TOR Cold room Installation in Sulaymaniyah

Section	Content
1. Background	The Essential Programme of Immunization (EPI) is a vital public health initiative that protects children and mothers from life-threatening infectious diseases. Halabja has recently approved by Iraqi government to be established as a new governorate. This governorate has a population of approximately 300,000 individuals including 50,000 children under five and over 10,000 pregnant and lactating women, requires robust cold chain infrastructure to ensure safe vaccine storage. This project supports the national Continuous Improvement Plan (CIP) and aims to build a resilient health system capable of responding to emergencies and outbreaks.
2. Objectives, Purpose & Expected results	The main objective for this project is to: 1. Improve the storage capacity of the Sulaimaniyah DOH/PHD for all types of vaccines. 2. To prepare the entire country for the growing population and increasing demand for immunization. 3. Ensure safe storage of large quantities of vaccines. 4. Ensure and improve overall immunization coverage. 5. Improve capacity to respond to emergency vaccination campaigns. (National, sub-national and local campaigns)'
3. Description of the assignment	The work includes preparation a site to install 2 walks in cold rooms inside direct of preventive health this includes civil work electrical work mechanical work and other requirements for installation of two walk in cold rooms as highlighted below, but not limited to followings: 1. Civil Work 2. Mechanical work 3. Electrical work: 4. Cold room installation
3 Deliverables	**Supply and Installation of aluminum door and sandwich panel** Removal Existed wall (1*2.10) m for external door, throwing them away to outside of city .and preparing the wall sides. With cement mortar plastering. supply material and installation an aluminum door with double glass (1* 2.1) m (best quality), final color should be approved by site engineer. Fire resist (fire rated) sandwich panel slab: supply materials and install Fire rated sandwich panel 5cm thick over iron frame using HSS steel tube (2 inch*4 inch) (truss) type according to drawing including anti-rust &oil paint for frame and covering end of panels with galvanized plate (flashing). Complete according to site engineer direction Note: Over cold room & office Room.

Installation of Split Unit

preparing, installing & testing split Unit AC wall mounted type (cool head) working in temp. Degree(46c), 2-ton (24000BTU) capacity gas type (407) (T3T1), (Samsung, LG, General, AUX) type, with all accessories.

Electrical

1) supply and installation (16mm*4) cable
2) prepare and install LED (24watt) best type by using 2(1*1.5) mm Jordon or Turkish with all requirement equipment.
3) prepare all requirement for installing (13A) joker type (best type) by using 3 (1*2.5) mm Jordon or Turkish with all requirement equipment.
4) prepare and install (45A) switch by using cable (2*4) mm+(1*2.5) mm Jordan or Turkish with all requirement equipment.
5) prepare and install (12) inch, exhaust fan by using 3 (1*2.5) mm best type with all requirement equipment
6) Design, supply and installation of conventical fire alarm system to cover all the warehouse area, including but not limited to fire alarm panel, smoke detectors, heat detectors, sounder and manual call point.
7) Supply and installation of Main distribution board with all requirement circuit brakers in accordance with the required load

Cold room installation

1. Levelling the installation area
2. Electrical cable connection and circuit breaker
3. Installation of external room components
4. Installation of two cooling units
5. Installation of shelves
6. Installation of interior lighting
7. Connecting drain system from cooling unit
8. Miscellaneous (if any)

5 Reporting requirements

a) The contractor should report to the UNICEF supervisor officer for any miscommunications either with beneficiaries or the government representative staff.

b) The contractor must report on the official date of the site handover in coordination with UNICEF and supervision committee.

6 Location and Duration

6.1 Location: Below table shows the location of the Solar system, number of beneficiaries.

#	Project description	Location	GPS	# of beneficiaries

1	Cold Room installation Project in Halabja	Halabja city center	35.19478390962002, 45.97857396253556	300,000

Duration:

6.2 The contractor must commence the contract works within a maximum period of five (5) days from the date of site handover from UNICEF and the DoH upon signing of contract. Strong justifications must be submitted should the contractor fail to start within this limited period.

6.3 The duration of the implementation is (2) calendar days from the date of site handover to the contractor.

6.4 After 100% completion of work, a warranty (maintenance) period of 1 months will be applied, from the date of certification of substantial completion by UNICEF and the Supervision Committee (DOH Sulaimaniyah) of the relevant beneficiary authority.

6.5 Notification of extension or changes of the contract expiry date will be decided only by UNICEF.

6.6 The contract will be considered complete when a Final Handover Certificate from the beneficiary authority is delivered to UNICEF stating that the works have been completed and maintained to their satisfaction.

6.7 The Contractor shall appoint a Project Manager who together with his engineer(s) should work closely with the Supervision Committee members nominated by DOH Sulaimaniyah and UNICEF.

7	Administrative issues	It is crucial that tenderer shall visit the site before submitting the RFP and tender and be acquainted with the type of required works. Tenderer most submit certificate of site visit enclosed to his bidding document issued by the authorities. Pre-bid meeting shall be commenced with engagement of supply officer, Health & Nutrition Officer, and bidders to ensure that all bidders are fully understanding the scope of work and will have clear picture on UNICEF technical requirements. 7.1 Whenever possible, the bidder should be requested to provide an all-inclusive cost in the financial proposal. Bidder should be reminded to factor in all cost implications for the required service / assignment. 7.2 The bidder must submit the technical documents separately and the financial proposal separately. 7.3 The Contractor shall also present the array layout for approval by the client/consultant; the Contractor is responsible to obtain any necessary approval from concerned authorities before installation. Accessibility to perform array cleaning, troubleshooting and maintenance is required by allowing access to the back of the array. 7.4 The latest issue of the "UNICEF's GTCs and Contractual Provisions for Construction" shall be applicable to this contract especially clauses concerning Settlement of Disputes, Arbitration, etc. 7.5 For the site visit please coordinate with the relevant DOH, and if not reached contact Dr Falah Wadi, UNICEF Health & Nutrition Officer, phone: 07504991362.

8	Payment Schedule	• UNICEF shall make payment, after 100% completion of the planned activities, in IQD through electronic bank transfer. • The Contractor shall provide UNICEF with details of bank account in Iraq. • After 100% completion of the work, 90 % of the contract amount will be paid to the contractor. And other 10 % will be paid after getting satisfactory final handing over note from relevant General Directorate of Health in Halabja. • Payments will be done within 30 days of receipt of the contractor's invoices completed documentations and should be certified by UNICEF. • Measurement of works shall be based on only fully achieved and completed activities or works in line items description. • Partially completed works under line items will not be included in final measurement.
10	Any other information	10.1 Contractors from the same geographic area are encouraged to apply for this Bid. 10.2 The Contractor is obliged to use workers from the same geographic area but in case if the skilled labours are not available then he/she has the right to hire from different area.
11	Project management	12.1 The projects will be managed by UNICEF Health and Nutrition section in Erbil. All matters pertaining to the contract should be referred to both Supply Section in Baghdad (Firas Sabah Abbas Tel:0783 335 2566) and Health section in Erbil, Dr Falah Wadi, UNICEF Health & Nutrition specialist, phone: 07504991362
	Bid Evaluation process and methods	Proposals shall be evaluated based on pass/ fail criteria: a. Submission of valid company registration and legal authorization documents. b. Demonstrated technical experience in implementing mechanical and/or electrical installation projects. Minimum one successfully completed project of similar nature or complexity. c. Submission of a realistic and detailed implementation timeline that does not exceed 2 Calander months. d. Submission of references or documentation confirming satisfactory completion of at least one previous contract(s) of similar nature. e. Local presence and support capability to provide ongoing support and maintenance (Bidder to confirm in writing their capability to provide support). f. Submission of CVs for the requested key staff highlighted under **Qualification requirements** 1. Qualified project supervisor with at least five years of professional experience 2. Qualified Civil and Mechanical Engineer

Prepared by

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Health and Nutrition Officer

29 Sep 2025

Approved by

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OiC Chief of Health & Nutrition Section

29 Spet 2025

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