In MI's own observations and information from children meals are accepted by nearly 87% primary school children and 75% upper primary children. Secondary class children also desire to have MDM in composite DOE schools.

**Indicators**

xiv) Method / Standard gadgets / equipment for measuring the quantity of food to be cooked and served.

Generally ladles are used for serving meal among children. No standard gadgets are used for measuring Rice, Dal and others vegetable.

{Please give reasons and suggestions to improve, if children were not happy.}

In order to meet the larger ends of MDM, it is significant that both quantity and quality of MDM be improved, as also variation in the menu. MI observed that nearly 24 % DOE upper primary and 57% aided schools children carry lunch from home and some of them avail MDM at school. All children were found preferring puri, rice, besan curhi. Above all, MDM supervision requires improvement.

It was found that Most of MDM in-charge personnel in DOE schools were not aware or clear about the quantity of cooked meal to be received by them at school. In 8 (20%) DOE and 19(46%) SDMC schools there are weighing machines but they are used only occasionally. The turnover of cooks employed by suppliers is high. This affects the quality of meals. Some time thick puri and undercooked puri are served. Some children and teachers suggested Rajma be included in DOE and aided schools MDM menu. Curhi should be included in SDMC menu.

Children reported in DOE and SDMC schools rice based meal (Rice- Curhi, Rice-Rajma, Rice Chhole and Rice Dal) is mixed and served. This practice is neither appropriate nor hygienic. School authorities do not pay attention to this practise.

In order to meet the larger ends of MDM, it is significant that both quantity and quality of MDM be improved, as also variation in the menu. Awareness about healthy food, entitlement to cooked meal and objective of MDM programme should be created among children through quiz, debates etc

**7.Variety of Menu:**

(1) Who decides the menu?

As per MI's information menu is decided by Mid Day Meal Cell in the Directorate of Education and Directorate of South Delhi Municipal Corporation (SDMC) in consultation with MDM committee. The menu selected by Committee is followed by all schools in the respective districts. In DOE schools vegetable Dalia include in

<b>Indicators</b>	
	menu from 1 <sup>st</sup> April 2014.
	(ii) Whether weekly menu is displayed at a prominent place noticeable to community,
	Out of 41 sampled schools, 05(12%) Directorate of Education and 12(29%) South Delhi Municipal Corporation schools were found displaying MDM weekly menu at convenient and conspicuous places. However, sampled aided schools were not found following this instruction.
	(iii) Is the menu being followed uniformly?
	School principal and teachers confirm the menu is followed by and large uniformly.
	(iv) Whether menu includes locally available ingredients?
	Suppliers include menu as prescribed by Education Department. According to feedback from children seasonal vegetables should be included to enhance nutritional value.
	(v) Whether menu provides required nutritional and caloric value per child?
	Concerned teacher opines that prescribed menu provides nutritional and caloric value.
	<u>8. Display of Information under Right to Education Act, 2009 at the school level at prominent place:</u>
	(i) Quantity and date of food grains received
	MDM cooked in centralized kitchen. (NA)
	(ii) Balance quantity of food grains utilized during the month
	MDM cooked in centralised kitchens (NA).
	(iii) Other ingredients purchased, utilized
	MDM cooked in centralised kitchens (NA).
	(iv) Number of children given MDM
	Such information was not displayed on school information board in schools. Meal cards and MDM registers were found maintained at schools.
	(v) Daily menu:
	Out of 41 sampled schools, 5(12%) Directorate of Education and 12(29%) South



## Indicators

Delhi Municipal Corporation schools were found displaying MDM weekly menu at convenient and conspicuous places. However, sampled aided schools were not found following this instruction.

(v) Display of MDM logo at prominent place preferably outside wall of the school.

Out of 41 sampled schools, 12 (29%) Directorate of Education (DOE) and 8 (20%) SDMC schools were found displaying MDM Logo at noticeable places. Sampled aided schools were not found following this practise.

### 9. Trends:

Extent of variation (As per school records vis-à-vis Actual on the day of visit).

On the day of MI visit, 73% of primary and 74% of upper primary school children were present as per enrolment. Of these 79% primary and 78% upper primary school children had availed MDM as per school MDM register. At a head count and feedback from students MI found that 72% of primary and 63% of upper primary school children were present that day had actually availed MDM. The difference of 7% in primary and 15% in upper primary are significant. They indicate the prevailing patterns of meal cards maintained by concerned teachers.

MI found that maintenance of Meal Cards of all sampled Directorate of Education and South Delhi Municipal Corporation and aided schools were attendance based rather than on actual consumption of meals. It was observed that cooked meal card of DOE schools and SDMC schools were different from each other. MI suggests meal cards ought to be uniform. However, Directorate of Education meal card is more transparent than South Delhi municipal Corporation.

### 10. Social Equity:

**v)** What is the system of serving and seating arrangements for eating?

MI found in 66% schools children availed mid-day meal standing in queues and 31% schools children in classrooms. This depended on functional convenience and availability of space.

**vi)** Did you observe any gender or caste or community discrimination in cooking or serving or seating arrangements?

No discrimination was identified in serving or consuming of MDM. All sampled schools' children were served meals in same manner.

<b>Indicators</b>	
vii)	The name of the school where discrimination found of any kind may be mentioned in the main body of the report along with date of visit.
	Such incident has not been noticed by MI; neither did children report as such.
viii)	If any kind of social discrimination is not found in the school, comments of the team may be given in the inspection register of the school.
	Social discrimination was not observed among children in any sampled schools during school visit.
<b><u>11. Convergence With Other Schemes:</u></b>	
<b>1. SarvaShikshaAbhiyan:</b>	
	Civil work and SMC/community training and medical assessment of children with Special Need (CWSN) are at convergence with SSA Programme. MI noticed that there is no coordination between School health programme and Children with Special Need (CWSN). It is felt that both programmes need coordination for betterment of the scheme.
<b>2. School Health Programme:</b>	
xi)	Is there school Health Card maintained for each child?
	Out Of 41 sample schools, South Delhi Municipal Corporation and DOE schools were not found maintaining Health Cards. None of the aided schools are covered under Chacha Nehru School Health Check-up Programme.
xii)	What is the frequency of health check-up?
	In South Delhi Municipal Corporation and Directorate of Education Schools Chacha Nehru Health Scheme was found covering 15 (37%) and 16 (39%) children. In sampled South Delhi Municipal Corporation and Directorate of Education schools gathered data reveals that holding of annual health checkups. Aided schools children are not extended health check-up provisions. Under Chacha Nehru Health Scheme health checks are conducted but health cards or other records are not available at school.
xiii)	Whether children are given micronutrients (Iron, folic acid, vitamin – A dosage) and de-worming medicine periodically?
	Weekly Iron folic scheme (WIFS) tablets are given to children under Chacha Nehru School Health Programme. De-worming tablets were provided to all sampled school children in last six months.

**Indicators**

xiv) Who administers these medicines and at what frequency?
MI noticed that school class teacher administered medicines to children every week.
xv) Whether height and weight record of the children is being indicated in the school health card.
Children's health cards were not found in schools.
xvi) Whether any referral during the period of monitoring.
Referrals cases were not noticed during monitoring period.
vii) Instances of medical emergency during the period of monitoring.
No medical emergency instance was noticed during monitoring period.
viii) Availability of the first aid medical kit in the schools.
In all sampled schools First Aid kits were found with essential medicines, such as Dettol, Betadine ointment, Soframycine ointment, Cotton, Paracetamol tablets, Band Aid, and scissors etc.
xix) Dental and eye check-up included in the screening.
In sampled South Delhi Municipal Corporation and Directorate of Education Schools eye check up is included in the screening during CWSN (SSA) screening camp. However, it was not found in aided schools.
xx) Distribution of spectacles to children suffering from refractive error.
Those children suffering from refractive error have been provided spectacles by SSA programme or SDMC Health Department.
2. Drinking Water and Sanitation Programme:
ii) Whether potable water is available for drinking purpose in convergence with Drinking Water and Sanitation Programme.
In all sampled schools potable drinking water is supplied by Delhi Jal Board with underground pipes and tanker. Aquaguard/ RO installed in schools were found inadequate in proportion with enrolled children. Toilets' sanitation is matter of concern in high enrolment schools of DOE and SDMC. Inadequate strength of sweepers was found in high enrolment schools.
3. MP / MLA LAD Scheme
MP/MLA LAD scheme were not undertaken in sampled schools.

**Indicators**

4. Any Other Department / Scheme.

Not Applicable.

12. Infrastructure:

1. Kitchen-cum-Store

a) Is a pucca kitchen shed-cum-store

MDM is cooked in centralized kitchens. Hence none of the schools have Kitchen cum store.

viii) Constructed and in use

Not Applicable

ix) Under which Scheme Kitchen-cum-store constructed -MDM/SSA/Others

x) Not Applicable

xi) Constructed but not in use (Reasons for not using)

Not Applicable

xii) Under construction

Not Applicable

xiii) Sanctioned, but construction not started

Not Applicable

xiv) Not sanctioned

Not Applicable

b). In case the pucca kitchen-cum-store is not available, where is the food being cooked and where the food grains /other ingredients are being stored?

Not Applicable

c) Kitchen-cum-store in hygienic condition, properly ventilated and away from classrooms.

Not Applicable

d) Whether MDM is being cooked by using firewood or LPG based cooking?

Not Applicable

**Indicators**

e) Whether on any day there was interruption due to non-availability of firewood or LPG?

Not Applicable

**2. Kitchen Devices:**

v) Whether cooking utensils are available in the school?

Not Applicable

vi) Source of funding for cooking and serving utensils – Kitchen Devices fund / MME / Community contribution / others.

Not Applicable

vii) Whether eating plates etc are available in the school?

In sampled South Delhi Municipal Corporation (SDMC), Directorate of Education (DOE) and aided Schools primary class children carry eating plates from home .It was noticed that 59% upper primary school children carry eating plates and most of the children share with each other during meal serving. MI noticed during unit test and examination period most of the children do not carry eating plates. DOE school principal had asked suppliers to supply eating plates/dona or supply biscuit.

viii) Source of funding for eating plates - MME / Community contribution / others?

Out of 41 sampled schools, 13(32%) Directorate of Education and 5(12%)SDMC schools received Rs 2800/- towards Management Monitoring Evaluation (MME) in the month of March 2014. School principal reported and Mi verified expenditure made as per guide lines. I.e. dustbin, towel, Lifebuoy soap and Dari etc. Aided schools had not received MME funds from Department. South Delhi Municipal Corporation has not released MME funds to schools.

**3. Availability of storage bins:**

(i)Whether storage bins are available for food grains? If yes, what is the source of their procurement?

Not Applicable

**13.Toilets in the school:**

(i)Is separate toilet for the boys and girls are available?

MI found all sampled schools have separate toilets for boys and girls

(i)Are toilets usable?

## Indicators

It was noticed all toilets are usable for children cleanliness and water supply in is found satisfactory in 15 schools. In high enrolment 6DOE and 4 SDMC schools their numbers are inadequate. There is scarcity of running water in toilets. Cleanliness and maintenance of toilets was matter of concern. DOE schools House-keeping agency is being paying a meagre Rs.3000-3500/ cash and remunerations are delayed 3 to 4 months. Sweeper strength also needs to be increased.

### 14.Availability of potable water:

(i)Is Tap water / tube well / hand pump / Well / Jet pump available?

Delhi Jal Board (DJB) water is supplied through underground pipes to schools. Schools have water storage tanks. Aquaguards installed are inadequate in numbers. In 3 SDMC schools, State Bank of India has installed Aquagard/RO under Corporate Social Responsibility (CSR).

(i)Any other source

### 15.Availability of fire extinguishers:

1- Whether availability of fire extinguisher in School? Whether it is functional and demo carried out regularly?

MI noticed all sampled schools have adequate numbers of fire extinguishers. They were found in working condition. Demo is carried out by Fire and Disaster Management Department as per schedule.

### 16.IT infrastructure available @ School level:

(a)Number of computers available in the school (if any).

MI found all sampled DOE, South Delhi Municipal Corporation and aided sampled schools have computers with IT infrastructure.

(b)Availability of internet connection (If any).

MI found DOE, SDMC and aided sampled schools have computers with internet facility. However, South Delhi Municipal Corporation school computers were not functional in 8 sampled schools during MI visit.

(c)Using any IT / IT enabled services based solutions / services (like e-learning etc.) (if any)

Schools use computer and internet facility as Management Information System (MIS) purpose.

### 17. Safety & Hygiene:

## Indicators

(i) General Impression of the environment, Safety and hygiene:

In 41 visited South Delhi Municipal Corporations Directorate of Education and aided schools safety arrangements in 15 % were found very good 60% good and 25 % fair. DOE and SDMC schools students were encouraged to wash their hands before and after eating. Schools encouraged washing hands on account of limited lunch break (20 minutes), scarcity of water and teachers' apathy.

(ii) Are children encouraged to wash hands before and after eating

MI noticed in all sampled schools of DOE, SDMC and aided children not encouraged to wash hands before and after eating. Schools have time constraint and inadequate water availability in schools.

(iii) Do the children take meals in an orderly manner?

In most schools children take meals in an orderly manner. Teachers supervise MDM distribution only when officials are on visit to schools. Distribution is usually left to helpers. Usually boys are found disobeying the helper. Concerned teachers attitude is usually of apathy. They take this responsibility as an imposition by the Department.

(iv) Conservation of water?

All schools encouraged children to conserve water.

(v) Is the cooking process and storage of fuel safe, not posing any fire hazard?

Since cooking is done outside the school in Centralized kitchen, safety as such is not an issue in schools.

### 18. Community Participation:

(i) Extent of participation by Parents / SMC / VEC / Panchayats / Urban bodies in daily supervision and monitoring.

In MI's observation School Management Committees (SMC) have been constituted in all sampled Directorate of Education, SDMC and aided schools. According to minutes of meetings constitution of SMCs is by selection of members in most of the schools. Data reveals that SMC meeting had been held in 5(12%) DOE quarterly and in 7(17%) DOE and 4(10%) SDMC schools the same are held half yearly. However, they are not held specifically for MDMs.

No community meeting was held specifically for MDMs. Community participation was found poor in all sampled schools. SMC members/parents in all sampled schools were not aware of Supervision and monitoring of MDM. Nor were they

**Indicators**

aware of their roles and responsibilities or eligibility and entitlements for cooked, meal quantity per child, entitlement etc as notified by the state government/local body.

SMC/community members only occasionally visit and observe meal distribution. Most parents are from weaker sections and busy working during school hours. School authority's attitude is not much encouraging toward SMC members. Members are invited only for signatures in meeting registers. Overall participation by parents/SMC/ and Local urban bodies was poor in all schools. This vital component need to be strengthened.

(ii)Is any roster of community members being maintained for supervision of the MDM?

Roster of community members was not found maintained.

(iii)Is there any social audit mechanism in the school?

MI found social audit has not been undertaken in sampled SDMC, DOE, DCB or aided schools.

(iv)Number of meetings of SMC held during the monitoring period.

SMC meeting was not held in sampled schools during monitoring period.

(v) In how many of these meetings issues related to MDM were discussed?

MI school data reveals that no community meeting had been held specifically for MDMs.

**19. Inspection & Supervision:**

(i)Is there any Inspection Register available at school level?

Inspection register are in place in all sampled schools.

(ii)Whether school has received any funds under MME component?

MME funds were received in 13(32%) DOE schools and 5 (12%) SDMC in March 2014. South Delhi Municipal Corporation has not released MME fund to schools. Aided schools informed they do not receive funds as such.

(iii)Whether State / District / Block level officers / officials inspecting the MDM Scheme?

Mid-day meal centralized kitchen was inspected by Principal, MDM in-charge of Directorate of Education. While South Delhi Municipal Corporation school



**Indicators**

inspector visited centralized kitchens and schools. SDMC schools uniformly maintain MDM cooked meal Registers, DOE and aided schools were found lacking.

(iv)The frequency of such inspections?

The frequency of inspection of DOE suppliers' Kitchens by schools principal and MDM in-charges by rotation basis and South Delhi Municipal Corporation kitchen by DDE primary school and School Inspector was bi monthly or quarterly. While MDM in-charge of SDMC School was not found visited in MDM Kitchen. DOE officials rarely visit samples aided schools for inspection. DOE officials and SDMC school inspector visited occasionally at meal distribution time in schools. Suggestions/remarks were not found in inspection registers in sampled schools.

20.Impact:

(i)Has the mid day meal improved the enrollment, attendance, retention of children in school?

In MI's observation, information from teachers and records, mid day meal has improved enrolment, attendance and retention of children in schools. Table-9

Particulars	Teachers		Parents	
	Yes	No	Yes	No
Improved Enrolment	66%	34%	54%	46%
Improved Attendance	71%	29%	69%	31%
Improved retention	73%	27%	65%	35%

(I)Whether mid day meal has helped in improvement of the social harmony?

MI observed that mid day meal has helped in improving social harmony in schools, especially the act of eating together.

(ii)Whether mid day meal has helped in improvement of the nutritional status of the children?

In MI observation and teacher's opinions MDM has helped in improvement of nutritional status of children.

(iii)Is there any other incidental benefit due to serving of meal in schools?

School teachers informed children's purchasing edibles from street vendors has declined.

21.Grievance Redressal Mechanism ;

(i)Is any grievance redressal mechanism in the district for MDMS?

**Indicators**

There was no Grievance Redressal Mechanism in any sampled school of Directorate of Education, aided and South Delhi Municipal Corporation schools.

(ii) Whether the district / block/zone / school having any Toll Free number?

All sampled school teachers not aware of such system placed in department for parents. In MI's own findings and information from school principals there no Toll Free numbers at either of above.

**III-Service Provider: (Centralized Kitchen)****1. Infrastructure Facilities:**

MI representatives visited 2 supplier's kitchens, 1 of Directorate of Education and 1 South Delhi Municipal Corporation appointed suppliers. Suppliers were found having adequate working areas for receiving, storing of food grains, pre-preparation of meal, cooking areas, food assembling and washing areas. Cleanliness was fair and dryness was also fair. Ventilation was good.

**2. Procurement and storage of food grains:****(i) Raw material**

Kitchen in-charge informed cereals (pulses, rajma, black gram), potatoes, sugar, besan and cooking oil were generally purchased weekly. Most of the products were certified by 'Agmark'. Green vegetables (spinach, coriander leaf) were purchased daily. The quality of raw materials available was fair on the day of visit. One week raw material was stocked in the store. Records of quantity of raw materials were not available. Food grains records lacked transparency.

**(ii) Containers bag used for storage:**

Cereals, pulses, rajma, sugar and vegetable were stored in jute and plastic bags while fats and oils in metal/ tin containers. Raw material / ingredients, containers and bags were stacked on raised platform in kitchen store room.

3. Water:-- Source ,availability, storage:
(i) Source of water:
All sample centralized kitchens have Delhi Jal Board water supply and bore wells with submersible pumps. Delhi Jal board water was available in morning and evening. RO plants for water purification were found installed.
(ii) Is water stored in any vessel?
All visited sampled kitchens had 5-6 syntex plastic tanks (1000 Litres) for water storage.
(iii) How long has water been stored?
Kitchen in-charge informed water is stored for a maximum 12 hours. Water storing utensils were found covered.
4. Pre-preparation:
(i) Equipments used during preparation:
Mechanical equipments i.e. chopping boards, patila, knives, graters, grinding machine etc, and electrical gadgets i.e. dough/kneader mixer, steam boilers kettles and puri making machines are used for pre-preparation of meals in kitchens.
(ii) Equipment cleaned before use:
The equipment is cleaned before and after use. There were no stains of grease, dirt, rust or detergent on equipments/utensils. All raw materials were washed before cooking.
(iii) Is any facility for refrigeration?
Sampled kitchens did not have refrigeration facility.
5. Preparation and Packaging:

(i) Food items cooked on day of MI visit:
During MI kitchen visit puri and potatoes, and rice and curhi (dal) was cooked in kitchen. Spoon and ladle were used to add ingredients during cooking.
(ii) Time lapsed between preparation and packaging:
Gap between meal preparation and packaging was between 10 to 20 minutes. Cooked food was allowed cooling time before packaging.
(iii) How is the food packed:
Rice and Puri were packed in steel drums. While Vegetable/Pulses were put into steel doles. Packaging material was found clean. Food weighing was not done in any kitchen before packing. It was done as approximate quantities.
(iv) What is the fuel used for cooking
LPG and steam boilers were used as fuel for cooking.
6. Management of the leftover food:
(i) Is entire food prepared sent to schools is utilized:
According to MI's observation and information from kitchen in-charge all cooked meal quantity is sent to schools.
(ii) What the suppliers do with the food uneaten by children?
MI observed that all quantities of cooked meal are sent to schools; However, some leftovers from schools are brought back. They are collected by cattle /dairy farms regularly.
(iii) Has food/meal ever returned by the school authority and its reason?
Kitchen –in charge reported rare instances of meals being returned from schools. Please give <i>reasons</i> .
(iv) Dish washing :

<p>Sampled kitchens have separate dish washing areas. Detergents and potassium permanganate are used in washing.</p>
<p>7.Organisational Chart of worker:</p>
<p>(i)Numbers of worker working with supplier’s kitchen in different categories?</p>
<p>All kitchens have employed different categories of workers i.e. Kitchen in-charge, stores in-charge, purchases in-charge, head cook, cook's helpers, handlers and distributors, cleaners /sweepers and guard. All categories of workers were present during MI visit. <i>Record of manpower working in kitchen was not available. However; actual numbers of workers could not be confirmed.</i></p>
<p>(ii)Do they display the organizational chart?</p>
<p>Suppliers had not displayed organizational chart with worker/employee and their numbers in kitchens and schools.</p>
<p>8.Personal hygiene Practice:</p>
<p>(i) Personal hygiene of workers of Kitchen:</p> <p>Cooks and helpers were found with headgears and uniforms during cooking and packaging of meals only in some kitchens. They, however, were well groomed and with clean finger nails. They did not use gloves while handling food. They wear uniforms and head gears only during visits by officials.</p>
<p>(ii) Do they have any toilets facility?</p>
<p>Toilet facility was available in all kitchens in good hygienic condition.</p>
<p>(iii) How would you rate hygiene of cook and handlers:</p>
<p>Hygiene of cooks and handlers was found fair. There is a need to address sanitation/hygiene practices among other kitchen staff. For dish washing workers need to use gloves and safety shoes.</p>
<p>(iv)Do you observe any unhygienic practices followed by food handlers?</p>

<p>Cooked cum helper need to wear head gear and apron during cooking meal at kitchen.</p>
<p>9.Kitchen waste disposal:</p>
<p>Kitchens were found with covered garbage bins. Garbage is removed twice or thrice every day. There was no littering.</p>
<p>10. Food Transportation:</p>
<p>(i)Mode of transporting of Food.</p>
<p>Kitchen in-charges informed meals are carried to schools in EECO and TATA ACE vans. The driver and handlers together deliver packed meals to schools.</p>
<p>(ii) Are the food containers kept in the vehicle covered properly:</p>
<p>It was observed food containers are properly covered and kept in the vehicle. Vehicle's food compartment was clean and dry.</p>
<p>(iii)Does any person accompany the packed food in the vehicle?</p>
<p>Food handler accompanies packed food in vehicle.</p>
<p>11. Food/meal Evaluation:</p>
<p>In MI's observation sensory food evaluation i.e. appearance, taste, smell, texture and over all acceptability was good.</p>
<p>12. Menu for the whole week:</p>
<p>As stipulated, generally 3 days wheat based and 3 days rice based meal is cooked for MDM.</p>
<p><b>II-School level checklist:</b> (Mid day meal serve through Centralized Kitchen)</p>
<p>1.Quantity of meal received and records:</p>

(i) Who is in-charge and where meal received:
In all sampled schools MDM in-charge is designated to receive meals. However, MI observed supplier's handler places MDM in designated place in 30(73%) school premises. School MDM in-charge is short of time to receive meal.
(ii) what is the approx. quantity of receiving meal:
In the 41 sampled Directorate of Education and aided schools daily records of received cooked MDM quantity were not maintained. Aided schools did not follow this practice at all. It was found that South Delhi Municipal corporation school MDM in-charges calculate cooked meal quantity on the basis of attendance register instead of actual cooked meal received on that day. Consequently where enrolment is higher children remain hungry.
4.Organisation of MDM at school level:
(i) Is committee constituted For MDM:
Though all sampled schools of all Directorate of Education and South Delhi Municipal Corporation have duly constituted MDM committees, ineffective in improving MDM at school. They are not even aware of norms and circulars issued by education Departments of MDM introducing changes from time to time.
(ii) whether PTA and senior citizen involved:
PTA and senior citizens are members of MDM committees.
(iii) Any health worker involved :
None of schools has a health worker in MDM committee.
(iv) What extent they involved in MDM distribution and taste meal before serve school maintained any record and his /her comment:
It was found that most of committee members do not taste meal before it is served amongst children. In many cases school helper tastes meal as such. No remark was observed in MDM registers in schools pertaining to meal quality, taste etc. In SDMC

school only parent's signature/thumb impression were found on registers. During our school visit none of the MDM committee member/parents were not present to taste meal and put comments in register.

**5.Food Handling :**

(i) Meal being distributed by the suppliers personnel/handlers:

Helpers/handlers were have appointed by MDM suppliers in all sampled schools.

(ii) Cleanliness of food handler/helpers:

Hygiene and cleanliness were discussed with helpers and teachers on a five point scale of helpers' health and hygiene. Table -10

Sl.No		NA	Poor	Fair	Good
1.	Cleanliness of uniforms/cloths	Nil	09(22%)	28(68%)	04(10%)
2.	Wearing head gears /apron/ gloves	Nil	11(27%)	25(61%)	05(12%)
3.	Well groomed	Nil	08(20%)	26(63%)	7(17%)
4.	Finger nail short and cleaned	Nil	Nil	23(56%)	18(44%)
5.	Any observable sign of illness	Nil	Nil	Nil	Nil



## 6. Utensil/Equipments for distribution and physical conditions:

In all sampled schools utensils i.e. *Dols*, containers, drums and ladles were of stainless steel. Their physical condition was good in most schools. All containers/and *Dols* were provided with lids. Table -11

Sl. No.	Name of equipments used	Material/metals of used in schools			Physical condition utensils used for MDM supply.		
		Aluminum	Steel	others	Good	Fair	Broken
1.	Dols	---	41	----	31	10	----
2.	Drums/containers	NA	41		33	08	----
3.	Ladle		41		37	04	---

## 8.Food Evaluation:

Out of 34 sample schools, MDM in-charge informed that sensory food evaluation i.e. appearance, taste, smell, texture and over all acceptability was consumable for children.

Table 12

Sl. No.	Sensory Evaluation	Rating of MDM by MDM in-charge		
		Poor	Fair	Good
1.	Appearance	Nil	31(56%)	10 (24%)
2.	Taste	Nil	28(68%)	13(32%)
3.	Smell	Nil	26(63%)	15(37%)

4.	Texture	Nil	30(73%)	11(27%)
5.	Overall Acceptability	NIL	27(66%)	14(34%)

Table-13

List of sampled school visited of District-South Delhi

Sl.No.	Name of schools	UDISE School code	Date of School visit
1.	Sarvodaya Co-ed Vidylaya Sector-2R.k.Puram.	7080116706	04.08.2014
2.	Sarvodaya Co-ed Vidylaya, Safdarjang Enclave.	7080116401	04.08.2014
3.	SKV,Fatehpur Beri.	7090117404	05.08.2014
4.	GGSS, School,C-block Sangam Vihar.	7090117701	05.08.2014
5.	GBSS School,No.1 Khanpur.	7090118103	06.08.2014
6.	SBV, Chhatarpur.	7090117401	06.08.2014
7.	GBSSS,No.2Sector-4Ambedkar nagar.	7090118211	06.08.2014
8.	SBV,(Yogi Arvind) Sector-4 Ambedkar nagar.	7090118213	07.08.2014
9.	GBSSS,No.1Sector-4Ambedkar nagar.	7090118212	07.08.2014
10.	SBV, Qutub Mehrauli.	7090117005	08.08.2014
11.	Sarvodaya Co-ed Vidylaya,Sector-5Ambedkar nagar.	7090117902	08.08.2014
12.	SBV, Sector-4,Ambedkar nagar.	7090118208	08.08.2014
13.	GBSSS,Houz Rani Malviya Nagar.	7090116202	11.08.2014
14.	SKV, Malviya Nagar.	7090116102	11.08.2014
15.	GGSS, School, M.B. Road Pushp Vihar.	7090118403	11.08.2014

16.	GBSSS,G-Block Saket.	7090116902	11.08.2014
17.	GGSS, Begampur (MMTC/STC).	7090116106	12.08.2014
18.	Sarvodaya Co-ed Vidyalaya, Shahpur jat.	7090119101	12.08.2014
19.	GBSSS, Sector-3 R.k.Puram.	7080116602	13.08.2014
20.	GGSS, School, B-1 Vasant Kunj.	7080117204	16.08.2014
21.	Khalsa Middle School, Sarojani Nagar.	Not Available	07.04.2014
<b>SDMC SCHOOL</b>			
22.	SDMC Pry School, Mangalapuri.	Not Available	13.03.2014
23.	SDMC Girls Pry School, Hauz Rani.	7090416205	14.03.2014
24.	SDMC Pry School, G-block Saket.	7090416901	17.04.2014
25.	SDMC NPV, Saidulajab.	7090417305	21.04.2014
26.	SDMC NPV, Masoodpur.	Not Available	26.07.2014
27.	SDMC Pry. Co-ed School, Arjun Nagar.	Not Available	26.07.2014
28.	SDMC NPV, Sec-7 Pushp Vihar.	7090418403	26.07.2014
29.	SDMC Pry School,(Girls) Sector-4Ambedkar Nagar.	7090418308	28.07.2014
30.	SDMC NPV,(Boys) Ayanagar.	Not Available	05.08.2014
31.	SDMC Pry School (Boys), C-Block Sangam Vihar.	7090417706	05.08.2014
32.	SDMC Pry School (Boys), Chhatarpur Village.	Not Available	06.08.2014
33.	SDMC NPV,(Boys) Mehrauli.	Not Available	07.08.2014
34.	SDMC Pry. Co-ed School, Sultanpur Village.	Not Available	07.08.2014
35.	SDMC (Boys) Pry School, No.3 Sec-6 Dr.Ambedkar Nagar	7090417903	12.08.2014
36.	SDMC (Boys) Pry School, Main Market Malviya Nagar.	Not Available	13.08.2014
37.	SDMC NPV, J.J.Colony Khanpur.	Not Available	13.08.2014
38.	SDMC Pry. Co-ed School, Sector-2R.k.Puram.	7080416601	13.08.2014
39.	SDMC NPV (Girls) Tigri Sec-1 Dr.Ambedkar Nagar .	Not Available	16.08.2014

40.	SDMC Pry School,(Girls) Devli.	7090417806	16.08.2014
41.	SDMC Pry School (Boys), Shahpurjat.	7090419103	16.08.2014
42.	Jai Jee Humantarian Society. Sultanpur ,NewDelhi,		07.08.2014
43.	Kitchen visit Blessing Society. Mardi village, New Delhi, Centralized kitchen		01.08.2014

Mid Day Meal Scheme Monitoring report of district-South East Delhi:

3. At school level

<b>Indicators</b>	
<u>1.Availability of food grains:</u>	
(i)Whether buffer stock of food grains for one month is available at the school/kitchen/ MDM suppliers?	
	Food grains are provided to MDM suppliers through Food Corporation of India (FCI). MDM suppliers appointed by Directorate of Education (DOE) and South Delhi Municipal Corporation (SDMC) brought to notice of the MI team that stipulated one month buffer stock of grains was not maintained. Directorate of Education (DOE) appointed suppliers informed that there was irregularity in disbursement of grains supply to them. It is uncommon that food grains are delivered in advance.
(ii) Whether food grains is delivered in school/kitchen/ in time by lifting agency?	
	No.
(iii) If lifting agency is not delivering the food grains at school/kitchen/ MDM suppliers how the food grains is transported up to school level?	
	MDM suppliers lift food grains from FCI godowns. Transportation costs are reimbursed belatedly by Department.
(iv) Whether the food grain is of Fair Average Quality (FAQ) of grade A quality?	
	As per guidelines, though FCI is supposed to supply FAQ of A Grade, suppliers informed there is no uniformity in the quality of grains supplied. Sometimes the quality is good at other times poor.. However, the quantity of food grains is same as indicated on bags.
(v) Whether food grains are released to school/kitchen/MDM suppliers after adjusting the unspent balance of the previous month?	
	Suppliers informed MI when food grains are released in advance by Department the unspent balance of previous month is adjusted in current month.
<u>2.Timely release of funds:</u>	
Whether State is releasing funds to District / block / school on regular basis in advance? If not,	
(a) Period of delay in releasing funds by State to district.	

<b>Indicators</b>	
	Directorate of Education (DOE) State nodal agency releases funds to South Delhi Municipal Corporation (SDMC) twice a financial year i.e. July and November. DOE and aided Schools cooking cost and cook cum helpers (fund) are released to district from April 2014. MME fund were released to Directorate of Education schools in February 2014. South Delhi Municipal Corporation (SDMC) has not released MME funds yet.
	(b) Period of delay in releasing funds by District to block / schools.
	District to block funds released mechanism not in place in any districts.
	(C) Period of delay in releasing funds by block to schools.
	Block to school funds released mechanism not in place in any districts
	<u>3.Availability of Cooking Cost:</u>
	iii) Whether school / implementing agency has receiving cooking cost in advance regularly?
	South Delhi Municipal Corporation (SDMC) school cooking cost is transferred by head quarter to zonal level. DOE has made available cooking cost and cook cum helper's funds at district level from April 2014. Suppliers informed cooking costs are not received in advance. Cooking cost is received after 40 to 50 days after serving meals from district/zonal office.
	(ii) Period of delay, if any receipt of cooking cost.
	In MI's observation, and on basis of data gathered from DOE schools and suppliers' kitchens, procedural matters are often the reasons for delays. Directorate of schools needs to simplify procedures and fix time frames.
	(iii)In case of non receipt of cooking cost how the meal is served?
	MDM suppliers informed they take internal membership loans and credit from market.
	(iv) Mode of payment of cooking cost (Cash/ cheque/e-transfer?)
	Suppliers confirm that cooking cost is reimbursed through e-transfer.
	<u>4.Availability of Cook-cum-helpers:</u>
	xxiii) Who engaged Cook-cum-helpers at schools (Department / SMC / VEC / PRI / Self Help Group / NGO /Contractor)?
	MDM suppliers engage cook-cum-helpers.
	xxiv) If cook-cum-helper is not engaged who cooks and serves the meal?
	All schools have helpers for serving meals.
	xxv) Is the number of cooks-cum-helpers engaged in the school as per GOI norms or

## Indicators

as per State norms?

Delhi Government has issued guidelines to engage cook cum helpers in proportion with enrolment of children in schools. 50% of cook cum helpers deployed in schools are for serving meal and the other 50% for MDM kitchens. DOE and SDMC appointed MDM suppliers have not engaged adequate strength of cook cum helpers in September 2013 as required under guidelines. MI found that engaged cook-cum-helpers are not in specified ratio in DOE and SDMC Schools. All helpers come from economically weaker sections. Despite notification and uploading on Department website, MDM in-charge/committee member are not aware of specified ratio between cooks cum helpers and enrolled children.

xxvi) Honorarium paid to cooks cum helpers.

MI has noticed that most helpers receive a remuneration of anywhere between Rs. 500 to 1000 per month against the specified GOI stipulated Rs.1000/ per month. Suppliers have paid less remuneration than stipulated between August 2013 to April 2014. MI found in sampled schools cook cum helper working records was not available. School wise cook cum helpers engaged by supplies and their payments details given below:  
Table-14

S.N	Name of Schools	Total Enrolled children	cook cum helpers appointed as per GOI norms	No. of helpers engaged	Remuneration paid per month per helper.	Name of Suppliers
1	Sarvodaya Vidyalaya, INA Colony.	148	Yes	1	1000 From March-2014	Manjeet Education and Social Welfare
2	SKV, Chitranjan Park.	1038	No	4	1000 From April-2014	Blessing Society
3	SKV, No.-2 Kalkaji.	736	No	3	1000	Blessing Society
4	GBSS School, G-block Kalkaji.	595	Yes	3	Record not available	Blessing Society

## Indicators

5	GGSS, School, Okhla phase-1 Tehkhand.	1048	No	4	1000	Blessing Society	
6	GBSS School, No.2 Badarpur.	654	Yes	4	1000	Jay Jee Humatarian	
7	SKV, Tuglkabad.	1926	No	6	1000 from Nov.-2013	Jay Jee Humatarian	
8	GGSS School, No.2 Molarbandh.	3616	No	16	1000 from Dec.-2013	Jay Jee Humatarian	
9	GBSS School, No.3 Molarbandh.	1134	Yes	7	1000	Jay Jee Humatarian	
10	GGSS School, Badarpur.	789	No	3	1000	Manjeet Education and Social Welfare	
11	SKV, Madanpur Khadar.	2590	No	12	1000 from August.-2013	Blessing Society	
12	GGSS School, Jasola Village.	935	No	4	Helper comes from suppliers kitchen	Manjeet Education and Social Welfare	
13	SKV.No.-2 East of Kailash.	933	No	2	1000	Manjeet Education and Social Welfare	
14	SBV, Noor Nagar.	908	Yes	5	1000	Blessing Society	
15	SKV, New Friends Colony.	1127	No	5	1000 from January.-2014	Blessing Society	



**Indicators**

16	SKV, Andrews Ganj.	502	No	2	Helper comes from suppliers kitchen	Manjeet Education and Social Welfare
17	SBV, Lajpat Nagar.	640	Yes	3	1000 from July.-2014	Manjeet Education and Social Welfare
18	GBSS School, Sarai Kale Khan.	364	Yes	2	1000 from July.-2014	Manjeet Education and Social Welfare
19	Govt. Co-ed Sec. School, Bhogal Jangpura	474	Yes	2	1000 from July.-2014	Manjeet Education and Social Welfare
20	SKV,Defence Colony.	1094	No	4	1000 from July-14	Manjeet Education and Social Welfare
21	Air Force Bal Niketan Middle School, Vayusenabad Tuglkabad (Aided)	666	No	1	1500	Jay Jee Humatarian
<b>SDMC, SCHOOLS.</b>						
22	SDMC Pry School, Kalkaji.	461	Yes	2	1000	Iskon Food Relief Foundation
23	SDMC Pry School, Tehkhand.	1012	No	4	1000 from feb-14	Jay Jee Humatarian
24.	SDMC Pry School, Tajpur Pahari-II.	558	No	2	1000	Iskon Food Relief Foundation

## Indicators

25.	SDMC Pry School, Jasola-II.	1162	No	3	1000 from April-14	Iskon Food Relief Foundation
26.	SDMC Pry School, Madanpur Khadar-II.	515	No	2	1000	Iskon Food Relief Foundation
27.	SDMC Pry School, Giri Nagar-II.	349	No	1	1000 from Jan-14	Iskon Food Relief Foundation
28.	SDMC Pry School, Sarai Kale Khan-II.	763	No	2	1000	Iskon Food Relief Foundation
29.	SDMC Pry School, Meethapur-II.	870	No	3	1000	Iskon Food Relief Foundation
30.	SDMC NPV (Girls) Jaitpur.	2032	No	6	1000	Jay Jee Humatarian
31.	SDMC Pry School, (Girls), Gautampuri.	501	No	2	1000	Iskon Food Relief Foundation
32.	SDMC Pry School, Ali Village-II.	762	No	3	1000	Iskon Food Relief Foundation
33.	SDMC Pry School, Jakir Nagar-II.	936	Yes	5	1000 from Feb-14	Iskon Food Relief Foundation
34.	SDMC Pry School, (Girls), Lalkuan.	718	No	2	1000	Jay Jee Humatarian

## Indicators

35.	SDMC Pry. Model School, (Girls), Bharat Nagar.	232	No	1	1000 from April-14	Iskon Food Relief Foundation
36.	SDMC Pry. Model School, (Boys), Tughlkabad Ext.	806	No	2	1000 from Jan-14	Jay Jee Humatarian
37.	SDMC Co-ed Pry. School, Modi Meel.	268	No	1	1000 from March-14	Iskon Food Relief Foundation
38.	SDMC Pry School, (Girls), Molarbandh.	744	No	2	1000	Iskon Food Relief Foundation
39.	SDMC Co-ed Pry.School, Jamroodpur.	555	No	2	1000	Jay Jee Humatarian
40.	SDMC NPV (Co-ed) Defence Colony.	375	Yes	2	1000	Jay Jee Humatarian
41.	SDMC NPV (Girls) Harkesh Nagar.	1804	No	6	1000	Iskon Food Relief Foundation

xvii) Mode of payment to cook-cum-helpers?

In MI's own observation and information from helpers remuneration are made in cash. It ought be ensured that cook cum helper's payment are made through banking channel. It has led to pilferage in payments at school and kitchen level.

xviii) Are the remuneration paid to cooks cum helpers regularly?

Most of the helpers at sampled schools received remuneration regularly.

## Indicators

<p>xxix) Social Composition of cooks cum helpers? (SC/ST/OBC/Minority)</p> <p>MDM supplier has recruited helpers and cooks from economically weaker sections. They are Male or Females.</p>
<p>xxx) Is there any training module for cook-cum-helpers?</p> <p>There is no training module for cook cum helpers.</p>
<p>xxxi) Whether training has been provided to cook-cum-helpers?</p> <p>Training to cook cum helpers has not been provided.</p>
<p>xxii) In case the meal is prepared and transported by the Centralized kitchen / NGO, whether cook-cum-helpers have been engaged to serve the meal to the children at school level.</p> <p>Mid Day Meals are provided in all schools through Centralized kitchens. Helpers for serving meals have been engaged by MDM suppliers.</p>
<p>xxiii) Whether health check-up of cook-cum-helpers has been done?</p> <p>Cook cum helpers engaged in schools and kitchens are not provided health check up facility by either MDM suppliers or Education Department.</p>
<p><u>5. Regularity in Serving Meal :</u> Whether the school is serving hot cooked meal daily? If there was interruption, what was the extent and reasons for the same?</p> <p>All 34 sampled schools of Directorate of Education (DOE), South Delhi Municipal Corporation (SDMC) DCB and aided schools visited by MI were found serving freshly cooked meals to children from centralized kitchens. There has been no stated or recorded interruption.</p>
<p><u>6. Quality &amp;Quantity of Meal:</u> Feedback from children on</p> <p><b>xv)Quality of meal</b></p> <p>According to MI's own observations, responses from students and head teachers the quality of meals supplied are average. Nearly 65% of children reported quality of meals as dissatisfactory. Gravy of Dal, Chhole was thin and vegetable was average. The quality and quantity of Rice and puris was not satisfactory; machine-made puris were found to be hard; Sometimes under cooked or over cooked puri and rice are served.</p> <p>Children and teachers reported Dal /sabzi/karhi quality as found average. About 37 %</p>

## Indicators

children like vegetable pulao the least. Children like meals that tastes good. About 90% children prefer puri chole/sabjee and 78% Rice and Besan Curhi . It was also observed that aided school children prefer MDM the least.

### xvi)Quantity of meal

It was observed by MI during sampled school visits that generally two puris (35x2=70 gm) per head are served from to class V, and 2 to 3 Puris (35x3=105gm) approximately from classes VI to VIII. Nearly 63% of primary school children informed two puris per head is too less for them. Similarly, nearly 60% upper primary children informed that 2-3 puris per head were similarly insufficient. MI discussed with upper class children and found they were not aware of cooked meal quantity prescribed by department for them. It is desirable cooked meal quantity be displayed along with menu.

### xvii)Quantity of pulses used in the meal per child.

MI observed that one ladle dal was given to primary class children and two ladles to upper primary children.

### xviii)Quantity of green leafy vegetables used in the meal per child.

Leafy green vegetable is not served to children. Green vegetables are, however, used in curhi.

### xix) Whether double fortified salt is used?

All kitchens visited by MI use double fortified salt.

### xx) Acceptance of the meal amongst the children.

In MI's own observations and information from children meals are accepted by nearly 85% primary school children and 73% upper primary children. Secondary class children also desire to have MDM in composite DOE schools.

### xxi)Method / Standard gadgets / equipment for measuring the quantity of food to be cooked and served.

Generally ladles are used for serving meal among children. No standard gadgets are used for measuring Rice, Dal and others vegetable.

{Please give reasons and suggestions to improve, if children were not happy.}

In order to meet the larger ends of MDM, it is significant that both quantity and quality of MDM be improved, as also variation in the menu. MI observed that nearly 20 % DOE upper primary and 57% aided schools children carry lunch from home and some of

## Indicators

them avail MDM at school. All children were found preferring puri, rice, besan curhi. Above all, MDM supervision requires improvement.

It was found that most of the MDM in-charge personnel in DOE schools were not aware or clear about the quantity of cooked meal to be received by them at school. In 5(12%) DOE and 20(49%) SDMC schools there are weighing machines but they are used only occasionally. The turnover of cooks employed by suppliers is high. This affects the quality of meals. Some time thick puri and undercooked puri are served. Some children and teachers suggested Rajma be included in DOE and aided schools MDM menu. Curhi should be included in SDMC school menu.

Children reported in DOE and SDMC schools rice based meal (Rice- Curhi, Rice- Rajma, Rice Chhole and Rice Dal) is mixed and served. This practice is neither appropriate nor hygienic. School authorities do not pay attention to this practise.

In order to meet the larger ends of MDM, it is significant that both quantity and quality of MDM be improved, as also variation in the menu. Awareness about healthy food, entitlement to cooked meal and objective of MDM programme should be created among children through quiz, debates etc

### 7.Variety of Menu:

#### (1) Who decides the menu?

As per MI's information menu is decided by Mid Day Meal Cell in the Directorate of Education and Directorate of South Delhi Municipal Corporation (SDMC) in consultation with MDM committee. The menu selected by Committee is followed by all schools in the respective districts. In DOE Schools vegetable Dalia included in menu from 1<sup>st</sup> April 2014.

#### (ii)Whether weekly menu is displayed at a prominent place noticeable to community,

Out of 41 sampled schools, 3(7%) Directorate of Education and 13(32%) South Delhi Municipal Corporation schools were found displaying MDM weekly menu at convenient and conspicuous places. However, sampled aided schools were not found following this instruction. In 3(7%) SDMC (Central zone) Schools displayed menu with cooked meal quantity.

<b>Indicators</b>	
	(iii) Is the menu being followed uniformly?
	School principal and teachers confirm the menu is followed by and large uniformly.
	(iv) Whether menu includes locally available ingredients?
	Suppliers include menu as prescribed by Education Department. According to feedback from children seasonal vegetables should be included to enhance nutritional value.
	(v) Whether menu provides required nutritional and caloric value per child?
	Concerned teacher opines that prescribed menu provides nutritional and caloric value.
	<u>8. Display of Information under Right to Education Act, 2009 at the school level at prominent place:</u>
	(i) Quantity and date of food grains received
	MDM cooked in centralized kitchen. (NA)
	(ii) Balance quantity of food grains utilized during the month
	MDM cooked in centralised kitchens (NA).
	(iii) Other ingredients purchased, utilized
	MDM cooked in centralised kitchens (NA).
	(iv) Number of children given MDM
	Such information was not displayed on school information board in schools. Meal cards and MDM registers were found maintained at schools.
	(v) Daily menu:
	Out of 41 sampled schools, 3 Directorate of Education and 13 South Delhi Municipal Corporation schools were found displaying MDM weekly menu at convenient and conspicuous places. However, sampled aided schools were not found following this instruction.
	<u>(v) Display of MDM logo at prominent place preferably outside wall of the school.</u>
	Out of 34 sampled schools, 16 Directorate of Education (DOE) and 6 SDMC (Nazafgarh Zone) were found displaying MDM Logo at noticeable places. Sampled aided schools were not found following this practice.
	<u>9. Trends:</u>
	Extent of variation (As per school records vis-à-vis Actual on the day of visit).
	On the day of MI visit, 66% of primary and 73% of upper primary school children were

## Indicators

present as per enrolment. Of these 93% primary and 95% upper primary school children had availed MDM as per school MDM register. At a head count and feedback from students MI found that 85% of primary and 79% of upper primary school children were present that day had actually availed MDM. The difference of 8% in primary and 16% in upper primary are significant. They indicate the prevailing patterns of meal cards maintained by concerned teachers.

MI found that maintenance of Meal Cards of all sampled Directorate of Education and South Delhi Municipal Corporation and aided schools were attendance based rather than on actual consumption of meals. It was observed that cooked meal card of DOE schools and SDMC schools were different from each other. MI suggests meal cards ought to be uniform. However, Directorate of Education meal card is more transparent than South Delhi municipal Corporation.

### 10.Social Equity:

**ix)** What is the system of serving and seating arrangements for eating?

MI found in 68% schools children availed mid-day meal standing in queues and 32% schools children in classrooms. This depended on functional convenience and availability of space.

**x)** Did you observe any gender or caste or community discrimination in cooking or serving or seating arrangements?

No discrimination was identified in serving or consuming of MDM. All sampled schools' children were served meals in same manner.

**xi)** The name of the school where discrimination found of any kind may be mentioned in the main body of the report along with date of visit.

Such incident has not been noticed by MI; neither did children report as such.

**xii)** If any kind of social discrimination is not found in the school, comments of the team may be given in the inspection register of the school.

Social discrimination was not observed among children in any sampled schools during school visit.

### 11.Convergence With Other Schemes:

1.SarvaShikshaAbhiyan:

Civil work and SMC/community training and medical assessment of children with



## Indicators

Special Need (CWSN) are at convergence with SSA Programme. MI noticed that there is no coordination between School health programme and Children with Special Need (CWSN). It is felt that both programmes need coordination for betterment of the scheme.

2.School Health Programme:

xxi) Is there school Health Card maintained for each child?

MI found Delhi Cantonment Board school children have Health Cards. Of the 41 sampled schools, South Delhi Municipal Corporation and DOE schools were not found maintaining Health Cards. None of the aided schools are covered under Chacha Nehru School Health Check-up Programme.

xxii) What is the frequency of health check-up?

In sampled South Delhi Municipal Corporation and Directorate of Education Schools Chacha Nehru Health Scheme was found covering 17 (41%) DOE and 18 (44%) SDMC School children. In sampled South Delhi Municipal Corporation and Directorate of Education schools gathered data reveals that holding of annual health checkups. Aided schools children are not extended health check-up provisions. Under Chacha Nehru Health Scheme health checks are conducted but health cards or other records are not available at school.

xxiii) Whether children are given micronutrients (Iron, folic acid, vitamin – A dosage) and de-worming medicine periodically?

Weekly Iron folic scheme (WIFS) tablets are given to children under Chacha Nehru School Health Programme. De-worming tablets were provided to all sampled school children in last six months.

xxiv) Who administers these medicines and at what frequency?

MI noticed that school class teacher administered medicines to children every week.

xxv) Whether height and weight record of the children is being indicated in the school health card.

Children's health cards were not found in schools.

xxvi) Whether any referral during the period of monitoring.

Referrals cases were not noticed during monitoring period.

xxvii) Instances of medical emergency during the period of monitoring.

**Indicators**

No medical emergency instance was noticed during monitoring period.

viii) Availability of the first aid medical kit in the schools.

In all sampled schools First Aid kits were found with essential medicines, such as Dettol, Betadine ointment, Soframycine ointment, Cotton, Paracetamol tablets, Band Aid, and scissors etc.

ix) Dental and eye check-up included in the screening.

In sampled South Delhi Municipal Corporation and Directorate of Education Schools eye check up is included in the screening during CWSN (SSA) screening camp. However, it was not found in aided schools.

x) Distribution of spectacles to children suffering from refractive error.

Children suffering from refractive error have been provided spectacles by SSA programme or SDMC Health Department.

2. Drinking Water and Sanitation Programme:

iii) Whether potable water is available for drinking purpose in convergence with Drinking Water and Sanitation Programme.

In all sampled schools potable drinking water is supplied by Delhi Jal Board with underground pipes and tanker. Aquaguard/ RO installed in schools were found inadequate in proportion with enrolled children. Toilets' sanitation is matter of concern in high enrolment schools of DOE and SDMC. Inadequate strength of sweepers was found in high enrolment schools.

3. MP / MLA LAD Scheme

MP/MLA LAD scheme were not undertaken in sampled schools.

4. Any Other Department / Scheme.

Not Applicable.

12. Infrastructure:

1. Kitchen-cum-Store

a) Is a pucca kitchen shed-cum-store

MDM is cooked in centralized kitchens. Hence none of the schools have Kitchen cum store.

xv) Constructed and in use

**Indicators**

	Not Applicable
xvi)	Under which Scheme Kitchen-cum-store constructed -MDM/SSA/Others
xvii)	Not Applicable
xviii)	Constructed but not in use (Reasons for not using)
	Not Applicable
xix)	Under construction
	Not Applicable
xx)	Sanctioned, but construction not started
	Not Applicable
xxi)	Not sanctioned
	Not Applicable
	b). In case the pucca kitchen-cum-store is not available, where is the food being cooked and where the food grains /other ingredients are being stored?
	Not Applicable
	c) Kitchen-cum-store in hygienic condition, properly ventilated and away from classrooms.
	Not Applicable
	d) Whether MDM is being cooked by using firewood or LPG based cooking?
	Not Applicable
	e) Whether on any day there was interruption due to non-availability of firewood or LPG?
	Not Applicable
	<u>2. Kitchen Devices:</u>
ix)	Whether cooking utensils are available in the school?
	Not Applicable
x)	Source of funding for cooking and serving utensils – Kitchen Devices fund / MME

**Indicators**

/ Community contribution / others.

Not Applicable

xi) Whether eating plates etc are available in the school?

In sampled South Delhi Municipal Corporation (SDMC), Directorate of Education (DOE) and aided primary schools children carry eating plates from home .It was noticed that only some upper primary school children carry eating plates and most of the children share with each other during meal serving. MI noticed during unit test and examination period most of the children do not carry eating plates. DOE school principal had asked suppliers to supply eating plates/dona or supply biscuit.

xii) Source of funding for eating plates - MME / Community contribution / others?

Out of 41 sampled schools, 15(37%) Directorate of Education schools received Rs 2800/- towards Management Monitoring Evaluation (MME) at the end of academic year. School principal reported and MI verified expenditure made as per guide lines. I.e. dustbin, towel, Lifebuoy soap and Dari etc. Aided schools had not received MME funds from Department. In 20(49%) South Delhi Municipal Corporation has released MME funds Rs.2000/- to schools in July 2014. Expenditure made by schools Thali, Glass MDM Register, ,Soap, spoon, green cloth, Note pad, paper napkin ,pen vim powder etc.

**3. Availability of storage bins:**

(i)Whether storage bins are available for food grains? If yes, what is the source of their procurement?

Not Applicable

**13.Toilets in the school:**

(i)Is separate toilet for the boys and girls are available?

MI found all sampled schools have separate toilets for boys and girls

(i)Are toilets usable?

It was noticed all toilets are usable for children cleanliness and water supply in is found satisfactory in 13 (32%) DOE and 16(39%) SDMC schools. In high enrolment 7(17%) DOE and 4(10%) SDMC schools their numbers are inadequate. There is scarcity of running water in toilets. Cleanliness and maintenance of toilets was matter of concern.DOE House-keeping agency is being paying a meagre Rs.3000-3500/ cash and remunerations are delayed 3 to 4 months. Sweeper strength also needs to be increased.

<b>Indicators</b>	
	<u>14. Availability of potable water:</u>
	(i) Is Tap water / tube well / hand pump / Well / Jet pump available?
	Delhi Jal Board (DJB) water is supplied through underground pipes to schools. Schools have water storage tanks. Aquaguards installed are inadequate in numbers. In 6 SDMC schools, State Bank of India have installed Aquagard/RO under Corporate Social Responsibility (CSR).
	(i) Any other source
	<u>15. Availability of fire extinguishers:</u>
	1- Whether availability of fire extinguisher in School? Whether it is functional and demo carried out regularly?
	MI noticed all sampled schools have adequate numbers of fire extinguishers. They were found in working condition. Demo is carried out by Fire and Disaster Management Department as per schedule.
	<u>16. IT infrastructure available @ School level:</u>
	(a) Number of computers available in the school (if any).
	MI found all sampled DOE, 20 South Delhi Municipal Corporation and aided sampled schools have computers with IT infrastructure.
	(b) Availability of internet connection (If any).
	MI found DOE, SDMC and aided sampled schools have computers with internet facility. However, South Delhi Municipal Corporation school computers were not functional in nearly 9 (45%) sampled SDMC schools during MI visit.
	(c) Using any IT / IT enabled services based solutions / services (like e-learning etc.) (if any)
	Schools use computer and internet facility as Management Information System (MIS) purpose.
	<u>17. Safety &amp; Hygiene:</u>
	(i) General Impression of the environment, Safety and hygiene:
	In 41 visited South Delhi Municipal Corporations Directorate of Education and aided schools safety arrangements in 15% were found very good 45% good and 40% fair. DOE and SDMC schools students were not encouraged to wash their hands before and after eating. Schools not encouraged washing hands on account of limited lunch break (20 minutes), scarcity of water and teachers' apathy.

**Indicators**

(ii) Are children encouraged to wash hands before and after eating

MI noticed in all sampled schools of DOE, SDMC and aided children not encouraged to wash hands before and after eating. Schools have time constraint and inadequate water availability in schools.

(iii) Do the children take meals in an orderly manner?

In most schools children take meals in an orderly manner. Teachers supervise MDM distribution only when officials are on visit to schools. Distribution is usually left to helpers. Usually boys are found disobeying the helper. Concerned teachers attitude is usually of apathy. They take this responsibility as an imposition by the Department.

(iv) Conservation of water?

All schools encouraged children to conserve water.

(v) Is the cooking process and storage of fuel safe, not posing any fire hazard?

Since cooking is done outside the school in Centralized kitchen, safety as such is not an issue in schools.

**18. Community Participation:**

(i) Extent of participation by Parents / SMC / VEC / Panchayats / Urban bodies in daily supervision and monitoring.

In MI's observation School Management Committees (SMC) have been constituted in all sampled Directorate of Education, SDMC and aided schools. According to minutes of meetings constitution of SMCs is by selection of members in most of the schools. Data reveals that SMC meeting had been held in 6 (15%) DoE quarterly and in 8 (20%) DOE and 3 (7%) SDMC schools the same are held half yearly. However, they are not held specifically for MDMs.

No community meeting was held specifically for MDMs. Community participation was found poor in all sampled schools. SMC members/parents in all sampled schools were not aware of their provisioned towards supervision and monitoring of MDM. Nor were they aware of their roles and responsibilities or eligibility and entitlements for cooked, meal quantity per child, entitlement etc as notified by the state government/local body.

SMC/community members only occasionally visit and observed meal distribution. Most parents are from weaker sections and busy working during school hours. School authority's attitude is not much encouraging toward SMC members. Members are invited only for signatures in meeting registers. Overall participation by parents/SMC/

**Indicators**

and Local urban bodies was poor in all schools. This vital component need to be strengthened.

(ii)Is any roster of community members being maintained for supervision of the MDM?

Roster of community members was not found maintained.

(iii)Is there any social audit mechanism in the school?

MI found social audit has not been undertaken in sampled SDMC, DOE, DCB or aided schools.

(iv)Number of meetings of SMC held during the monitoring period.

SMC meeting was not held in sampled schools during monitoring period.

(v) In how many of these meetings issues related to MDM were discussed?

MI school data reveals that no community meeting had been held specifically for MDMs.

**19. Inspection & Supervision:**

(i)Is there any Inspection Register available at school level?

Inspection register are in place in all sampled schools.

(ii)Whether school has received any funds under MME component?

MME funds were received in 15(37%) DOE schools in March 2014 and in 20 (49%) South Delhi Municipal Corporation schools received in July 2014. Aided schools informed they do not receive funds as such.

(iii)Whether State / District / Block level officers / officials inspecting the MDM Scheme?

Mid-day meal centralized kitchen was inspected by teachers of Directorate of Education. South Delhi Municipal Corporation school inspector also visited centralized kitchens and schools. While SDMC schools uniformly maintain MDM Registers, while DOE and aided schools were found lacking.

(iv)The frequency of such inspections?

The frequency of inspection of DOE suppliers' Kitchens by schools principal and MDM in-charges by rotation basis and South Delhi Municipal Corporation supplier's kitchen by school inspector and DDE by monthly. DOE officials rarely visit samples aided schools for inspection. DOE and SDMC school official/inspector visited occasionally at

**Indicators**

meal time in schools. Suggestions/remarks were not found in inspection registers in sampled schools.

**20.Impact:**

(i)Has the mid day meal improved the enrollment, attendance, retention of children in school?

In MI's observation, information from teachers and records, mid day meal has improved enrolment, attendance and retention of children in schools.

Table-15

Particulars	Teachers		Parents	
	Yes	No	Yes	No
Improved Enrolment	79%	21%	65%	35%
Improved Attendance	72%	28%	69%	31%
Improved retention	80%	20%	65%	35%

(I)Whether mid day meal has helped in improvement of the social harmony?

MI observed that mid day meal has helped in improving social harmony in schools, especially the act of eating together.

(ii)Whether mid day meal has helped in improvement of the nutritional status of the children?

In MI observation and teacher's opinions MDM has helped in improvement of nutritional status of children.

(iii)Is there any other incidental benefit due to serving of meal in schools?

School teachers informed children's purchasing edibles from street vendors has declined.

**21.Grievance Redressal Mechanism ;**

(i)Is any grievance redressal mechanism in the district for MDMS?

There was no Grievance Redressal Mechanism in any sampled school of Directorate of Education, aided and South Delhi Municipal Corporation schools.

(ii)Whether the district / block/zone / school having any Toll Free number?

In MI's own findings and information from school principals there no Toll Free numbers at either of above.



### III-Service Provider: (Centralized Kitchen)

#### 1. Infrastructure Facilities:

MI representatives visited supplier's kitchen, 1 of Directorate of Education appointed suppliers. Suppliers were found having adequate working areas, i.e. for receiving, storing of food grains, pre-preparation of meal, cooking areas, food assembling and washing areas. Cleanliness was fair and dryness was also fair. Ventilation was good.

#### 2. Procurement and storage of food grains:

##### (i) Raw material

Kitchen in-charge informed cereals (pulses, rajma, and black gram), potatoes, sugar, besan and cooking oil were generally purchased weekly. Most of the products were certified by 'Agmark'. Green vegetables (coriander leaf) were purchased daily. The quality of raw materials available was fair on the day of visit. One week raw material was stocked in the store. Records of quantity of raw materials was not available. Food grains records lacked transparency.

##### (ii) Containers bag used for storage:

Cereals, pulses, rajma, sugar and vegetable were stored in jute and plastic bags while fats and oils in metal/ tin containers. Raw material / ingredients, containers and bags were stacked on raised platform in kitchen store room.

#### 3. Water:-- Source ,availability, storage:

##### (i) Source of water:

All sample centralized kitchens have Delhi Jal Board water supply and bore wells with submersible pumps. Delhi Jal board water was available in morning and evening. RO plants for water purification were found installed.

##### (ii) Is water stored in any vessel?

All visited sampled kitchens had 7 plastic tanks (1000 Litres) for water storage.
(iii) How long has water been stored?
Kitchen in-charge informed water is stored for a maximum 12 hours. Water storing utensils were found covered.
4. Pre-preparation:
(i) Equipments used during preparation:
Mechanical equipments i.e. chopping boards, patila, knives, graters, grinding machine etc, and electrical gadgets i.e. dough/kneader mixer, steam boilers kettles and puri making machines are used for pre-preparation of meals in kitchens.
(ii) Equipment cleaned before use:
The equipment is cleaned before and after use. There were no stains of grease, dirt, rust or detergent on equipments/utensils. All raw materials were washed before cooking.
(iii) Is any facility for refrigeration?
Sampled kitchens did not have refrigeration facility.
5.Preparation and Packaging:
(i) Food items cooked on day of MI visit:
During MI kitchen visit puri and potatoes, and rice and curhi (dal) was cooked in kitchen. spoon and ladle were used to add ingredients during cooking.
(ii)Time lapsed between preparation and packaging:
Gap between meal preparation and packaging was between 10 to 20 minutes. Cooked food was allowed cooling time before packaging.
(iii) How is the food packed:

<p>Rice and Puri were packed in steel drums. While vegetable/Pulses were put into steel doles. Packaging material was found clean. Food weighing was not done in any kitchen before packing. It was done as approximate quantities.</p>
<p>(iv) What is the fuel used for cooking</p>
<p>LPG and steam boilers were used as fuel for cooking.</p>
<p>6. Management of the leftover food:</p>
<p>(i) Is entire food prepared sent to schools is utilized:</p>
<p>According to MI's observation and information from kitchen in-charge all cooked meal quantity is sent to schools.</p>
<p>(ii)What the suppliers do with the food uneaten by children?</p>
<p>MI observed that all quantities of cooked meal are sent to schools; However, some leftovers from schools are brought back. They are collected by piggery/dairy farms regularly.</p>
<p>(iii) Has food/meal ever returned by the school authority and its reason?</p>
<p>Kitchen –in charge reported rare instances of meals being returned from schools. Please give <i>reasons</i>.</p>
<p>(iv)Dish washing :</p>
<p>Sampled kitchens have separate dish washing areas. Detergents and potassium permanganate are used in washing.</p>
<p>7.Organisational Chart of worker:</p>
<p>(i)Numbers of worker working with supplier's kitchen in different categories?</p>
<p>All kitchens have employed different categories of workers i.e. Kitchen in-charge, stores in-charge, purchases in-charge, head cook, cook's helpers, handlers and distributors, cleaners /sweepers and guard. All categories of workers were present during MI visit. <i>Record of manpower working in kitchen was not available.</i></p>

<p><i>However; actual numbers of workers could not be confirmed. Record of helpers was not available either at schools and kitchen who serving meals in schools.</i></p>
<p>(ii) Do they display the organizational chart?</p>
<p>Suppliers had not displayed organizational chart with worker/employee and their numbers in kitchens and schools.</p>
<p>8. Personal hygiene Practice:</p>
<p>(i) Personal hygiene of workers of Kitchen:</p> <p>Cooks and helpers were found with headgears and uniforms during cooking and packaging of meals only in some kitchens. They, however, were well groomed and with clean finger nails. They did not use gloves while handling food. They wear uniforms and head gears only during visits by officials.</p>
<p>(ii) Do they have any toilets facility?</p>
<p>Toilet facility was available in all kitchens in good hygienic condition.</p>
<p>(iii) How would you rate hygiene of cook and handlers:</p>
<p>Hygiene of cooks and handlers was found fair. There is a need to address sanitation/hygiene practices among other kitchen staff. For dish washing workers need to use gloves and safety shoes.</p>
<p>(iv) Do you observe any unhygienic practices followed by food handlers?</p>
<p>Cooked cum helper need to wear head gear and apron during cooking meal at kitchen.</p>
<p>9. Kitchen waste disposal:</p>
<p>Kitchens were found with covered garbage bins. Garbage is removed twice or thrice every day. There was no littering.</p>
<p>10. Food Transportation:</p>

(i) Mode of transporting of Food.
Kitchen in-charges informed meals are carried to schools in EECO and TATA ACE vans. The driver and handlers together deliver packed meals to schools.
(ii) Are the food containers kept in the vehicle covered properly:
It was observed food containers are properly covered and kept in the vehicle. Vehicle's food compartment was clean and dry.
(iii) Does any person accompany the packed food in the vehicle?
Food handler accompanies packed food in vehicle.
11. Food/meal Evaluation:
In MI's observation sensory food evaluation i.e. appearance, taste, smell, texture and over all acceptability was good.
12. Menu for the whole week:
As stipulated, generally 3 days wheat based and 3 days rice based meal is cooked for MDM.
<b>II-School level checklist: (Mid day meal serve through Centralized Kitchen)</b>
1. Quantity of meal received and records:
(i) Who is in-charge and where meal received:
In all sampled schools MDM in-charge is designated to receive meals. However, MI observed Supplier's handler places it in designated place in 33 (80%) school premises. School MDM in-charge is short of time to receive meal.
(ii) what is the approx. quantity of receiving meal:
Out of 41 sampled schools in 20 Directorate of Education and 1 aided school daily

records of received cooked MDM quantity were not maintained. However, it was found that South Delhi Municipal corporation school MDM in-charges calculate cooked meal quantity on the basis of attendance register instead of actual cooked meal received on that day. Consequently where enrolment is higher children remain hungry.

#### 4.Organisation of MDM at school level:

(i) Is committee constituted For MDM:

Though all sampled schools of all Directorate of Education and South Delhi Municipal Corporation have duly constituted MDM committees, ineffective in improving MDM at school. They are not even aware of norms and circulars issued by education Departments of MDM introducing changes from time to time.

(ii) whether PTA and senior citizen involved:

PTA and senior citizens are members of MDM committees.

(iii) Any health worker involved :

None of schools has a health worker in MDM committee.

(iv) What extent they involved in MDM distribution and taste meal before serve school maintained any record and his /her comment:

It was found that most committee members do not taste meal before it is served amongst children. In many cases school helper tastes meal as such. No remark was observed in MDM registers in schools pertaining to meal quality, taste etc. In SDMC school only parent's signature/thumb impression were found on registers. During our school visit none of the MDM committee member/parents were not present to taste meal and put comments in register.

#### 5.Food Handling :

(i) Meal being distributed by the suppliers personnel/handlers:

Helpers/handlers were have appointed by MDM suppliers in all sampled schools.

(ii) Cleanliness of food handler/helpers:

Hygiene and cleanliness were discussed with helpers and teachers on a five point scale of helpers' health and hygiene. Table -16

Sl.No.		NA	Poor	Fair	Good
1.	Cleanliness of uniforms/cloths	Nil	5(12%)	25(62%)	11(26%)
2.	Wearing head gears /apron/ gloves	Nil	7(17%)	21(51%)	13(32%)
3.	Well groomed	Nil	05(12%)	26(64%)	10(24%)
4.	Finger nail short and cleaned	Nil	Nil	24(59%)	17(41%)
5.	Any observable sign of illness	Nil	Nil	Nil	Nil

6. Utensil/Equipments for distribution and physical conditions:

In all sampled schools utensils i.e. *Dols*, containers, drums and ladles were of stainless steel. Their physical condition was good in most schools. All containers/and *Dols* were provided with lids. Table -17

Sl. No.	Name of equipments used	Material/metals of used in schools			Physical condition utensils used for MDM supply.		
		Aluminum	Steel	others	Good	Fair	Broken
1.	Dols	---	41	----	24	09	08
2.	Drums/containers	NA	41	--	26	10	05

	rs						
3.	Ladle	---	41	---	35	06	---

#### 8. Food Evaluation:

Out of 34 sample schools, MDM in-charge informed that sensory food evaluation i.e. appearance, taste, smell, texture and over all acceptability was consumable for children.

Table 18

Sl. No.	Sensory Evaluation	Rating of MDM by MDM in-charge		
		Poor	Fair	Good
1.	Appearance	Nil	25(61%)	16(39%)
2.	Taste	Nil	22(54%)	19 (46%)
3.	Smell	Nil	26 (63%)	15(37%)
4.	Texture	Nil	28 (68%)	13(32%)
5.	Overall Acceptability	NIL	26(63%)	15(37%)



Table-19

List of sampled school visited of District-South East Delhi

Sl.No	Name of schools	UDISE School code	Date of School visit
1.	Sarvodaya Vidyalaya, INA Colony.	7090115701	16.04.2014
2.	SKV, Chitranjan Park.	7090119001	19.08.2014
3.	SKV, No.-2 Kalkaji.	7090119604	19.08.2014
4.	GBSS School, G-block Kalkaji.	7090119607	19.08.2014
5.	GGSS, School, Okhla phase-1 Tehkhand.	7090119901	20.08.2014
6.	GBSS School, No.2 Badarpur.	7090120304	20.08.2014
7.	SKV, Tuglkabad.	7090119705	20.08.2014
8.	GGSS School, No.2 Molarbandh.	7090120402	21.08.2014
9.	GBSS School, No.3 Molarbandh.	7090120403	21.08.2014
10.	GGSS School, Badarpur.	Not Available	21.08.2014
11.	SKV, Madanpur Khadar.	7090120702	22.08.2014
12.	GGSS School, Jasola Village.	7090120801	22.08.2014
13.	SKV.No.-2 East of Kailash.	7090119401	23.08.2014
14.	SBV, Noor Nagar.	709012006	23.08.2014

15.	SKV, New Friends Colony.	7090120604	23.08.2014
16.	SKV, Andrews Ganj.	7090115902	25.08.2014
17.	SBV, Lajpat Nagar.	7090102701	25.08.2014
18.	GBSS School, Sarai Kale Khan.	Not Available	26.08.2014
19.	Govt. Co-ed Sec. School, Bhogal Jangpura	7090115601	26.08.2014
20.	SKV, Difence Colony.	7090115801	27.08.2014
21.	Air Force Bal Niketan Middle School, Vayusenabad Tuglkabad (Aided)	7090218501	04.04.2014
22.	SDMC Pry School, Kalkaji.	7090419005	19.08.2014
23.	SDMC Pry School, Tehkhand.	7090419903	20.08.2014
24.	SDMC Pry School, Tajpur Pahari-II.	7090420302	21.08.2014
25.	SDMC Pry School, Jasola-II.	7090420802	22.08.2014
26.	SDMC Pry School, Madanpur Khadar-II.	7090420701	22.08.2014
27.	SDMC Pry School, Giri Nagar-II.	7090419603	23.08.2014
28.	SDMC Pry School, Sarai Kale Khan-II.	7090415403	26.08.2014
29.	SDMC Pry School, Meethapur-II.	Not Available	27.08.2014
30.	SDMC NPV (Girls) Jaitpur.	7090420104	27.08.2014
31.	SDMC Pry School, (Girls), Gautampuri.	7090420307	28.08.2014
32.	SDMC Pry School, Ali Village-II.	Not Available	28.08.2014
33.	SDMC Pry School, Jakir Nagar-II.	Not Available	28.08.2014
34.	SDMC Pry School, (Girls), Lalkuan.	7090419802	28.08.2014

35.	SDMC Pry. Model School, (Girls), Bharat Nagar.	7090419306	28.08.2014
36.	SDMC Pry. Model School, (Boys), Tughlkabad Ext.	7090418506	28.08.2014
37.	SDMC Co-ed Pry.School, Modi Meel.	7090419405	29.08.2014
38.	SDMC Pry School, (Girls), Molarbandh.	7090420404	29.08.2014
39.	SDMC Co-ed Pry.School, Jamroodpur.	7090419201	29.08.2014
40.	SDMC NPV (Co-ed) Defence Colony.	7090415905	30.08.2014
41.	SDMC NPV (Girls) Harkesh Nagar.	7090420004	30.08.2014
42.	Kitchen visit Jan Jagrati Avom Shaiksinik Vikash Manch Plot No. 3 Sangam Vihar.	-----	30.08.2014

### **Critical observations during school visit:**

1. It would be useful to ensure smooth functioning that Cook cum helper's payment be made through banking channels. Suppliers have not adhered to the prescribed helper-enrolled children ratio and pilferage in cook cum helper payment was noticed in South west Delhi, South Delhi and South East Delhi districts.
2. School principal and MDM in-charge of DOE and SDMC are usually unaware of norms of cook cum helpers deployed in schools. This despite the fact that the Department had already circulated school wise norms and stipulations on helper-enrolled children ratio and uploaded on website.
3. Majority of schools MDM, Meal cards are prepared on the basis of attendance in sampled districts.
4. In SMC training conducted in 2013-14 have not been effective as only general information is provided. It did not reflect specific needs and concerns of mid day meal distribution nor records maintained at school level. Department of education, SPD, SSA, BURC and CRC may include training module for mid day meal scheme. They could also be included in monitoring MDM at schools.
5. Training for DOE MDM in-charge have been ineffective. School level problems, new changes in policy/circulars need to be included in training module. Such training need to be conducted once once a year under MME district level funds to update new ideas and space to share experiences. Innovative ways of recognition and awarding of model MDM practices need to be encouraged. There could also be mode of rating performance of schools at district and zone levels.
6. Grievance redressal mechanisms and Toll Free numbers need be introduced in all implementing agencies. SMC members and parents need be made aware of such mechanism.
7. School MDM committees are not effective to address issues like less quantity meal received in schools, overcooked or undercooked meals. MDM suppliers

least address grievances pertaining to sub-standard quality and less quantity of meals. They are also not aware of MDM norms updated periodically by the Department.

8. District /Zonal and school level monitoring mechanism needs to be strengthened. A follow up mechanism from school to district levels be introduced.
9. Schools MDM logo and weekly menu with cooked meal entitlement need to be displayed at noticeable place in schools.
10. Weighing machines should be place in DOE and aided schools.
11. In general weighing meal has proved to have failed, across schools as a regular practice by school authorities. In DOE and South Delhi Municipal Corporation Schools, morning shift girl's school with high enrolment, sometimes do not get meals. Schools do not verify weight/quantity of meal received. Resulting in shortage, girls who came without breakfast suffer. School Principal and MDM in-charge did not take cognizance of such problems.
12. Rice based cooked meal was being mixed with dal, curhi, and Rajma prior to distribution in sampled South Delhi Municipal Corporation and Directorate of Education schools. There should be some way of addressing this inappropriate and unhygienic practice.
13. Separate guidelines need to be devised for Salaries of workers at centralized kitchens. Funds should be provided as per needs of respective kitchens.
14. Uniform cooked meal cards should be in place for all implementing agencies in Directorate of Education and South Delhi Municipal Corporation.
15. Cooked meal stock register with MDM logo should be in place in Directorate of Education, South Delhi Municipal Corporation, Delhi cantonment Board and aided schools.
16. Individual children health cards were not maintained in Directorate of Education and South Delhi Municipal Corporation schools.

17. Aided school children are not covered under School health check-up programme.

18. Awareness of MDM entitlement/scheme and healthy food habits should be increased among children and its objective to implement the programme, as in quiz, debates, assembly announcement etc.

19 In High enrolment DOE and South Delhi Municipal Corporation schools of sampled districts, the number of available toilet units was found inadequate. Cleanliness and sanitation grave concern as the MDM is distributed to children in open premises not far from the toilets. This practice is extremely unhygienic, causing risk and discomfort.

20. DOE has outsourced housekeeping work to agency they are paying meager remuneration to sweeper's i.e. Rs.3500-4000/per month. Delay in payment of three to four month by housekeeping agencies has been a common issue.

