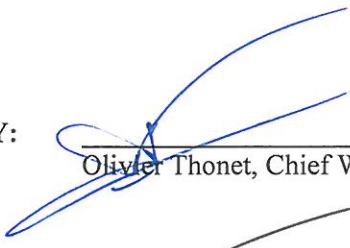


**UNITED NATIONS CHILDREN'S FUND**  
**ToR – SBP Request**

<p><b>DUTY STATION:</b> Beirut, Lebanon <b>Title:</b> WASH Specialist <b>Level:</b> P4/P5</p>	
<p><b>PURPOSE OF MISSION:</b></p> <p>UNICEF provides more than 66% of existing informal settlements (IS) with temporary drinking water services. Nonetheless the efficiency and cost effectiveness of this initiative has been questioned: trucking water to IS has been estimated to cost more than 7 million USD per year to UNICEF, and some surveys seem to show a lack of treatment of the water provided.</p> <p>Therefore, UNICEF has been requested by the Ministry of Energy and Water to find alternative technical solutions to optimize water trucking and more globally to propose a strategy on UNICEF response in providing safe water services in Informal Settlement in close collaboration with the Ministry of Energy and Water.</p> <p>UNICEF and UNHCR are providing the Ministry of Energy and Water with hydrogeological surveys that will help on the decision making. These surveys inform on the production capacity of the aquifers, and therefore on the possibilities to identify closer source of safe water to provide the Syrian Refugees without depleting the resources for the Lebanese population. These hydrogeological surveys would be the basis to develop the strategy.</p> <p>It is expected that UNICEF investment in informal settlements will shift and follow the proposed strategy. Funding for the informal settlement programme for 2017 is not secured yet, but it can be expect to be a similar amount as in 2016. One of the purposes of this study is to find cost effectiveness in our approach.</p>	<p><b>REPORTS TO:</b></p> <p>Chief of WASH, Beirut</p> <p><b>DELIVERABLES:</b></p> <p>The purpose of the mission is to produce strategy document for UNICEF for the provision of water services in informal settlements in Zahle and Bekaa governorate.</p> <p>The document should include:</p> <ul style="list-style-type: none"> <li>• A range of appropriate solutions for the management of drinking water for the prioritised areas.</li> <li>• Recommendation of the most effective and ad hoc solutions to serve populations living in IS without depriving Lebanese populations from safe water</li> <li>• A comprehensive approach including the financial, institutional, environmental, technical and social aspects.</li> <li>• The overall result is a technical guidance on how to do what per kind of informal settlements.</li> </ul>
<p><b>MAIN DUTIES/RESPONSIBILITIES:</b></p> <p>The survey will be piloted in the cazas of Akkar, North Governorate and Zahle, Bekaa Governorate.</p> <ol style="list-style-type: none"> <li>1. Based on the mapping of informal settlements and hydrogeological surveys, identify the areas where groundwater and existing water infrastructures can be used to maximize the cost effectiveness of water trucking.</li> <li>2. Identify a range of temporary solutions for provision of safe water, including digging of new wells in the most appropriate area in the case where existing resources and infrastructures can't serve the Syrian Refugees without depriving Lebanese populations from safe water.</li> <li>3. Finalize a comprehensive strategic document on the provision of water services in informal settlements in Lebanon for the entire water provision chain including onsite storage, recommending the most effective and ad hoc solutions (probably different kinds of solutions for different kinds of informal settlements (per the hydrogeological situation, the existing water infrastructures etc.)</li> </ol>	<p><b>QUALIFICATIONS AND COMPETENCIES:</b></p> <p><b>Education and work experience</b></p> <ul style="list-style-type: none"> <li>• Master degree in water/wastewater or civil engineering</li> <li>• At least 10 years technical experience in the area of wastewater management, including in the private sector. Knowledge and experience in decentralized small scale sanitation</li> <li>• Knowledge on sanitation related technical guidelines, standards, and indicators.</li> <li>• Basic/Advance security training online</li> </ul> <p><b>Key competencies:</b></p> <ul style="list-style-type: none"> <li>• Good communication and interpersonal skills</li> <li>• Good written and oral presentation skills; ability to communicate verbally and in writing,</li> <li>• Good team worker.</li> <li>• Willingness and ability to work in hardship environments</li> <li>• Cultural and Gender sensitivity</li> <li>• Technical Competencies</li> <li>• Software Skills             <ol style="list-style-type: none"> <li>a. Data capture and analysis</li> <li>b. MS Excel, Word, Power Point (Essential)</li> <li>c. Ability to master a GIS software is an asset</li> </ol> </li> <li>• Report generation</li> </ul> <p><b>Languages:</b></p> <p>Fluency in English language required. Knowledge of French and/or Arabic an asset</p> <p><b>Duration:</b> 3 months with possibilities to extend</p>

PREPARED BY:

  
Olivier Thonet, Chief WASH

Date:

16/05/2017

APPROVED BY:

  
Tanya Chapuisat, Representative

Date:

16/5/17.

L. CALETTAN

SLC