

## United Nations Children's Fund

Title	Funding Code	Type of engagement	Duty Station:
Vaccine Management Consultant	<b>WBS:</b> <b>4920/A0/07/001/003/014</b>  <b>Grant: SC220798</b>	<input checked="" type="checkbox"/> Consultant	Aden

**Purpose of Activity/Assignment:**

Strengthening cold chain systems at all immunization supply chain levels including health facilities in Southern Yemen.

**1. Background:**

UNICEF has been supporting MOPHP in building and sustaining an efficient cold chain and immunization supply chain systems as well as strengthening effective vaccine management.

As part of 10 million US\$ Gavi grant to Yemen, Cold chain and vaccine management (milestone of PEF/TCA) is an important and substantial part of Gavi support. The international consultancy to provide direct support to for EVMA is to address key milestones included into UNICEF Gavi TCA grant of 2022.

In 2013 before the conflict in Yemen, UNICEF supported Ministry of Public Health and Population in conducting effective vaccine management assessments which informed the development of an Effective Vaccine Management Improvement Plan (2014-2018). However, following the impact of the last conflict in 2015, UNICEF deployed support to reestablish a resilience immunization supply chain system. In addition, UNICEF supported the development of Cold Chain Equipment Optimization Platform (CCEOP) proposal which was submitted to Gavi in 2019 and approved by the Independent Review Committee (IRC). The CCEOP 1<sup>st</sup> year project is being implemented during the period 2021-2023 which aims at strengthening cold chain systems through expansion and rehabilitation including establishment of new cold chain especially at service delivery points.

The current Effective Vaccine Management Improvement Plan ended in 2018 and as per WHO recommendation a new effective vaccine management assessment (EVMA) would be carried out to determine the progress made in the implementation of the improvement plan and propose new corrective actions. Some of the critical gaps identified in the 2013 EVMA included i) temperature monitoring and the risk of exposing vaccines to extreme temperatures; ii) poor vaccine distribution system at all levels; iii) inadequate vaccine management practices; and iv) inadequate capacity of Cold Chain Key Persons (CCKPs) in vaccine and cold chain management. The EVM Improvement Plan has been supported technically and financially by UNICEF, with the large proportion of funding coming from Gavi, the Vaccine Alliance

The technical and managerial assistance to EPI-MOPHP South is essential to review the 2014-2018 comprehensive improvement plan and coordinate the planning and implementation of a

new assessment using the EVM 2.0 initiative. In addition, the technical assistance would support the effort to address some pending recommendations from the 2014-2018 EVMA cIP.

To achieve the above, UNICEF will continue providing technical support to the Expanded Programme in Immunization (EPI) in the MOPHP.

## **2. Objectives of the consultancy:**

The main purpose of this consultancy is to facilitate the planning and implementation of the effective vaccine management assessment (EVMA) and subsequently the development of EVM Improvement Plan for the period 2024-2028. In addition, the consultant will provide technical guidance and support to the roll-out of the use of WHO IGA and support capacity building on ISC pillar areas.

This consultant will also deliver on the following objectives:

### **Specific objectives:**

- a) Lead and coordinate with EVM Secretariat in facilitating effective vaccine management assessment (using EVM 2.0 tool) & improvement plan implementation.**

This will include stock-taking of the current progress in the implementation of EVM improvement plan (EVM IP 2014-2018), preparing a status report, facilitating planning and implementation of the effective vaccine management assessment (EVMA) and using the findings to inform development of new EVM improvement plan for the period 2024 -2028. The support will also include pilot initiatives for conducting temperature monitoring and temperature mapping studies in selected sub-depots and township vaccine stores. The consultant will work closely and coordinate with EPI-MOPHP and the UNICEF EPI team to support cold chain gap analysis, cold chain expansion plan and implementation of EVM IP including **capacity building** of cold chain key persons, vaccine and logistics managers and cold chain technicians.

- b) Provide technical guidance in ensuring that the cold chain management information system (CCMIS) become an integral part of immunization logistics management information system (eLMIS)**

The consultant will ensure that the ongoing efforts to strengthen immunization supply chain data use and establishment of immunization electronic management information system (eLMIS) integrate cold chain management information system (CCMIS) including WHO IGA

<p><b>C) Building Capacity and knowledge transfer on cold chain and vaccine management</b>          Conduct vaccine management training for cold chain key persons, review existing and develop new vaccine management job aids especially on temperature monitoring and preventive cold chain equipment maintenance.</p> <p><b>Type of Supervision/support required from UNICEF:</b> The consultant will be directly supervised by the Immunization Specialist with oversight management of the Immunization Manager and work closely with the Expanded Programme on Immunization (EPI) in the MOPHP Aden.</p>			
<p><b>Budget Year:</b> 2024</p>	<p><b>Requesting Section/Issuing Office:</b> Health/Aden</p>	<p><b>Reasons why consultancy cannot be done by staff:</b>          The EVM is designed to help countries to implement quality vaccination program based on in-depth understanding of the national EPI system based on a structured approach focused mostly on supply chain management, monitoring, and record-keeping. Its paramount that a person not within the country's health system comes to assess the country's immunization supply chain system hence the need of an international consultant to ensure timely achievement of the objectives.</p>	
<p><b>Included in Annual/Rolling Workplan:</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No, please justify:</p>			
<p><b>Consultant sourcing:</b>  <input type="checkbox"/> National <input checked="" type="checkbox"/> International <input type="checkbox"/> Both</p> <p><b>Consultant selection method:</b>  <input type="checkbox"/> Competitive Selection (Roster)  <input checked="" type="checkbox"/> Competitive Selection (Advertisement/Desk Review/Interview)</p>		<p><b>Request for:</b>  <input checked="" type="checkbox"/> New SSA  <input type="checkbox"/> Extension/ Amendment</p>	
<p><b>If Extension, Justification for extension:</b></p>			
<p><b>Supervisor:</b>   <b>Direct supervision: Bode Lawson, Immunization Specialist Aden</b></p>	<p><b>Start Date:</b>   <i>1<sup>st</sup> March 2024</i></p>	<p><b>End Date:</b>   <i>31<sup>st</sup> August 2024</i></p>	<p><b>Number of Days (working)</b>   <i>120 days</i></p>

<b>Work Assignment Overview</b>			
Tasks/Milestone:	Deliverables/Outputs:	Timeline	Estimate Budget
Conduct a review of the status of implementation of EVM Improvement Plan 2014-2018	Report submitted on update of implementation status of EVM IP	31st March	10%
Review the existing Cold chain training manual, EVM SOP, job aids and develop/ update as per the Standard practices in line with EVM IP	updated CCKP and EVM SOP, job aids and training methodology for cold chain key person	30th April	30%
Facilitate Planning and Implementation of Effective Vaccine Management Assessment (EVMA)	EVMA draft report with cIP submitted	31st May	10%
Facilitate the integration of CCEI and DHIS2	Report submitted on status on implementation	30th June	20%
Capacity building and training in implementation of temperature monitoring	Training report and recommendations	31 <sup>st</sup> July	20%
Document progress made in supply chain management (stock management) linkage with cold chain inventory and DHIS2 and IGA	Final consultancy report submitted together with clear linkage between stock data, cold chain inventory, DHIS2, IGA	31 <sup>st</sup> August	10%
<b>Estimated Consultancy fee</b>			
Travel International (if applicable)			
Travel Local (please include travel plan)			
DSA (if applicable)			
<b>Total estimated consultancy costs<sup>1</sup></b>			
<p><b>Minimum Qualifications required:</b></p> <p><input type="checkbox"/> Bachelors <input checked="" type="checkbox"/> Masters <input type="checkbox"/> PhD <input type="checkbox"/> Other</p> <p>Enter Disciplines</p> <ul style="list-style-type: none"> <li>- Master's degree is required in one of the following fields: Pharmacy, Public Health, Epidemiology, Supply Chain Management, Logistics and Procurement, Engineering, or other relevant disciplines.</li> </ul> <p>Language Requirements:</p> <p>Fluency in English &amp; Arabic are required; knowledge of another UN languages is an asset</p>	<p><b>Knowledge/Expertise/Skills required:</b></p> <ul style="list-style-type: none"> <li>- Advanced university degree in public health, supply chain management or relevant field to implement the tasks of this TOR</li> <li>- A minimum of 8 years of progressively responsible experience in assessment of Immunization Pharmacy, Public Health, Epidemiology, Supply Chain Management, Logistics and Procurement, Engineering, training facilitation and developing comprehensive improvement plan of effective vaccine management</li> <li>- Have good skill on database to analyse vaccine cold chain and logistics management</li> </ul>		

	<ul style="list-style-type: none"> <li>- Excellent management and coordination skills and an ability to communicate effectively with diverse partners at country levels</li> <li>- Ability to travel inside Yemen for training and field assessment</li> <li>- Fluency in English &amp; Arabic (verbal and written) is required.</li> <li>- Have good written and communication skill to develop standard technical report on effective vaccine management with improvement plan</li> <li>- Previous experience in implementing projects in emergency context is an asset.</li> <li>- Have an organizational and managerial capacity.</li> <li>- Know how to maintain good relations with all partners.</li> <li>- Be a team player.</li> <li>- Ability to work in a multicultural environment.</li> </ul>
<p><b>Administrative details:</b>          Visa assistance required: <input checked="" type="checkbox"/>          Transportation arranged by the office: <input checked="" type="checkbox"/></p>	<p><input checked="" type="checkbox"/> Home Based <input checked="" type="checkbox"/> Office Based:          If office based, seating arrangement identified: <input type="checkbox"/>          IT and Communication equipment required: <input type="checkbox"/>          Internet access required: <input type="checkbox"/></p> <ul style="list-style-type: none"> <li>• First three months are from home and remaining three months from the duty station.</li> </ul>
<p><b>Request Authorised by Section Head</b></p>	<p><b>Request Verified by HR:</b></p>
<p><i>Approval of Chief of Operations (if Operations):</i></p> <p>_____</p> <p><i>Representative</i></p> <p>_____</p>	<p><i>Approval of Deputy Representative (if Programme)</i></p> <p>_____</p>

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