

## **ANNEX B**

### **Statement of Work**

#### **For**

#### **Support the Cold Chain management for Vaccines through installation of generators.**

<b>Title</b>	Supply, deliver, installation and commissioning of 1000 KVA Generator
<b>Purpose</b>	To boost the cold chain capacity during fluctuation in electricity, supporting vaccine stock management and an intact cold chain
<b>Location</b>	Targeted governorate of Salfeet in the West Bank
<b>Duration</b>	2 months
<b>Start Date</b>	June 2024

#### **1- Brief introduction of the project**

UNICEF in State of Palestine aims to address critical shortages in vaccine management tools accentuated by the Covid 19 pandemic and integrate investments in Covid-19 response into routine immunization and the Primary Health Care (PHC) system. The project further supports the Ministry of Health (MoH) in promoting and maintaining vaccine uptake. It focuses on boosting the cold chain capacity during fluctuation in electricity, supporting vaccine waste management, and supporting the Health Management Information System at PHC facilities at central, district and facility levels through the enhancement of ICT equipment.

#### **2- Purpose of the Project and Background**

The COVID-19 pandemic has highlighted severe shortages in required vaccine management tools, medical supplies, and promotion for vaccine uptake. UNICEF continues to play a leading role in supporting MoH in scaling up the vaccine stock management tool (SMT) at both primary and secondary health care facilities. In addition, UNICEF supports the delivery of vaccine devices and cold chain equipment, Personal Protective Equipment (PPEs) and Infection Prevention Control items. Nevertheless, the health sector has suffered from problems caused by the deficiency of the existing medical equipment and supplies required to cover the increasing demand. Additionally, the limited capacity of the existing vaccine management tools and the need to upgrade and enhance the maintenance devices and ICT equipment present an urgent factor to address the current needs. UNICEF in the State of Palestine will leverage the momentum for integration of COVID-19 activities created through COVID-19 investments into the PHC providing support to the Ministry of health in promoting and maintaining vaccine uptake through availing the required equipment including the cold chain equipment to boost the cold chain capacity, support vaccine management and maintenance, and supporting monitoring and evaluation tools through enhancement of ICT equipment to support the HMIS at PHC facilities at central, district and facility levels.

Salfeet was selected to receive an electrical generator to maintain the functionality of cold chain equipment during high fluctuation in electricity as the hospital is exposed to power outages. This will help increase the vaccination program uptake at the facility by addressing critical equipment shortages in the existing cold chain capacity. Moreover, limited power source presents a continuous and major threat to the proper vaccine handling and storage. Thus, the generator is essential to maintain the sustainability of the power supply and functionality of equipment and devices during fluctuation in electricity as health facilities are frequently exposed to power deficiency due to high consumption loads, especially in winter season.

### 3- Project scope, timeframe, and deliverables

For Salfit hospital a 1000 KVA generator is needed to cover the need of the facility. Since the start of escalation in October of 2023, restrictions on movement of health workers and beneficiaries to their respective facilities has been highly hindered. Therefore, Salfit Hospital started receiving patients from communities around cities with higher levels of restriction who would usually obtain required services from the large referral hospitals found in Nablus and Ramallah. With plans to expand Salfit hospital in place and the increase in number of patients, turned the plan for new generator into a necessity, that UNICEF hopes to support within the current state of emergency.

The works to be undertaken at Salfit Hospital will be focused on the electrical work components yet it will involve some minor civil works.

For an elaborate description of the works, kindly refer to the table below:

#	Description of works	Remarks	Maximum completion timeframe	Percentage of total works
1.	Preparation of Generator site works to include: -removal of existing generator room (made of block and steel sheet roofing). -removal of existing concrete platform. - construction of new platform to accommodate new generator.	* Works will include the removal of rubble to approved designated area. * Platform area should take into consideration working space around the new generator as well as area for the diesel tank (2000l). * Need to coordinate with Hospital for removal of existing generator.	2 weeks	10%
2.	Connection cables between generator and hospitals electric room: - trenches required underground for the new cables.	*3x185mm <sup>2</sup> +70mm <sup>2</sup> +70mm <sup>2</sup> * Ensuring that there is no clashing between the proposed cables and the existing water and sewage networks.	2 weeks	10%

		*Damages to the area of works must be fixed upon installation of cable and inspection.		
<b>3.</b>	Installation for electric room: - New ATS - New MCCB - Motorized changeover		1 week	20%
<b>4.</b>	Procurement and Installation of 1,000 KVA generator for Salfeet	*Works to include installation of 2000L Diesel tank.	1 week	60%

#### **4- Payment Schedule**

#	Deliverable	Payment %	Value of payment in ILS
1.	Site preparation and installation of electric room for Salfeet	30% of contract	
3.	Deliver and install generator for Salfeet	70% of contract	