

TERMS OF REFERENCE FOR INDIVIDUAL CONSULTANTS AND CONTRACTORS

NATIONAL CONSULTANCY

Immunization Waste Management Rapid Assessment

1. Background:

Inadequate management of waste generated in health care facilities causes direct health impacts on the community, the personnel working in health care facilities, and on the environment. In addition, pollution due to inadequate treatment of waste can cause indirect health effects to the community. The introduction of almost 4,5 million syringes and 1.3million vials to vaccinate 60% of the Mongolian population (4,5 million doses of COVID 19 vaccines for 2,25 million people) waste will place a significant additional burden on already-stretched current waste management practices, safety and the environment.

Therefore, national consultant support is required until April 2022, to assist UNICEF to strengthen Ministry of Health/ National Center for Communicable Diseases (MOH/NCCD) capacity to safely and environmentally manage the increased quantities and volumes of infectious and non-infectious immunization waste resulting from the introduction and expanding use of Covid-19 vaccines.

2. Purpose of the Assignment:

The rapid assessment aims at reducing the disease burden caused by poor health care waste management (HCWM) through the promotion of best practices and the development of safety standards. The purpose of the assignment is to conduct Waste Management Rapid Assessment on the Immunization practices in Mongolia and present the findings to the MOH, NCCD and other relative partners. Capacity building of the health care workers at various levels is also an essential part of the assignment.

3. Scope of Work:

Under the direct supervision of the Senior Advisor (Immunization Team Leader), the consultant will work closely with the relevant officers of the COVID 19 Immunization team to:

- Conduct assessment of immunization waste-management system, including handling of the infectious waste contaminated by COVID 19 virus monitoring mechanisms in Mongolia.
- Desk review of national legislation, policies, regulatory and institutional framework on healthcare waste management (HCWM) system with a specific focus on immunisation program waste.
- Evaluate current HR capacity in MOH/NCCD to provide management and QC/QA oversight.

- Draw conclusions and recommendations for HR capacity building in notably weak HCWM practices and processes.
- Recommend safe and environmentally appropriate final disposal arrangements for immunization waste inclusive of an operational framework.
- Draft a plan for HR capacity building, within MOH/NCCD for management and QC/QA practices, and private sector handlers, transporters and disposers as may be appropriate.
- Implement ToT capacity building program for MoH/NCCD personnel at Central/Province/Districts.

4. **Programme Area and Specific Project Involved:**

2880/A0/05/100/105/006 – COVID 19 Immunization Programme

5. **Contract duration (start and end date):**

6 months (tentatively between 1/11/2021 – 30/04/2022)

6. **Type of engagement: (Full time/Part time)**

Deliverable based consultant: Consultants are responsible for their own time management. The time invested for each deliverable is at discretion of the consultant, in consultation with the supervisor. Consultants are not entitled to Paid Time Off.

7. **Deliverables, Timeframe and Payment Schedule:**

| Deliverables | Timeline | Payment Schedule |
|-------------------------|------------|------------------|
| Inception Report | 15/12/2021 | 30% |
| Mid-assessment Report | 28/02/2022 | 30% |
| Final Assessment Report | 15/04/2022 | Final – 40% |

8. **Project Management:**

Direct supervisor: Tsogtbaatar Byambaa

Frequency of performance review: Upon report submission

9. **Qualifications and requirements:**

- a. Minimum qualifications required:
An advanced university degree (Masters or higher) in Public health, Public Administration, Environmental Health, Supply Chain Management or related field
- b. Relevant working experience
 - At least 5 years of relevant experience in the area of public health, waste management and environmental health,

- Experience in the conceptualization, design, and assessment of waste management and environmental engineering
- c. Knowledge/expertise/ skills required
 - Excellent writing skills in English and research writing are an essential requirement for this post

Nature of 'Penalty Clause' to be Stipulated in Contract:

UNICEF reserves the right to withhold the consultancy fee in the case that the deliverables are not submitted on schedule or do not meet the required standard. Copyright and ownership of all documents produced will remain with UNICEF.

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