



## ABSTRACT

Social Welfare and Nutritious Meal Programme Department – Integrated Child Development Services Scheme – Monitoring and Evaluation – Conduct of Evaluation Study of Anganwadi Centres through Government Department of Evaluation and Applied Research in 32 Districts to the tune of Rs.1.00 crore - Sanction – Orders – Issued.

Social Welfare and Nutritious Meal Programme (SW7-1) Department

G.O.(Ms) No.29

Dated: 22.05.2014  
திருவள்ளூர்வாரண்டு 2045  
ஐய, வைகாசி 8  
Read:

- 1 Letter received from the Government of India, Ministry of Human Resource Development, Department of Women and Child Development, F.No.16-8/2000-ME, Dated 26.9.2000.
- 2 Letter received from the Government of India, Ministry of Women and Child Development, No.1-8/2012-CD-I, Dated 22.10.2012.
- 3 Letter received from the Principal Secretary/Commissioner, Integrated Child Development Services Scheme No.10446/M&E/2013, Dated 12.9.2013.

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## ORDER:-

In the letter first read above, Government of India have formulated guidelines for Monitoring and Evaluation Mechanism under Integrated Child Development Services Scheme. As per the Guidelines, undertaking research/operational research/evaluation studies on Integrated Child Development Services Scheme at State Level are allowed.

2. In the letter second read above, Government of India, have formulated guidelines and evolved a Broad Framework for implementation of Integrated Child Development Services Scheme in the "Mission Mode" by strengthening and restructuring of Integrated Child Development Services Scheme. Further Government of India have revised the existing norms /unit cost/ sharing pattern of the schemes and details of revised cost of Monitoring and Evaluation are as follows:-

| Component                 | Existing Rate of Rs. Per Anganwadi Centre /Per annum | Revised Rate of Rs. per Anganwadi Centre /Per Annum                       | Sharing Pattern |
|---------------------------|--|---|-----------------|
| Monitoring and Evaluation | <u>Anganwadi Centres</u>                             | <u>Anganwadi Centres</u> / <u>Mini Anganwadi Centres</u>                  | 90:10           |
|                           | Rs.500/- operational Anganwadi Centres per annum     | Rs.1,000/- per operational Anganwadi Centre /Mini Anganwadi Centre annum  |                 |
|                           | <u>Mini Anganwadi Centres</u>                        | Rs.50/- per Anganwadi Worker for Information and Communication Technology |                 |
|                           | Rs.100/- operational Anganwadi per annum             | per Mini Centre   |                 |

3. Hence all the Anganwadi Centres are eligible to utilise the total allocation of Rs.5,44,39,000/- per annum @ Rs.1,000/- per Anganwadi Centre under the component of Monitoring and Evaluation with the sharing pattern of 90:10.

4. In the letter 3rd read above, the Principal Secretary/Commissioner, Integrated Child Development Services Scheme has sent proposal to accord sanction for a sum of Rs.1.00 crore stating that the Government of India have incepted the Integrated Child Development Services Scheme in the year 1975, which is now one of the single largest programme for Child Welfare. Integrated Child Development Services Scheme has been instrumental in improving the health of 7 million pregnant and lactating mothers and 34 million children under age 6, by providing health and nutrition education, health services, supplementary food and pre-school education. The gender equality is promotion of the girl child by trying to bring her on par with the male child is through Information Education and Communication.

5. The Government of India have expanded the coverage under the programme universally and the Integrated Child Development Services Scheme has achieved several laudable milestones over the decades, in terms of nutrition for pregnant women and lactating mothers, safe pregnancy and delivery, ante and post natal care, neonatal and early childhood care, protection, education and development, immunization, intervention for Adolescent Girls and popularization of iodised salt. Severe grades of malnutrition have declined compared to other States, nearly 99 percent of deliveries have been institutionalized, Infant Mortality Rate has declined to 22 compared to the national average of 44. Nevertheless, there are challenges which still persist in the community, Maternal Morbidity Rate of 111 (SRS, 2011). The nutritional goals of the National Nutrition Plan are to reduce childhood under nutrition by half, Low Birth Weight by 10 percent, Maternal Morbidity Rate to 2/1000 live births, eradication of nutritional blindness and IDD.

6. Third party evaluation to assess the achievements against set objectives and goals and mid course corrections, if any, are vital to enhance the performance of any intervention programme. Hence, it is decided to conduct Evaluation Study on the impact of Integrated Child Development Services Scheme through reputed research Institutions /Universities/any other Government of India Organisation for the year 2013-2014.

#### Rationale of the Purpose of the Study

Name of the Study: Performance Outcome of Integrated Child Development Services Scheme (ICDS) on Health and Nutritional status of children (below 6 years) in Tamilnadu.

To sustain the success of any programme, a periodic review and evaluation is essential. Thus the present investigation "Performance outcome of Integrated Child Development Services Scheme on health and nutritional status of children (below 6 years) in Tamilnadu" will help to identify the lacunae and suggest strategies to enhance and re-strengthen the existing programme for the benefit of the community and the nation.

#### General objectives

To assess the

1. functioning of Integrated Child Development Services Scheme programme in all Districts of Tamilnadu and
2. impact of Integrated Child Development Services Scheme on the nutritional status of children below six years.

#### Specific objectives

To assess the

1. functioning of Integrated Child Development Services Scheme centres
2. nutritional status of all categories
3. knowledge of Integrated Child Development Services Scheme field functionaries regarding community nutrition and health, Sabla/Indira Gandhi Matritva Sahyog Yojana (IGMSY) etc.
4. awareness regarding functioning of Integrated Child Development Services Scheme among the community
5. impact of performance of Integrated Child Development Services Scheme

#### Research Design

Community health and nutrition based cross sectional design study will be adopted.

#### Population and Sampling

The Anganwadi Centres under the Integrated Child Development Services Scheme programme in the 32 Districts of Tamilnadu will form the locale of the study.

### Selection of the Anganwadi Centres

Out of a total of 54,439 Anganwadi Centres under 434 blocks (385 rural, 47 urban and 2 tribal blocks) of 32 Districts of Tamilnadu, 800 Anganwadi Centres will be selected based on Taroyamane (1960) formula for detecting Population sample – Total Population (N) /1+ total population (0.05)<sup>2</sup> (where N = total number of Anganwadi Centres, with 95% confidence level). The 800 centres will be distributed throughout Tamilnadu in the ratio of 88:11:1 (rural:urban:tribal).

### Selection of respondents

- All the child beneficiaries under 6 years of the 800 identified Anganwadi Centres will comprise the population sample-1
- All the Anganwadi functionaries namely the supervisors, workers and helpers of these 800 centres will constitute the population sample-II.
- To assess the awareness of the Integrated Child Development Services Scheme programme among the community, the population sample-III will be arrived using the Taroyamane (1960) formula.

### Construction of tools and conduct of the study

The study will be conducted in phases as indicated in the table below:-

| Phases of study  | Areas of action plan   | Tools to be used   |
|--|--|--|
| Phase – I<br>Assessment of the functioning of Integrated Child Development Services Scheme | 800 AWCs will be assessed on<br><ul style="list-style-type: none"> <li>• Physical infrastructure of Anganwadi Centres</li> <li>• Details of beneficiaries</li> <li>• Supplementary nutrition</li> <li>• Growth monitoring</li> <li>• Preschool education</li> <li>• Health check-up and immunization</li> <li>• Referral services</li> <li>• Nutrition and health education</li> <li>• Service to Adolescent Girls (SABLA)</li> <li>• Maintenance of records and registers</li> <li>• Community support etc</li> <li>• Problems faced</li> </ul> | <ul style="list-style-type: none"> <li>• Structured observation check list</li> <li>• Structured Information proforma (will be constructed)</li> </ul>               |
| Phase – II<br>Assessment of nutritional status   | All the child beneficiaries of the 800 centres will be assessed for (20,000 beneficiaries approx.)   | <ul style="list-style-type: none"> <li>• Interview schedule – socio-economic status</li> <li>• Height, weight, skin fold thickness, MUAC – anthropometric</li> </ul> |

|  |   |   |
|--|---|---|
|  | <ul style="list-style-type: none"> <li>• Socio-economic status</li> <li>• Anthropometric parameters</li> <li>• Biochemical parameters</li> <li>• Clinical parameters</li> <li>• Dietary parameters</li> </ul>   | <ul style="list-style-type: none"> <li>• Hb analysis (1/20<sup>th</sup> of the population sample will be assessed using Cynmethaemoglobin method) – Biochemical analysis</li> <li>• ICMR tool-clinical assessment</li> <li>• Dietary assessment</li> <li>✓ 24 hour recall method – to all the child beneficiaries</li> <li>✓ Assessment of mean nutrient intake for a subsample of 10% of child beneficiaries – 3 day food weighing survey</li> </ul> |
| Phase –III<br>Assessment of knowledge of the Anganwadi functionaries                                 | <p>The knowledge of all the Anganwadi functionaries (2000 functionaries approx.) of the 800 centres will be assessed in the areas of</p> <ul style="list-style-type: none"> <li>• Nutrition</li> <li>• Breast feeding and weaning food</li> <li>• Health</li> <li>• Immunization</li> <li>• Child rearing/parenting</li> <li>• Growth monitoring</li> <li>• Sabla/YCFPER</li> </ul>               | <p>Knowledge assessment tool will be framed</p>   |
| Phase-IV<br>Awareness of functioning of Integrated Child Development Services Scheme among community | <p>The awareness of the public (2000-4000 approx.) within the locale of the identified 800 centres will be assessed on</p> <ul style="list-style-type: none"> <li>• Anganwadi Centres services</li> <li>• Growth monitoring programme</li> <li>• Quality of Supplementary Nutrition Programme /NMP</li> <li>• Function of VLNC/ECCE day/VHIN</li> <li>• PSE /Early childhood care etc.</li> </ul> | <p>Awareness assessment tool will be developed</p>  |
| Phase-V<br>Impact of performance of Integrated Child Development Services Scheme                     | <p>Appropriate statistical tools will be analysed to assess the performance outcome of Integrated Child Development Services Scheme on health and nutritional status of children under six years.</p>   |   |

7. The budget required for conducting the above study is approximately Rs.1.00 crore as detailed below:-

| Sl. No. | Particulars   | Amount in Rupees  |
|---------|---|---|
| 1       | Field Personnel – salary details<br>a. Field Investigators (32 persons @ Rs.8,000 per month X 6 months)<br>b. Senior Investigators (16 persons @ Rs.12,000 per month X 6 months)<br>c. Project Fellows (3 persons @ Rs.16,000 per month X 18 months)<br>Total   | 15,36,000<br>11,52,000<br>8,64,000<br>35,52,000                 |
| 2       | Equipment*<br>a. Portable Body Composition Analyser (32 @ Rs.6,000 each)<br>b. Skin fold calipers (32 @ Rs.6,000 each)<br>c. Fibre Glass tape 32 (Rs.156.25 x 32)<br>d. Notebook (Computers) 20 @ Rs.20,000 each<br>e. Printer (network)<br>Total<br><br>*After the study project is completed the equipments will be the property of O/o Integrated Child Development Services Scheme. | 1,92,000<br>1,92,000<br>5,000<br>4,00,000<br>35,000<br>8,24,000 |
| 3       | Field Supervision<br>a. Road Travel to spot visits (fuel/hire charges)<br>b. Tentative camp office/meetings/field personnel/supervision<br>Total  | 3,00,000<br>2,50,000<br>5,50,000                                |
| 4       | Transportation (Field Personnel) – TA and DA<br>a. TA-Rs.180X170 days X 51 (Investigators and project fellows)<br>b. Rs.180/- day X 170 days (avg.) X 32 (Field Investigators)<br>c. Rs.250/- day X 100 days (avg.) X 10 (Senior Investigators)<br>Total  | 15,60,600<br>9,79,200<br>2,50,000<br>27,89,800                  |
| 5       | Analysis<br>a. Hb. estimation and lab hiring charges<br>b. Salt analysis kit (iodine)<br>Total  | 3,00,000<br>50,000<br>3,50,000                                  |
| 6       | Documentation Expenses (data analysis)  | 5,00,000  |
| 7       | Stationery  | 1,00,000  |
| 8       | Postage   | 5,000   |
| 9       | Honorarium to coordinating staff<br>Rs.2,000 X 18 months X 4 persons  | 1,44,000  |
| 10      | Contingency (photo, short film, phone and sim, data cards for internet access, memory cards for storage and other logistics)  | 2,76,100  |
| 11      | Overhead charges @ 10% on Total (10% of 90,90,900)  | 9,09,080  |
|         | Grand Total   | 99,99,990   |

8. Hence, the Principal Secretary/Commissioner, Integrated Child Development Services Scheme has requested the Government to accord sanction for Rs.1.00 crore for conducting study to assess the impact of Implementation of Integrated Child Development Services Scheme and malnutrition status in 32 Districts for the year 2013-2014 through the following Institutions after due approval by Executive Committee of State Child Development Society in the sharing pattern of 90:10 under revised financial norms of Monitoring and Evaluation component.

- a. Avinashilingam University, Coimbatore,
- b. PSG Institute for Management, Coimbatore 641 004
- c. Evaluation and Applied Research Department, Chennai

9. After careful examination, Government accord sanction for Rs.1.00 crore (Rupees One crore only) for conducting study to assess the impact of Implementation of Integrated Child Development Services Scheme and malnutrition status in 32 Districts for the year 2013-2014 through the Government Department of Evaluation and Applied Research in the sharing pattern of 90:10 under revised financial norms of Monitoring and Evaluation Component.

10. The amount sanctioned in para 9 shall be debited to the following head of account.

"2236 – Nutrition -02 – Distribution of Nutritious Food and Beverages 101.  
Special Nutrition Programme – Schemes in the Twelfth Five Year Plan VI  
– schemes shared between State and Centre, UE- Strengthening and  
Restructuring of Integrated Child Development Services Scheme 09 –  
Grants – in – aid, 03 – Grants for specific scheme"

DPC 2236-02-101.UE – 0937

11. The expenditure sanctioned at para 9 shall constitute an item of "New Service" for which the approval of the Legislature will be obtained in due course. Pending approval of the Legislature, the expenditure will be met initially by drawl of an advance from the Contingency Fund, for which orders will be issued by Finance (BG I) Department separately. The Principal Secretary/Commissioner, Integrated Child Development Services Scheme is requested to apply for drawl of advance from the Contingency Fund in the prescribed format for the required quantum along with the copy of this order. The Principal Secretary/Commissioner, Integrated Child Development Services Scheme is also requested to send necessary explanatory notes for including the expenditure in the Supplementary Estimates, 2014-2015 to Finance (BG I/SW) Department without fail.

12. The Principal Secretary/Commissioner, Integrated Child Development Services Scheme is authorized to draw and disburse the funds sanctioned in para 9 to the concerned.

13. The Principal Secretary/Commissioner, Integrated Child Development Services Scheme and Commissioner of Social Welfare will provide the terms and

references to the Director, Evaluation and Applied Research Department on the proposed study and mode of selection of the Agency.

14. This order issues with the concurrence of Finance (SW) Department vide its U.O.No.23763/DS(V)/Fin(SW)/2014, Dated.21.5.2014, Additional Sanction Ledger No.375 (Three hundred and seventy five).

(BY ORDER OF THE GOVERNOR)

P.M. BASHEER AHAMED  
Secretary to Government.

To  
The Principal Secretary / Commissioner,  
Integrated Child Development Services Scheme,  
Tharamani, Chennai-113.  
The Secretary to Government of India,  
Ministry of Women and Child Development, Shastri Bhawan, New Delhi -110 001  
The Director, Department of Evaluation and Applied Research,  
Kuralagam, Chennai 108.  
The District Programme Officers concerned (Through Principal  
Secretary/Commissioner, Integrated Child Development Services Scheme)  
The Accountant General, Chennai-18. (by name)  
The Accountant General (Audit - I / II), Chennai-18.  
The Resident Audit Officer, Secretariat, Chennai-9.  
The Pay and Accounts Officer (South), Chennai - 35.  
All Treasury Officers/ All Pay and Accounts Officers concerned

Copy to  
The Finance (SW/BG.I/BG.II) Department, Chennai-9.  
The Planning Development and Special Initiative Department, Chennai-9  
The Senior Personal Assistant to Hon'ble Minister for Social Welfare and Nutritious Meal  
Programme Department, Chennai-9  
The Resident Audit Officer, (Through Social Welfare and Nutritious Meal Programme  
(SW2) Department)  
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*R. Shudhakar*  
23/5/2014  
Section Officer  
*R. Shudhakar*  
23.5.14