

KIOCH-Damak Children's Hospital

Progress Report

Jan 2022

KIOCH has received a near complete hospital building in Damak from Nepal Red Cross Society, Damak Sub Chapter, Jhapa to run as the provincial satellite children's hospital. Preparatory works are in final stage to start the satellite hospital at Damak. The KIOCH team considers Damak's project, as an opportunity to provide high quality Pediatric care outside of Kathmandu. The hospital will start its operation with 50 beds dedicated for children.

The following facilities will be established at the KIOCH-Damak Children's hospital:

Emergency Service
OPD clinics
IPD General beds + Cabin beds
NICU
PICU
Operating Room
Laboratory: (hematology, biochemistry, microbiology, parasitology)
Radiology: X-ray, ultrasound, Echocardiography, Doppler study
Service Units: Oxygen Plant, Oxygen manifold, vacuum, Water treatment plant, Laundry, HVAC
We plan to provide CT Scan service from the hospital

Renovation works is Underway:

The building provided Nepal Red Cross Society needs to be renovated and customized for hospital services. The work is underway. The existing building will be prepared for hospital services mentioned above by partitioning the hall and floors, whereas one new floor will be constructed with Light Weight Steel Structure above the one-storied long hall. We did the structural analysis of the building was done and the analysis report has suggested some re-enforcement in the columns of the ground floor. Design for the re-enforcement is being prepared.

Current progress of renovation are:

Floors	Rooms Created
1 st	Dirty Unit, Clean Unit, Autoclave, Changing, Toilet, Shower, Lockers, Lounge, Operation Theatre, Preparation, Scrub, Store and Pre-operation.
2 nd	Cabins: 1, 2 and 3, Doctor on Duty Room, Dirty Unit, Clean Unit, Pantry, Toilets, Ward, and waiting.
3 rd	Cabins: 1, 2 and 3, Doctor on Duty Room, Dirty Unit, Clean Unit, Pantry, Toilets, Ward, and waiting.
4 th	A big hall room has been created using hollow blocks that will be partitioned as per planned design.

Near Future plans of Renovation/ Customization

1. Create Emergency Unit in the Ground Floor of the building
2. Create One more floor for OT and NICU above the existing one-story long hall with Light Weight Steel Structure
3. Provide re-enforcement on the columns of ground floor
4. Provide furniture

Human Resource/ Organization structure

- Hospital Management Committee is formed
- Management level staff hired including Hospital Project Coordinator, Matron and finance personnel
- Other staff hiring in progress (shortlisting completed)

Equipment and machinery:

- Most of the required lab equipment are already available purchased by Red Cross and provided to KIOCH
- A number of equipment including ventilators, monitors, oxygen cylinders, concentrators, hospital beds received from donors are delivered to Damak
- PICU beds, syringe pump, infusion pump procurement is finalized and vendor to deliver the goods soon
- Medicine purchase finalized vendor selected
- Oxygen plan being supported by on organization
- Oxygen manifold construction will being shortly donated by a supplier
- Lift is donated by OTIS company and will be installed soon
- Bid Notice for Consumable supplies is in final stage

Timeline:

<i>Renovation</i>	
Partitioning	Jan 2022
Furnishing	Feb 2022
<i>HR Hiring</i>	
Management Level Staff	Nov 2021
Other Admin and Medical Staff	Feb 2022
<i>Equipment and Supplies</i>	
Lab Equipment	already Delivered to Damak
General beds	already Delivered to Damak
NICU Beds	Jan 2021
Ventilators, oxygen cylinders, concentrators	Already Delivered to Damak
Oxygen Manifold (Pipes) installation	Feb 2022
Oxygen Plant Installation	Jan-Feb 2022
Supplies	Feb 2022
<i>IT Software</i>	in testing phase final by Feb 2022
<i>Service Start</i>	March 2022

** Timeline might be affected for a month or so because of the restriction applied due to the pandemic

Some Pictures of the Hospital Building and Renovation



current building



Finished look



One of the wards



current outpatient



Pic 1: Project site: NRCS Damak Building, Damak-7, Jhapa



Pic 2 & 3: Brick Wall Partition on 1st Floor, Snake Bite Treatment Block



Pic 4 & 5: Brick Wall Partitioned Rooms on 2nd & 3rd Floor, Snake Bite Treatment Block



Pic 6: Hall prepared using hollow block on 4th Floor, Snake Bite Treatment Block



Pic 7 & 8: Strips provided by a donor being unloaded in KIOCH-DCH