

**MEDICAL RESEARCH INSTITUTE : TERMS OF REFERENCE (TOR)**

**Project/Program Title : National Survey on Iodine Deficiency Status in Sri Lanka 2016**

1. **BACKGROUND:** A School based descriptive cross sectional study will be carried out involving students aged 6-10 years(Grade 2-6).  
 The goiter prevalence and iodine levels in salt at household level will be analysed at subnational i.e provincial level and for this purpose the cluster size will be increased to 30.  
 Hence the total sample size for measuring goiter prevalence and iodine level in household salt will be  
 $30 \text{ (clusters per province)} \times 30 \text{ (cluster size)} \times 9 \text{ provinces} = 8100$

2. **PURPOSE OF ASSIGNMENT:**  
 Iodine deficiency is one of the world's most preventable cause of brain damage and mental retardation of early age of life (WHO 1994). Over one third of school aged children, worldwide (total of 285 million), are iodine deficient and approximately 40% of the burden occur in South East Asia region.  
 Iodine deficiency disorders had been identified as a major public health problem in Sri Lanka and universal Iodisation programme (USI) was launched in Sri Lanka in 1995 in collaboration with UNICEF which is known as the most cost effective and sustainable intervention for IDD's.

3. **DUTY STATION:** Medical Research Institute, Borella

4. **Principal Investigator :** Dr. Renuka Jayathissa


5. **DESCRIPTION OF ASSIGNMENT:**

Tasks	End product/ deliverable	Time-frame	Deadline
<ul style="list-style-type: none"> <li>Estimate the iodine content in salt samples by titration method</li> <li>Tabulate the data</li> <li>Assisting to prepare standard solutions</li> </ul>	<ul style="list-style-type: none"> <li>Results should be submitted daily</li> </ul>	15/07/2016-15/04/2017	

6. **QUALIFICATIONS OR SPECIALIZED KNOWLEDGE/EXPERIENCE REQUIRED FOR THE ASSIGNMENT:**  
 B.Sc graduates : Should have Chemistry as a subject. Team work is necessary, self driven and able to work for long hours with little supervisions.


7. **PREPARED BY:** A. B. G. Silva

20.06.2016

SECTION	Nutrition	NAME AND TITLE	SIGNATURE
DATE	dept.	A. B. G. Silva	
27/06/2016		Chemist	

8. **Budget :** 13,000/= Rs. Per month / for 9 months only

9. **APPROVED BY:**

SECTION CHIEF/OIC COORDINATOR		REPRESENTATIVE / SNR. PROGRAM	
DATE:	24/06/2016	DR. R.M.S. Sujaewa Rathnayake	Deputy Director

Special Note: This is not a permanent post. Allowance will be given only for the above mentioned period.

Medical Research Institute  
Colombo 08.