

RESTORING CRITICAL HEALTH INFRASTRUCTURE IN POST-CONFLICT DIR UPPER

A Case Study on the Reconstruction of the Basic Health Unit (BHU) in Miana Doag

Implemented by WADDAN | Funded by RAHA / UNHCR / KFW

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THE FIVE-HOUR GAP BETWEEN SURVIVAL AND TRAGEDY

Following the military operation in Malakand, the Union Council Dogdara was left with zero functional health facilities. No other humanitarian organizations were active in the sector.

For emergency cases and individuals with limited mobility—particularly pregnant women—this distance made the population severely vulnerable to preventable death.



A LANDSCAPE SCARRED BY MILITANT OCCUPATION



The Void

Healthcare: BHU Dog Dara abolished.

Civic Services: Schools and water supply schemes destroyed.

Infrastructure: Link roads and private properties demolished.



Displacement & Health

Mass migration to Qulandi, Sheringal, and Sawni.

High morbidity ratio and widespread waterborne diseases affecting thousands.



Awareness Gap

Illiteracy and lack of safety measures exacerbated the crisis.

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WADDAN, RAHA, UNHCR, AND KFW: A BLUEPRINT FOR RECOVERY

WADDAN RAHA UNHCR KFW

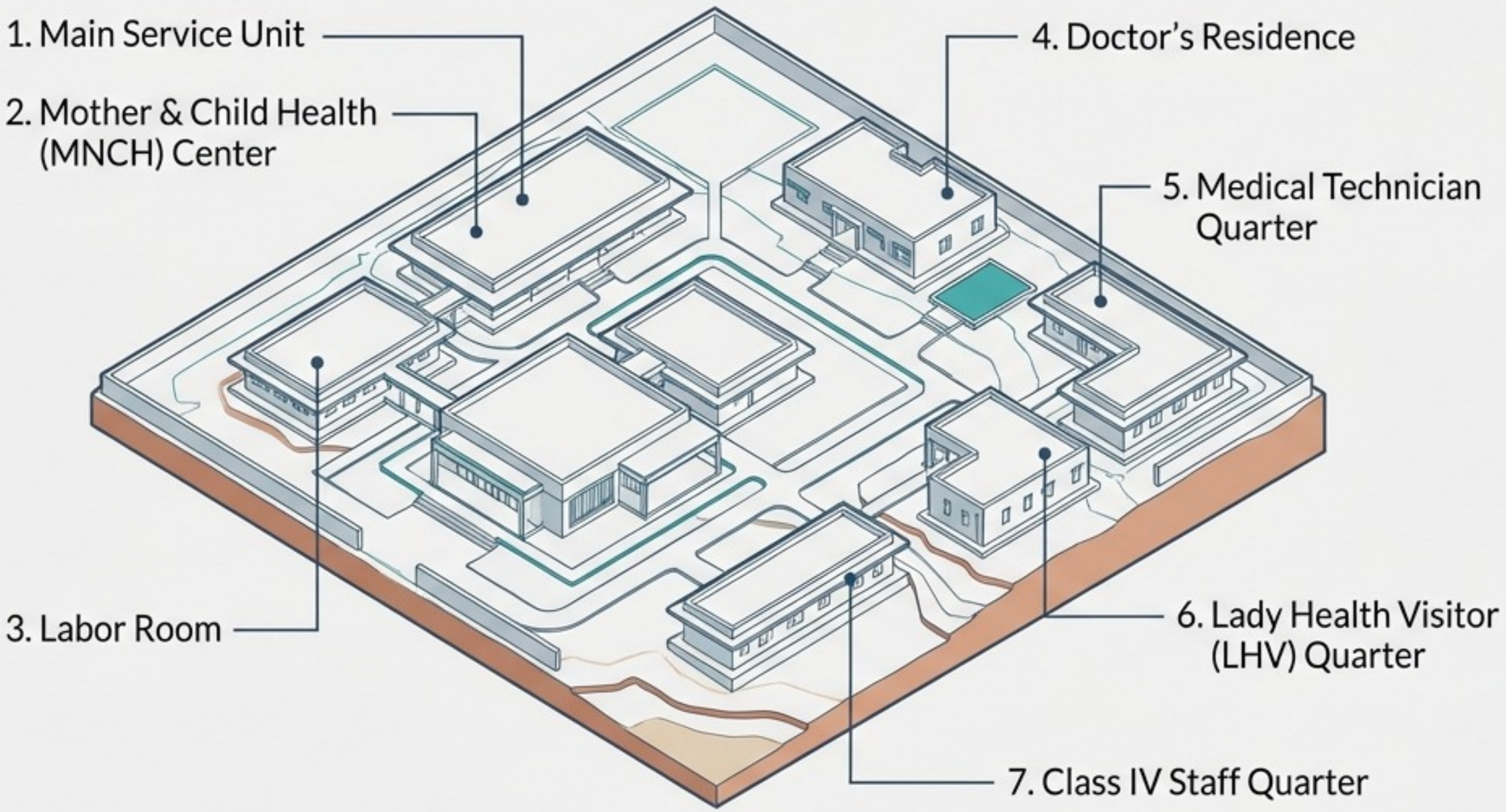
The Mission: To develop a supportive healthcare system through the reconstruction of the Government BHU in Miana Doag.

THE SCOPE

A total covered area of 7,500 square feet designed to serve a target population of over 80,000 beneficiaries in Union Council Doag Dara and adjacent areas.

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ENGINEERING A SELF-SUFFICIENT HEALTHCARE CAMPUS



Staff Retention Strategy:

The inclusion of residential quarters addresses the critical challenge of retaining qualified medical staff in remote, mountainous regions.

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LOGISTICS IN THE ABSENCE OF INFRASTRUCTURE

Physical Obstacles:

- Rugged terrain with no proper road infrastructure.

- Harsh winter weather and heavy snowfall.

- Absence of reliable telecommunication systems.



The Donkey Metric: Utilizing animal transport where modern logistics failed.

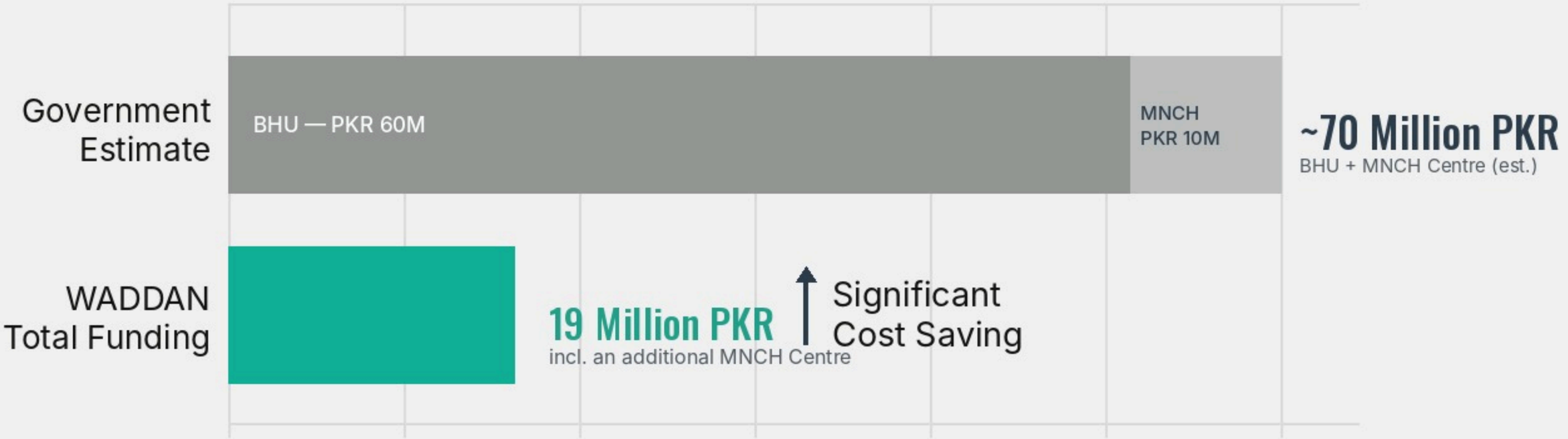
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OVERCOMING RESISTANCE IN A POST-CONFLICT ZONE



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DELIVERING VALUE: HIGH IMPACT AT JUST OVER A QUARTER OF THE COST



Key Takeaway

WADDAN delivered the BHU Miana Doag plus an additional MNCH Centre with total funding of PKR 19 million, without compromising on the 7,500 sq ft scope or quality.

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A CRITICAL LIFELINE FOR 600,000 PATIENTS

600,000+

Total Vulnerable Patients Treated

100+

Average Daily OPD Attendance

The immediate influx of patients validates the desperate need for local healthcare services, eliminating the 60km journey for thousands.

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PRIORITIZING MATERNAL AND CHILD SURVIVAL



The Facility:

A specialized Mother & Child Health (MNCH) Center and Labor Room constructed within the BHU.

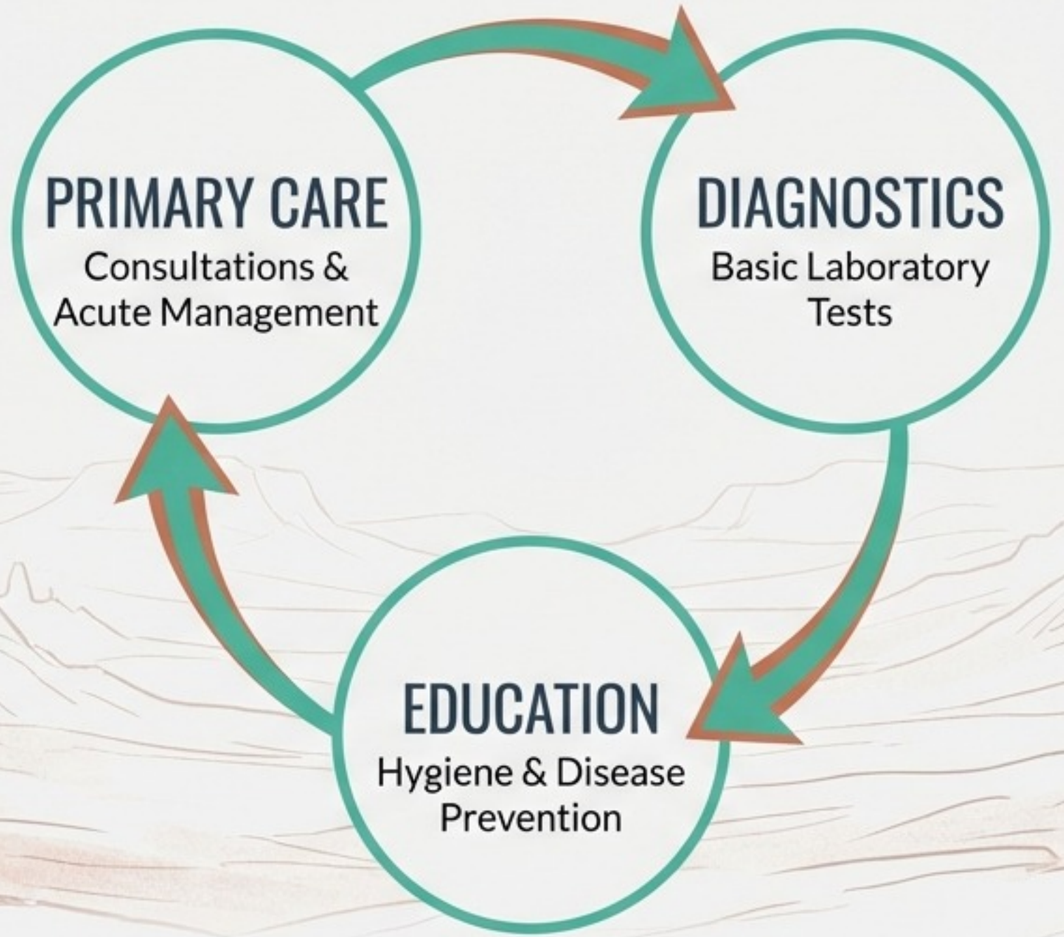
Services Provided:

- Prenatal and Postnatal care
- Safe deliveries and Neonatal care
- Family Planning and Immunizations

Outcome: **Significant reduction in maternal and child mortality risks**, directly addressing the vulnerability caused by the lack of transport for pregnant women.

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FROM EMERGENCY RESPONSE TO PREVENTATIVE CARE



Community Empowerment: The BHU serves as a hub for raising awareness about antenatal care and safety measures, combating the illiteracy and lack of awareness that previously exacerbated the crisis.

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A SUSTAINABLE ECONOMIC MODEL



Impact: This revenue stream ensures the ongoing maintenance and operation of the facility, transforming it from a sunken cost into a self-sustaining asset.

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SECURED LEGACY AND GOVERNMENT OWNERSHIP

Status: Ruined unit occupied by militants.

Status: **State-of-the-art government** asset.

- **The Handover:** The reconstructed BHU has been successfully handed over to the government for management.
- **Operational Status:** The facility is fully functional with healthcare professionals, equipment, and medications in place.

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RESILIENCE RECONSTRUCTION: A MODEL FOR FUTURE INTERVENTIONS

Summary: Despite the barriers of extremism, terrain, and weather, WADDAN delivered a **comprehensive** healthcare system that serves 80,000 people.

FINAL VERDICT

EFFICIENCY

73%

cost reduction vs. government estimates.

SCALE

600,000+

patients treated.

SUSTAINABILITY

6+ Million PKR

revenue generated.

The Miana Doag BHU stands as proof that essential services can be restored—and sustained—even in the most challenging post-conflict environments.



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