

## **Calls for Request for Proposal (RFP):**

### **Post Measles Campaign Coverage Survey (PMCCS)**

The purpose of this advert is to request a research proposal to validate the measles vaccination coverage that was completed in January 2023 in Ethiopia across all regions.

Ethiopia conducted a national integrated measles campaign aiming at 15 million children. 64,102 vaccination sites (fixed, temporarily fixed, and mobile) were positioned across the country to deliver the vaccine.

The World Health Organization, in partnership with the Ministry of Health, GAVI, and other Immunization partners plans to conduct a measles vaccination coverage survey in all regions and zones to measure the effectiveness of the campaign that was conducted from 22<sup>nd</sup> of December 2022 to 9<sup>th</sup> of January 2023 with the following objectives

**General Objective:** To estimate and classify the measles coverage in children aged 09 months to 59 months who were targeted for the measles vaccination during the national integrated measles campaign conducted in 2022/2023; in the eleven regions and two city administrations.

**Specific Objectives** To estimate and classify measles coverage figures at national, regional, and zonal levels (2) To estimate the proportion of children with measles zero-dose before and after the campaign at national, regional, and zone levels (3) To identify reasons for non-vaccination during the measles vaccination campaign. (4) To identify the main communication channels used to inform the population about the vaccination campaign.

**Method of Bidding:** Interested and eligible bidders can access the request for proposal through the United Nations Global Marketplace (UNGM) portal <https://www.ungm.org/>. The only means by which bidders can submit proposal is through this UNGM portal so all prospective bidders MUST register to submit their proposals.,

***WHO Ethiopia reserves the right to accept or reject any and all bids***

## **Background:**

The coverage survey will be conducted to achieve the following objectives:

**General Objective:** To estimate and classify the measles coverage in children aged 09 months to 59 months who were targeted for the measles vaccination during the national integrated measles campaign conducted in 2022/2023; in the regions and two city administrations.

**Specific Objectives** (1) To estimate and classify measles coverage figures at national, regional, and zonal levels (2) To estimate the proportion of children with measles zero-dose before and after the campaign at national, regional, and zone levels (3) To identify reasons for non-vaccination during the measles vaccination campaign. (4) To identify the main communication channels used to inform the population about the vaccination campaign.

**Survey modality:** The survey contract will be awarded to a survey implementer/research agency/firm by WHO through a competitive bidding process. The roles and duties of the agency/firm will be based on the terms of reference (TOR) developed for this purpose and major activities such as work on survey design, determining the sampling frame and sample size based on standard methods, developing data collection tools, conduct the fieldwork for data collection at respective regions, carry out analysis and interpretation of the collected data using accepted technology, and prepare policy briefing notes and presentation, write the and submit the survey report. The national task force/steering committee comprised of MoH, WHO, UNICEF, CDC, GAVI, etc will advise and provide inputs on survey implementation and finalization of the report

## **Study Design Overview**

**Methods:** The survey methods will follow the current WHO recommendations described in the 2018 Vaccination Coverage Cluster Surveys Reference Manual (WHO/IVB/18.09

**Study design:** A cross-sectional population-based multi stages probability proportional to size cluster sampling design method will be used to select the study population. The EAs will be used as a sampling frame to select clusters. The household sampling frames will be driven from the selected EAs (clusters). The firm awarded the contract is responsible to obtain the updated list and maps of EAs from the Central Statistics Agency (CSA) and to develop all necessary tools for the survey.

**Study Areas:** The coverage survey will be conducted in 11 regions and two city administrations that had implemented the measles vaccination campaign. The regions include Addis Ababa, Afar, Amhara, Benishangul-Gumuz and Dire-Dawa, Gambella, Harari, Oromia, Sidama, SNNP, Somali, Tigray, and Southwest Ethiopia regions.

The sampling is stratified by National, Regional, and Zone administrative Levels. All zones and special woreda in the study areas that conducted the measles campaign are

included in the survey. Two to three Zones and or special woredas from the same region or city administration can be combined or grouped to make a total of 60-70 strata. Each stratum can have 15-18 clusters depending on the population size. A total of 1,080 to 1,260 clusters or Enumeration Areas (EAs) are sampled to conduct the survey. Any zone administration with half or more woredas that did not conduct the campaign could be excluded from the survey.

**Sample size:** Achieving 95% coverage at all levels was the target of the campaign serving as the threshold to calculate the survey sample size. A minimum of 133 ESS (Effective Sample Size) with a design effect of 1.33 makes 11,025 to 12,600 mothers/caregivers (10 children plus 5% of nonresponse rate /cluster) will be enrolled in the survey.

**Cluster Sampling:** Two to three EAs per cluster are randomly selected using probability proportional to size from the list of EAs in each stratum. In a stratum that has 15 clusters, 30-45 EAs randomly selected are needed. The sampling frame for each stratum is the list of EAs in each cluster. The support of the CSA is key to obtaining the list and the maps of the updated EAs of the country.

**Household sampling:** Within each selected EA or cluster, ten households with mothers/caretakers of children aged 9-59 months will be randomly selected from all households that have a child of the target age group. If the selected EA is big, then a section can be considered to list all households that have children aged 9-59 months old for the HH sampling frame. To create this sampling frame, the survey team will need to visit all the households or a section in the EA and update the number of households in the EA. Then, the survey team will visit randomly selected 10 households and interview mothers/caretakers with children 9-59 months. Time will therefore be required to create this sampling frame for the selection of households within the EA. Creating this sampling frame may take 1-2 days before the start of household interviews.

**Household interviews and CAPI Questionnaire:** The sources of data and questionnaire for the post-measles vaccination campaign survey consist of the following sections:

- Household Information Panel: address, household, and target age group profiles
- Individual questionnaire- This questionnaire is to be administered to all mothers or caregivers who care for a child that lives with them and was between the age of 9 months - 59 months (<5 years) at the time of the SIA. This questionnaire is divided into the demographic Information and Immunization sections.

Standard questionnaires will be translated into local languages and be pretested before use. The WHO survey manual has a set of standard survey questionnaires that may need some adaptations. The variables recommended by WHO link to the Vaccination Coverage Quality Indicators (VCQI) tool to produce a standard set of indicators. The measles vaccination card will also be reviewed to confirm when the child received the vaccination. The details will be developed when the complete survey protocol is developed by the bidders.

**Questionnaire pilot-testing:** The questionnaire and interview method will need to be pilot-tested. The pilot testing should be done in non-study areas in Addis Ababa.

**Surveyors and supervisors:** The surveyors and supervisors deployed preferred to have a health background since they are engaged in asking for some clinical signs and symptoms in case of AEFI and reviewing vaccination records including vaccine batch numbers.

**Surveyor training:** Training of the surveyors needs to include: 1) How to create the household sampling frame, 2) an Overview of the questionnaire, 3) How to interview parents, and 4) how to abstract information from the health card.4). Overview of the SIA (time period and target and age group, documentation-Card)

**Data entry:** We desire to conduct electronic data collection during the survey. WHO can provide support for designing the questionnaire using ODK once the final questionnaire is complete. However, ideally, the survey agency can provide the devices for electronic data collection.

**Timeline:** The entire project is planned for two months with possibility of extension not exceeding three months. This period excludes the time required for obtaining necessary approvals from the ethical approval board and contractual agreement processes. Ten to twelve weeks months are allocated for completing field data collection, analysis, and draft report writing. Field activity (training, mapping, listing, and data collection) may need to happen simultaneously in all 11 regions and two city administrations.

### **Submission of Proposal /major content of the proposal**

- Cover letter: Signed one-page cover letter containing, the name, mailing, address, telephone number, and brief relevant information of the applicant organization.
- Detail Technical Proposal: In addition to detailed technical matters, the technical proposal shall provide a description of the consultant/organization including an outline of the consultant's recent experience in similar undertakings and a detailed plan for accomplishing the tasks described in the specific task section. Should include;
  - Organizational profile
  - Proposed approach/methodology
  - Curriculum Vitae of the key researchers to be involved
  - Example of at least one similar study/assessment
  - At least two recommendation letters from previous contractors

### **Detailed Financial Proposal: The financial proposal should list itemized details of costs associated with the survey. Major Deliverables**

- The awarded firm/consultant is expected to;
  - Prepare the full survey protocol based on the WHO recommendation and the string committee guidance

- Conduct the survey (Data collection, recruitment and training for data collectors, data analysis, and report writing)
- Submit full report including policy brief and ppt with electronic and hard copy

### **Desired qualification/eligibility to apply**

- Relevant experience in conducting nationwide assessments/research mainly household surveys
- Academically sound experts' composition available in the firm(Public Health Specialist, Statistician, A renewed professional license for consultancy in similar tasks, with a minimum of five year experience
- Good knowledge with demonstrated practical working experience or research,
- Evidence of similar work in the recent past four years will be a key requirement.
- Proven organizational capacity\_(Human resource, logistics, and other materials)
- Previous work with WHO, other international organizations and/or major institutions in the field of conducting nationwide assessments/research mainly household surveys including programme reviews -;