



2021

وزارة الصحة الفلسطينية
Ministry of Health



Project Proposal

Rehabilitating and equipping pediatric intensive care
unit at Nasser Medical Complex – Gaza Strip



Project number	2021/113				Date:	13/09/2021	
Project name	Rehabilitating and equipping pediatric intensive care unit at Nasser Medical Complex – Gaza Strip				Applicant for the project	General Directorate of Hospitals	
Project duration in months	6 months			Type of project		Within the plan	
						Urgent	
Project field	Construction		Rehabilitation		Machines & Equipment		Therapeutic Services
	Consumables		Training and Scholarship		Operational Expenses		Others (.....)
Implementing body	Ministry of Health				Project Partners		
Beneficiaries	Children who need critical care (579 cases in 2019)				Place of implementation		Nasser Medical Complex
Estimated budget (USD)	\$262,900 (Two hundred sixty-two thousand nine hundred dollars)						
Summary of the project (Overview of the project idea and requirements to solve current problem)	<p>The idea of the project is to rehabilitate and equip an intensive care unit (ICU) for pediatrics at Nasser Medical Complex. Nasser Medical Complex serves 160,000 children in Khan Younis. It contains 3 pediatric medical departments, one neonatal ICU, a pediatric clinic, and a pediatric emergency department. So, it provides a variety of services for children but lacks an intensive care unit. There are only 3 intensive care departments in the Gaza Strip, of which the only one serves the southern governorates is located in the European Gaza Hospital, with a capacity of only 4 beds. Children admitted at Nasser Medical Complex who need intensive care are transferred to other hospitals. Where 15 cases are transferred to the European Gaza Hospital, and 6 cases are transferred to Al-Nasr and Al-Dora Hospitals monthly. Moreover, the total number of inpatient children at different pediatric ICUs was 579 with a total capacity of 17 beds in 2019. Therefore, rehabilitating and equipping pediatric ICU in Nasser Medical Complex will help in accommodating a large number of cases compared to the small number of beds and improving the quality of services provided to children.</p>						
Project justifications	<ul style="list-style-type: none"> • Lack of pediatric ICU department at Nasser Medical Complex which leads to referring cases to other hospitals. • The need for the integration of children's services at Nasser Medical Complex. 						

<p>Project objectives</p>	<p>Overall goal:</p> <ul style="list-style-type: none"> Enhancing and integrating children's services at Nasser Medical Complex – Gaza Strip by establishing a new pediatric ICU. <p>Specific objectives:</p> <ol style="list-style-type: none"> To establish pediatric ICU at Nasser Medical Complex. To increase the number of beds allocated to pediatric ICU services. To reduce the need to transfer pediatric ICU cases for treatment to the other hospitals. 																																																																
<p>Current indicators</p>	<ul style="list-style-type: none"> There are 3 pediatric ICUs in Gaza Strip with only one serves southern governorates. The total number of pediatric ICU beds in Gaza Strip is 17 beds. Monthly 15 cases are transferred to the European Gaza Hospital, and 6 cases are transferred to Al-Nasr and Al-Dora Hospitals. 																																																																
<p>Expected indicators after implementing the project</p>	<ul style="list-style-type: none"> Establishment of a pediatric intensive care unit at Nasser Medical Complex. There are 5 additional pediatric intensive care beds. There is no need to transfer cases to the other hospitals. 																																																																
<p>Schedule of the main project implementation phases</p>	<table border="1"> <thead> <tr> <th rowspan="2">Stage</th> <th colspan="12">Duration (months)</th> </tr> <tr> <th>1</th><th>2</th><th>3</th><th>4</th><th>5</th><th>6</th><th>7</th><th>8</th><th>9</th><th>10</th><th>11</th><th>12</th> </tr> </thead> <tbody> <tr> <td>Preparation</td> <td style="background-color: #d9ead3;"></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Implementation</td> <td></td><td style="background-color: #d9ead3;"></td><td style="background-color: #d9ead3;"></td><td style="background-color: #d9ead3;"></td><td style="background-color: #d9ead3;"></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Evaluation and closure</td> <td></td><td></td><td></td><td></td><td style="background-color: #d9ead3;"></td><td style="background-color: #d9ead3;"></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </tbody> </table>	Stage	Duration (months)												1	2	3	4	5	6	7	8	9	10	11	12	Preparation													Implementation													Evaluation and closure												
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<p>Sustainability of the project</p>	<ul style="list-style-type: none"> Carry out periodic maintenance of the department to maintain the continuity of service provision in an appropriate manner. 																																																																
<p>Project monitoring & evaluation</p>	<ul style="list-style-type: none"> Reports of price offer and bidding according to the specifications of the required devices and equipment. Reports of receive and handover of devices and equipment and their conformity with the required specifications. Follow up the periodic and final reports of the project. Report on the impact of project implementation on relevant indicators before implementation. 																																																																
<p>Annexes</p>	<ul style="list-style-type: none"> List of required items of infrastructure. List of required devices & equipment. Technical specifications will be provided later. 																																																																

Preparation & supervision	Project designer: Mr. Mahmoud Elkhateeb		Director of projects preparation department: Dr. Hamza Abdeljawad	
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Infrastructure				
#	Item	Qty.	Unit price (\$)	Total price (\$)
1.	PVC	-	1,000	1,000
2.	Painting	3	300	900
3.	Curtains	5	200	1,000
4.	Celling light	20	50	1,000
5.	Plumbing and electrical works	-	5,000	5,000
6.	Oxygen and air supply network	-	5,000	5,000
Estimated cost (\$)				13,900

List of required devices & equipment				
#	Item	Qty.	Unit price (\$)	Total price (\$)
1.	ICU monitor	5	3,500	17,500
2.	Central station	1	5,000	5,000
3.	Mechanical ventilator	5	20,000	100,000
4.	Syringe pump	5	1,300	6,500
5.	Infusion pump	5	1,500	7,500
6.	Pediatric ICU bed	5	7,500	37,500
7.	Ultrasound	1	20,000	20,000
8.	UPS 40 KVA	1	10,000	10,000
9.	Portable x-ray	1	50,000	50,000
Estimated cost (\$)				249,000