

TERMS OF REFERENCE

Section B

Work Assignment Expected Results			
Tasks/Milestone:	Deliverables/Outputs:	Timeline	Estimate Budget
<p>1. Establish a Lebanon specific project plan and schedule for the full cold chain assessment and rehabilitation planning exercise across the country;</p> <ul style="list-style-type: none"> - Outline the approach to the assessment and advise on an appropriate data collection tool; - Support to identify and engage key stakeholders and mobilize the project team; <p>2. Provide technical assistance to tailor the selected cold chain inventory assessment tool to the Lebanon context with clear parameters/data points for data collection;</p> <p>3. Oversee the data collection exercise and work with the project team to resolve any issues that may arise during the process;</p> <ul style="list-style-type: none"> - Establish a cold chain inventory database and analyze the key findings on status of the cold chain equipment in Lebanon; <p>4. Develop a cold chain replacement and rehabilitation plan and provide technical advice including specifications for recommended cold chain equipment; and mapping of key stakeholders</p>	<p>1. A work-plan outlining the specific activities to be conducted with objectives and timelines; including key stakeholders to be involved at each activity</p> <ul style="list-style-type: none"> - Monthly / bi-weekly update report outlining country specific timelines, status of implementation, anticipated challenges, risks, and proposed way forward; <p>2- Tailored cold chain inventory tool for Lebanon’s context</p> <p>3. Cold chain inventory database and a summary of key messages on the cold chain status;</p> <p>4. Cold chain replacement and rehabilitation plan, including recommended cold chain equipment;</p> <ul style="list-style-type: none"> - Country specific end-to-end cold chain optimization detailed process map involving international 	<p>To be agreed with the consultant before the start of the contract.</p>	<p>Breakdown of the budget to be agreed with the consultant before the start of the contract.</p>

TERMS OF REFERENCE

<p>5. Development of training toolbox</p> <p>6. Oversee and evaluate the technical procedures followed by the supplier or subcontractor during installation and report on the process and quality of the installation of the cold chain equipment. - Provide quality technical assistance in deviation management and health facility readiness.</p> <p>7. Evaluate the quality of the training for MoPH and UNRWA technicians on preventive maintenance, installation, trouble shooting and repair of the new CCE. - Evaluate the quality of the training with the designated MoPH and UNRWA health worker on correct use and preventive maintenance of the new CCE.</p> <p>8. Plan and Evaluate and participate on random quality survey at the end of the installation as defined by the</p>	<p>shipment, custom clearance, inland transportation, installation and commissioning with roles, responsibilities, resources and timelines; - Mapping of key stakeholders involved in cold chain optimization implementation and their roles and responsibilities;</p> <p>5- Cold chain maintenance guidelines, training material and job aids;</p> <p>6. Supplier specific report outlining quality of local service provider, quality of installation and training and equipment failure where it happens;</p> <p>7. Assessment report of MoPH and UNRWA trainings</p> <p>8. Monitoring and evaluation of quality installment and maintenance services</p>		
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<p>SD/HTC/CC unit team. - Monitor implementation of preventive maintenance plan as per Lebanon application.</p> <p>9. Support the MoPH to update and maintain the government’s CCEI (cold chain equipment inventory) on an on-going basis and as referenced deliverable for the CCEOP process.</p> <p>10. Document country good practices throughout the process including related to challenges, lessons learned and critical success factors.</p> <p>11. Conduct the training for MoPH and UNRWA staff at central and peripheral levels on cold chain equipment maintenance, ensuring training assessment (e.g. pre and post test).</p>	<p>9. Outline of a sustainable cold chain inventory management and maintenance mechanism for Lebanon;</p> <p>10. Brief report on Lebanon good practices throughout the process including challenges, lessons learned and critical success factors.</p> <p>11. Training report that includes: summary of topics covered, attendance sheet, assessment of the training (knowledge and skills obtained by participants).</p>		
<p>12. Ensure that the cold chain inventory includes needed readiness assessment criteria for COVAX vaccine introduction and storage</p>	<p>12. Coordination with WHO, World Bank, MoPH and GAVI CO VAX facility for needed criteria</p>		
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