**overview**

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| Title | Data Processing Expert for Multiple Indicator Cluster Surveys (MICS) ---- All Experts Group Meeting *(4 Consultancies Available)* |
| Location of Assignment | Remote Based |
| Language(s) required | English |
| Travel | Yes; Dubai |
| Duration of Contract | 11 Days (Between 1 Dec 2015 and 29 Feb 2016) |

**Background & Rationale**

Statistically sound and internationally comparable data are essential for developing evidence-based policies and programs, as well as for monitoring countries’ progress toward national goals and global commitments. Since 1995, UNICEF has supported the implementation of the Multiple Indicator Cluster Surveys (MICS), assisting countries in generating high quality data on the situation of children and women. Over the last two decades, 282 MICS surveys have been conducted in 108 countries.

MICS enables countries to produce statistically sound and internationally comparable estimates of a range of indicators in the areas of health, education, child protection, water and sanitation and HIV and AIDS. For many countries, MICS surveys are among the most important sources of data used for situation analyses, policy decisions and programme interventions, and for influencing the public opinion on the situation of children and women.

UNICEF is currently supporting the fifth round of MICS surveys which is expected to be completed at the end of 2015 and preparing for the sixth round of the MICS surveys. MICS5 has been generating information for over 20 MDG indicators and, along with other nationally representative household surveys, has been critically important for final MDG reporting. The surveys conducted during the fifth round of the programme also contribute to the establishment of the baselines for the post-2015 agenda or 2030 Sustainable Development Goals.

MICS6 surveys are expected to collect information that is necessary to enable countries to measure the indicators required to monitor their progress towards reaching SDG targets. As the indicator lists that are required to measure the SDG targets are finalized, MICS survey tools (questionnaires, list of MICS indicators as well as the survey implementation methodology and reporting tools will need to be revised and updated in the coming months in order to reflect the changing data needs from MDGs to SDGs. A Field Test is already planned to be conducted in Belize during 21 November – 12 December where the some of the planned changes to the survey tools will be tested.

An expert meeting is planned where the UNICEF’s MICS team (staff from UNICEF Data and Analytics Section’s Data Collection Unit supporting the implementation of MICS programme) will gather with household survey experts, data processing experts and sampling experts to work on the update and improvement of the survey tools for the preparation of the sixth round of MICS.

**Purpose**

The purpose of these TORs is to identify up to 4 data processing experts who can support MICS6 preparation activities, in the following areas of work:

* Review and further analysis of the Belize field test results
* Advancement of CAPI programming and system
* Assess SDG indicators versus MICS contents
* Compare DHS and MICS contents/indicators
* Plan for the Global MICS6 pilot
* Devise MICS tabulator templates, functionalities, design
* Discuss archiving approaches
* Participate in the upcoming All Experts Meeting, scheduled to take place in Dubai, between 12 and 16 January 2016

Due to the highly technical nature of the work involved, it is essential that only experienced international experts who will be able to follow specific recommendations of the MICS programme are mobilized.

**Expected results: (measurable results)**

Reports summarizing the initial assessment of MICS CAPI system with recommendations and discussion points for improvements for MICS6, drafting documents describing the comparison between DHS and MICS survey tools and plans for MICS6 pilot, and suggestions and ideas for the planned MICS tabulator and MICS archiving approaches (by 31 December 2015)

Participate in the All Experts Meeting in Dubai (12-16 January 2016) and prepare the minutes, summary of discussions and recommendations related to MICS CAPI programs, DHS and MICS data processing tool comparison, MICS6 Pilot, Archiving Tools and MICS Tabulator (by 31 January 2016)

Updated MICS CAPI application and related materials (survey manuals and guideline documentation) (by 29 February 2016)

A final summary evaluation report on the suggested changes and improvements to the MICS data processing tools for use in MICS6 (by 29 February 2016)

**Duty Station**

Remote-based and travel to the MICS All Experts Meeting in Dubai, UAE during 12-16 January 2016.

**Timeframe**

**Start date:** 01 December 2015 **End date:** 29 February 2016

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| Deliverables | Duration  (Estimated # of Days) | Deadline |
| Reports summarizing the initial assessment of MICS CAPI system with recommendations and discussion points for improvements for MICS6, drafting documents describing the comparison between DHS and MICS survey tools and plans for MICS6 pilot, and suggestions and ideas for the planned MICS tabulator and MICS archiving approaches | 2 days for each consultant | 31 December 2015 |
| After participating to the All Experts Meeting in Dubai (12-16 January 2016), preparing the minutes, summary of discussions and recommendations related to MICS data processing tools, MICS Tabulator and Archiving Approaches | 5 days for each consultant | 31 January 2016 |
| Updated MICS CAPI application | 3 days for each consultant | 19 February 2016 |
| A final summary evaluation report on the suggested changes and improvements to the MICS CAPI application and related documentation for use in MICS6 | 1 day for each consultant | 29 February 2016 |
| total | 11 days for each consultant |  |

**Confidentiality of Data and MICS Documents**

The Data Processing Consultants must respect the confidentiality of the MICS data as well as any country specific MICS documents that will be produced throughout the MICS process. The consultant can use the documents and the datasets only for the tasks related to these terms of reference.

**Key competences, technical background, and experience required Deadline**

* At least a Master’s Degree or equivalent in Statistics, Programming, Mathematics, Social Sciences, Demography, or other related technical field with significant data processing component is required.
* Mid-level experience - at least 8 years of working experience in data processing for household surveys. Prior MICS/DHS data processing experience highly desirable
* Experience of working in developing countries
* Fluency in English and at least one of the following languages: Spanish, French, Arabic, Russian

**How to Apply**

Applicants are requested to send their submissions to [**pdconsultants@unicef.org**](mailto:pdconsultants@unicef.org)with subject line:

**“Data Processing Expert for Multiple Indicator Cluster Surveys (MICS)”** by **13 November, 2015, 5:00pm EST**.

Applications must include:

* Cover letter,
* CV, and
* P-11 form ([<http://www.unicef.org/about/employ/files/P11.doc>](http://www.unicef.org/about/employ/files/Personal_History_P11.doc))
* **Indicate where you heard about this advertisement**

Please indicate your ability, availability and daily/monthly rate (in US$) to undertake the terms of reference above. Applications submitted without a daily/monthly rate will not be considered.

**NOTE: Files should not exceed 5.0MB limit**

UNICEF is committed to achieving workforce diversity in terms of gender, nationality and culture. Individuals from minority groups, indigenous groups and persons with disabilities are equally encouraged to apply. All applications will be treated with the strictest confidence.