

## ANNEX 1 – PROVISION OF ESSENTIAL HEALTH SERVICE PROJECT (PEHSP) DESCRIPTION

### Background Information

After decades of conflict, massive displacement of the population, widespread insecurity, and lack of public funding, the health care system as well as the health status of the people of South Sudan has suffered enormously. After gaining independence in 2011, South Sudan enjoyed relative peace and progress until December 2013 when internal conflict arose between the government and the opposition. This further worsened in 2016 leading to massive displacement of the population, especially in the two former States of Upper Nile and Jonglei. Health status of the population in South Sudan, especially children, is dire. This is evidenced by some of the health-related indicators. The under-five mortality rate and maternal mortality ratio are among the highest in the world at 91 per 1000 live birth<sup>1</sup>s and 789 per 100,000 live births<sup>2</sup> respectively. Malnutrition among children is widespread and this along with a preponderance of infectious diseases account for a considerable proportion of the total burden of disease. Infectious disease, including malaria, are common. Available information suggests that HIV prevalence estimates from location-specific surveys are as high as 8 per cent among adults in some areas. Adult HIV prevalence in many areas has exceeded 1 per cent<sup>3</sup>. The annual incidence of tuberculosis in South Sudan is among the highest in the world, estimated at 325 per 100,000 people<sup>4</sup>.

Due to poor sanitation, shortages of safe drinking water, low immunization rates, breakdown in health infrastructure and mass movements, the potential for spread of infectious and vaccine-preventable diseases, such as cholera and measles, is large. Since the beginning of 2018, there has been reported outbreaks of measles, with 389 cases and one death in five counties. Other outbreaks reported with suspect cases include Hepatitis E Virus (HEV), Rift valley Fever (RVF), meningitis and pertussis. The last cholera outbreak (June 2016 – February 2018) killed about 436 people with a cholera caseload of more than 20,000 people. Upsurge of outbreaks are expected anywhere in the country, as a result of ongoing conflict and displacement with limited access to functional health services.

Aside from the above determinants, high mortality is also due to limited coverage of as well as access to low cost, high impact maternal newborn and child health (MNCH) interventions. This is despite large amounts of external assistance after the signing of the Comprehensive Peace Agreement (CPA). According to the Health Sector Development Plan (2012-2016), prior to the July 2016 crisis, effective health services coverage was low; 56 per cent of the population in South Sudan did not have access to health facilities. More health facilities have since become non-functional because of looting or destruction as well as the non-availability of health workers, having fled due to insecurity or unpaid salaries for several months. Subsequently, only 54 per cent of pregnant women received at least one antenatal care (ANC) and nine per cent were assisted by skilled personnel during delivery. The caesarean section rate is less than one per cent of all deliveries – far lower than the WHO recommendation of between 10-15 per cent (MOH, HMIS data, 2016). Routine immunization coverage is low with only 52 per cent of children aged under 1 reported as receiving the Penta3 vaccination in 2018<sup>5</sup>.

---

<sup>1</sup> 2016 child mortality data available via [www.childmortality.org](http://www.childmortality.org)

<sup>2</sup> World Health Organization et al., *Trends in Maternal Mortality: 1990 to 2015 estimates by WHO, UNICEF, UNFPA, World Bank Group and United Nations Population Division (Executive Summary)*, 2015, at <http://www.afro.who.int/sites/default/files/2017-05/trends-in-maternal-mortality-1990-to-2015.pdf>

<sup>3</sup> Republic of South Sudan (2015) National Spectrum Estimates Report, Ministry of Health and South Sudan AIDS Commission

<sup>4</sup> Ministry of Health (2009) Basic Package of Health and Nutrition Services, at [https://www.unicef.org/southsudan/South\\_Sudan\\_Basic\\_package\\_of\\_health\\_services.pdf](https://www.unicef.org/southsudan/South_Sudan_Basic_package_of_health_services.pdf)

<sup>5</sup> Ministry of Health (January 2019) EPI administrative data for 2018

Meanwhile, underpinning the above, gender-based violence (GBV), already pervasive in South Sudan prior to the conflict, has been greatly intensified by the current crisis and is being perpetrated by all parties to the conflict. Though the full magnitude of the problem is not currently known, prior to the conflict, one out of five women in South Sudan were affected by GBV and 79 per cent of both male and female respondents find it justifiable for men to beat their wives or partners under some circumstances. Moreover, approximately 52 per cent of girls were married before the age of 18<sup>6</sup>. With the protracted conflict and deteriorating economic situation in the country, women and girls are at an even greater risk of GBV. Women and children require particular attention due to their overall disadvantaged status in society – based on both gender and age – which makes it more difficult for them to access services, overcome security barriers and advocate for themselves.

### **Situation in Upper Nile and Jonglei**

In Upper Nile and Jonglei, there are three levels of (sometimes interconnected) conflict: the national political conflict; intra-communal conflict and inter-communal conflict.

The main causes and drivers of conflict in Jonglei and Upper Nile include a combination of factors including: chronic food insecurity; widespread lack of equity; inadequate coverage in the delivery of basic services; competition for resources including cattle, land and water; easy availability of small arms; the manipulation of ethnic and clan identities by the elite to mobilise groups around political and violent objectives; lack of strong and effective governance at the local level; lack of security; and absence of the rule of law. All the above factors make the crisis in Upper Nile and Jonglei complex and multidimensional. As such, it is anticipated that even with the signing of the peace agreement at the national level, some levels of intra and inter-communal conflict will continue.

Consequently, in relation to health service delivery, the former States of Jonglei and Upper Nile remain extremely challenging due to widespread insecurity and looting of health supplies and assets, including the closure of health facilities. Access to primary health care has been difficult for a large proportion of the vulnerable populations situated there, including internally displaced persons and host community populations. For instance, according to available 2016 Health Management Information System data, consultation utilization rates for all ages were lowest in Jonglei state (0.2). Similarly, ANC first visit coverage was the lowest in Upper Nile (14.8 per cent) and Jonglei (21.5 per cent)<sup>7</sup>.

When it comes to coverage of pregnant women having at least four antenatal care visits (ANC4+), the lowest coverage was reported in Upper Nile (7.8 per cent) and Jonglei (9.5 per cent). For deliveries by a skilled birth attendant, Upper Nile and Jonglei recorded the least with only 2.2 per cent and 2.3 per cent respectively<sup>7</sup>.

Immunisation coverage is especially poor in conflict-affected regions, with Penta3 coverage of only 16 per cent in Jonglei and 24 per cent in Upper Nile<sup>8</sup>. This situation is further complicated by looting of cold chain equipment.

In 2017, out of 116 cold chain equipment installed, about 14 per cent were vandalized and looted, mostly in Upper Nile and Jonglei (6 per cent in each)<sup>9</sup>. The resulting gap in immunity puts children at a high risk of malnutrition and vaccine preventable disease.

---

<sup>6</sup> Ministry of Health (2010) South Sudan Household Health Survey

<sup>7</sup> Ministry of Health (2018) 6th Annual Report 2016 Health Management Information System (HMIS)

<sup>8</sup> Ministry of Health (January 2019) EPI administrative data for 2018

<sup>9</sup> Ministry of Health (2017), National Cold Chain Inventory

## Project Objective

The objective of this project is to deliver low cost, high impact essential health services to about 2 million of the total population living in the former Upper Nile and Jonglei States. This includes: 145,248 pregnant women; 130,432 children under one; and 424,928 children under five.<sup>10</sup>

*Note: IDPs living in POCs or formal camps will not be included as they are being covered by humanitarian agencies).*

## Project Activities

The scope of primary health care activities to be supported includes:

- (i) Child health services: health education; routine immunization (including via outreach); integrated management of neonatal and childhood illnesses (IMNCI) and referral for complicated cases; insecticide bed net (LLITNs) distribution<sup>5</sup>; vitamin A supplementation; promotion of adequate infant and young child feeding behaviours; and nutrition screening and referral to adjacent nutrition therapeutic programmes.
- (ii) Maternal and neonatal health services: health education; antenatal care (ANC4+: ANC profile will include Hb, urinalysis, RDT for malaria, HIV and VDRL<sup>11</sup>); ANC interventions (2TT, deworming, iron folate supplementation, intermittent preventive treatment - IPT, and insecticide bed net distribution<sup>5</sup>); skilled delivery; postnatal care of mothers and newborns; family planning; and referral (if required) for secondary health services.
- (iii) Basic and comprehensive emergency obstetric and newborn care at the primary health care centre (PHCC) and hospital level.
- (iv) Gender-based violence services: identification, counselling, management and proper referral for victims of gender-based violence, including rape victims;
- (v) Procurement and distribution of essential medicines and supplies: vaccines; vitamin A; oral rehydration solution (ORS) and zinc; medicines for deworming; antibiotics; and other essential medical supplies.
- (vi) Emergency preparedness and response: building the capacity of partners to detect, assess and respond to health needs in the event of emergencies, in particular disease outbreaks. UNICEF will integrate emergency preparedness and response into planning, capacity development, monitoring, and coordination. Kits and emergency health supplies will be prepositioned especially during the dry season (in secure warehouse locations), and contingency plans and standby agreements will also be put in place with local partners to provide rapid surge capacity where needed
- (vii) Disease surveillance and outbreak response. In line with the nationwide Integrated Disease Surveillance Response (IDSR) and Early Warning Alert and

---

<sup>10</sup> Physical verification and mapping is underway to ensure no overlap with other donor-supported health facilities.

<sup>11</sup> Supplies to be provided from the Global Fund through the Principal Recipients (United Nations Development Programme and Population Services International)

Response (EWARS) systems, partners will collect data from health facilities; and participate in field investigations and activities to respond to outbreaks such as cholera, viral haemorrhage fever, and malaria. UNICEF South Sudan will adopt an integrated approach, combining WASH, health and Communication for Development to ensure effectiveness and efficiency of outbreak preparedness, response and control interventions. Preparedness efforts are continuously being carried out, including through training of government and partner staff as well as through timely procurement and prepositioning of supplies to its field offices to enable swift access by partners. Outbreak response will aim to respond to outbreak alerts through case management, surveillance, cold chain and vaccine management for the conduct of emergency immunization campaigns, social mobilization and risk communication.

- (viii) Quality improvement and supervision: in-service training (with a focus on competency-based training); continuous quality improvement activities; infection prevention activities; supportive supervision; and promotion of procedures for proper waste management and disposal of sharps and other waste.

**The following types of activities will not be eligible for support**, with the assumption that they will be provided by other funding channels.

- 1) Procurement of nutritional and feeding supplements.
- 2) Surveys except in special circumstances and with prior approval from UNICEF.
- 3) Construction or major rehabilitation of health facilities: UNICEF will only support minor rehabilitation and preventative maintenance of health facilities. UNICEF may consider construction/rehabilitation of critical drug stores or other essential structures that are needed for CEmONC functionality.
- 4) Drugs and supplies that are already being procured through other vertical programmes (e.g. The Global Fund to fight AIDS, Tuberculosis and Malaria) will also not be eligible.

## **Governance and Leadership**

### Governance and Leadership (County Level)

The IPs shall strengthen the capacity of the CHD to provide overall leadership and stewardship of health in the county and provide the essential link between non-governmental organisations, vertical programmes and the MOH.

This will include ensuring the development of key skills and knowledge needed for planning, supervision, and evaluating health system performance, as well as indicators of success and developing modalities for increased community engagement. The IP will therefore:

- Ensure resilience/contingency planning for seasonal weather changes, floods, disease outbreaks, other humanitarian emergencies.
- Provide training and support for continuous quality assurance of health services at all levels.
- Development of an effective referral system linking the different levels of service delivery (community, health facilities and hospital).
- Conduct joint supportive supervision of health facilities.

- Strengthen stakeholder coordination forums for all vertical programmes and other funding streams in order to harmonise activities to optimise use of resources.
- Organise quarterly review of progress with other development partners, support the CHDs re-prioritise activities and support weekly CHD management meetings.
- Strengthen medical waste management in facilities.

### Governance and Leadership (Community Level)

The IPs will work with CHDs to strengthen the leadership of health committees and facilitate establishment of health committees for the health facilities where there are none.

The health committees will serve as the interface between the CHD, IPs, health facility and the community and to participate and oversee health services. The composition of the committees must have a gender balance and women should be encouraged to take leadership roles. Activities will include:

- Establish and strengthen the leadership of health committees and their involvement in oversight of health facilities.
- Support health committees to hold regular meetings with the IPs, CHD and health facility, to improve community governance of health services.
- Support health committees to promote health seeking behaviour and encourage access to health services.
- Provide mechanisms for communities to obtain feedback on perception of health services, health worker attendance, fraud, corruption or malpractice.
- Involve health committees in prioritising health facility renovations and infrastructure improvements.

### **Result framework**

| Estimated Population former Jonglei/Upper Nile            | Indicator name  | Formula                               | Unit of measure | Baseline (July – Sept 2018) | End target | Achievement as of last reporting period | Actual achievement as of the reporting period |
|---|---|---------------------------------------|-----------------|-----------------------------|------------|---|---|
| 3,238,454   |   |                                       |                 |                             |            |   |   |
| <b>Component 1: Delivery of essential health services</b> |   |                                       |                 |                             |            |   |   |
| 1   | Number of children less than 1 year receiving Penta3 vaccination                  | Targeted Estimated LOT Population* 4% | Number          | 11,637                      | 64,800     |   |   |
| 2   | Number of children less than 1 year who received measles vaccination (first dose) | Targeted Estimated LOT Population* 4% | Number          | 10,791                      | 64,800     |   |   |

| Estimated Population former Jonglei/Upper Nile<br>3,238,454 | Indicator name  | Formula   | Unit of measure | Baseline (July – Sept 2018) | End target                                     | Achievement as of last reporting period | Actual achievement as of the reporting period |
|---|---|---|-----------------|-----------------------------|--|---|---|
| 3   | Number of children aged 6-59 months who received vitamin A                          | Targeted<br>Estimated<br>LOT<br>Population*<br>19%  | Number          | 20,289                      | 205,200  |   |   |
| 4   | Number of pregnant women receiving ANC four visits                                  | Targeted<br>Estimated<br>LOT<br>Population*<br>4.4% | Number          | 2,871                       | 29,160   |   |   |
| 5   | Number of births attended by skilled birth personnel                                | Targeted<br>Estimated<br>LOT<br>Population*<br>4.4% | Number          | 7,681                       | 16,200   |   |   |
| 6   | Number of newborns receiving postnatal visit within two days of childbirth          | Targeted<br>Estimated<br>LOT<br>Population*<br>4.4% | Number          | Data unavailable            | 12,960   |   |   |
| 7   | Number of curative consultations provided for under 5 children                      | Targeted<br>Estimated<br>LOT<br>Population*<br>19%  | Number          | 99,958                      | 954,000  |   |   |
| 8   | Number of gender-based survivors provided with clinical management of rape services | Targeted<br>Estimated<br>LOT<br>Population*<br>4.4% | Proportion      | Data unavailable            | 100% of GBV survivors who reported an incident |   |   |
| 9   | Number of health care workers trained in-service                                    | All Health Workers in Supported Health Facilities   | Number          | Data unavailable            | 900  |   |   |
| 10  | Number of community health workers trained to implement BHI                         | All Boma Health Teams in Supported States           | Number          | Data unavailable            | 200  |   |   |

| Estimated Population former Jonglei/Upper Nile<br>3,238,454 | Indicator name  | Formula  | Unit of measure | Baseline (July – Sept 2018) | End target                       | Achievement as of last reporting period | Actual achievement as of the reporting period |
|---|---|--|-----------------|-----------------------------|----------------------------------|---|---|
| 11  | Number of health facilities with essential medicines available  | All Supported and Functional Health Facilities | Number          | Data unavailable            | All Supported Health Facilities* |   |   |
| 12  | Number of health facilities providing at least 75% of the essential package of health services  | All Supported and Functional Health Facilities | Number          | Data unavailable            | All Supported Health Facilities* |   |   |
| <b>Component 2: Monitoring, Evaluation and Learning</b>     |   |  |                 |                             |                                  |   |   |
| 13  | Proportion of functional health facilities submitting standardized HMIS monthly reports into the DHIS 2 within one month of the reporting month | All Supported and Functional Health Facilities | Proportion      | 60%                         | 90%                              |   |   |
| 14  | Proportion of health facilities with structured supervision visit   | All Supported and Functional Health Facilities | Proportion      | 40%                         | 90% (IPs) / 20% (UNICEF)         |   |   |
| <b>Component 3: Emergency preparedness and Response</b>     |   |  |                 |                             |                                  |   |   |
| 15  | Proportion of disease outbreaks detected and responded to within 72 hours   |  | Proportion      | 15%                         | 100%                             |   |   |
| 16  | Number of state-level Rapid Response Teams trained on investigation of alerts and immediate outbreak response”                                  | All 10 States in Former Jonglei and Upper Nile | Number          | 0                           | 10                               |   |   |

\*The precise number and list of supported health facilities will be agreed with Ministry of Health

## ANNEX 2 - UNICEF SUPPORTED SERVICES

### 2.1. Boma Health Initiative

The Boma Health Initiative is strategy aimed at bringing basic health services closer to people and increase their demand and awareness of health services. A sizable number of the population live far from the nearest health facility and therefore have inadequate access to healthcare services. The Basic Package of Health and Nutrition Services for Primary, Secondary/Tertiary Health Care in South Sudan articulates five components of BHI namely;

- I. Management of the most common causes (over 75%) of childhood illnesses: malaria, diarrhoea, pneumonia, malnutrition, vaccine preventable diseases.
- II. Safe motherhood, new-born care
- III. Control of common communicable diseases
- IV. Strengthening early warning systems
- V. Vital statistics: registration of births, deaths at community level

UNICEF supported BHI services will focus on the following areas;

- ❖ Health Education and Counseling
- ❖ Child Health
- ❖ Immunization
- ❖ Nutrition
- ❖ Maternal/ Neonatal Health
- ❖ Communicable Diseases
- ❖ First Aid
- ❖ Gender and Social Inclusion (including support to GBV)
- ❖ Community Health Information System

Below is the BHI component of UNICEF supported services. The services will be introduced in phases to allow for proper orientation of Boma Health Teams (Community Health Workers) on BHI.



## 2.2 BHI- UNICEF Supported Services (as at November 5 and based on ongoing discussions, including with HPF3)

| Focal Area                               | UNICEF Supported Services   | Provisions from UNICEF Health Programme  | Provisions from Other Programmes/Partners (if available)  |
|--|---|--|---|
| <b>Health Education &amp; Counseling</b> | <ul style="list-style-type: none"> <li>• Health education and counseling for               <ul style="list-style-type: none"> <li>○ Childhood illnesses (Malaria, Diarrhoea, Pneumonia, Vaccine preventable diseases) and Water and Sanitation.</li> <li>○ Maternal, Infants and Young Children Nutrition (MIYCN) including prevention of pre-lacteal feeding, exclusive breast feeding for first six months, timely weaning and complimentary feeding for 6 -24 months</li> <li>○ Safe Motherhood and New-born care</li> <li>○ First Aid (including Psychosocial “first aid”)</li> <li>○ Advocacy for gender equitable roles</li> </ul> </li> <li>• Community mobilization for health seeking behavior</li> <li>• Identification of community-based means of transport for referral-motorbikes, bicycles etc.</li> </ul> | <ul style="list-style-type: none"> <li>• Training of community health workers</li> <li>• BHI Job aids and resources</li> <li>• Transportation for supervision - bicycle/ motorbike maintenance and fuel</li> </ul> | <ul style="list-style-type: none"> <li>• Leftover assets available for transfer from the RRHP/IMA to the new project (bicycles, motorbikes)</li> <li>• IEC materials (C4D programme)</li> </ul> |
| <b>Child Health</b>                      | <ul style="list-style-type: none"> <li>• Integrated Community Case Management of Childhood illnesses (ICCM)- Malaria, Pneumonia and Diarrhoea and referral of children with danger signs</li> </ul>   | <ul style="list-style-type: none"> <li>• ICCM Drugs &amp; Commodities- stationary, charts, beads, MUACs, drugs- Antimalarials, Amoxicillin, Zinc &amp; ORS</li> </ul>  | <ul style="list-style-type: none"> <li>• Training materials</li> </ul>  |
| <b>Immunization</b>                      | <ul style="list-style-type: none"> <li>• Community mobilization for Immunization, including for outreach and other SIAS/NIDS (polio, measles, MNTE and others)</li> <li>• Defaulter tracing of immunization, counseling, referral and follow up</li> </ul>  | <ul style="list-style-type: none"> <li>• BHI Job aids and resources (e.g. Family Registers)</li> <li>• Immunization records<br/><b>(with GAVI support)</b></li> </ul>  | <ul style="list-style-type: none"> <li>• IEC materials</li> </ul>   |
| <b>Nutrition</b>                         | <ul style="list-style-type: none"> <li>• Counselling on maternal, infant and young child feeding</li> <li>• Growth monitoring and promotion</li> <li>• Screening for acute malnutrition using MUAC among Children and Pregnant and Lactating women</li> <li>• Referral for supplementary feeding/therapeutic feeding for moderate and severe acute malnutrition.</li> <li>• Twice-yearly de-worming supplementation (Vit. A, Albendazole)</li> </ul>  | <ul style="list-style-type: none"> <li>• MUACs</li> <li>• IEC materials</li> <li>• Referral protocols</li> <li>• Deworming</li> </ul>  | <ul style="list-style-type: none"> <li>• Vitamin A capsules (nutrition programme)</li> </ul>  |

| Focal Area   | UNICEF Supported Services   | Provisions from UNICEF Health Programme  | Provisions from Other Programmes/Partners (if available)  |
|--|---|--|---|
| <b>Reproductive/Maternal/<br/>Newborn<br/>Health</b> | <ul style="list-style-type: none"> <li>• Awareness creation/demand generation for ASRH rights and counseling of women and men to accept FP/RH services</li> <li>• STI awareness creation and referral for treatment</li> <li>• Distribution of oral FP methods</li> <li>• Identification, counseling and referral for ANC, safe deliveries, emergency obstetric care, post-natal care and Family Planning</li> <li>• Misoprostol distribution for Home deliveries</li> <li>• Counseling Mothers who have delivered at home on essential care of the newborn               <ul style="list-style-type: none"> <li>○ Immediate and thorough drying</li> <li>○ Immediate skin-to-skin contact</li> <li>○ Delayed cord clamping/cutting</li> <li>○ Initiation of breastfeeding within 1hr</li> <li>○ Kangaroo mother care/extra thermal care for LBW/preterm and referral to PHCC</li> </ul> </li> <li>• Training Mothers on clean cord care</li> <li>• Prompt referral for babies delivered at home to nearest health facility for evaluation, vaccinations, weighing, birth notification/ registration.</li> <li>• Postnatal monitoring and follow up at days 1, 3 and 7 after birth</li> <li>• Maternal death reporting</li> </ul> | <ul style="list-style-type: none"> <li>• BHI Job aids and resources (recording materials)</li> <li>• Chlorohexidine tubes</li> </ul> | <ul style="list-style-type: none"> <li>• Misoprostol</li> <li>• Condoms and Oral FP commodities</li> <li>• Training in Malakal &amp; Bor</li> <li>• <b>UNFPA</b></li> </ul> |
| <b>Communicable<br/>Diseases</b>                     | <ul style="list-style-type: none"> <li>• Community based Integrated Disease Surveillance and Response for Measles, Polio, Meningitis, Cholera, TB, Malaria outbreaks and other epidemics</li> </ul>   | <ul style="list-style-type: none"> <li>• BHI Job aids and resources (recording materials)</li> </ul>                                 | <ul style="list-style-type: none"> <li>• Surveillance tools- <b>WHO</b></li> </ul>  |
| <b>First Aid</b>                                     | <ul style="list-style-type: none"> <li>• Awareness creation on common hazards and accidents</li> <li>• Basic interventions at site of accidents and referral</li> </ul>   | <ul style="list-style-type: none"> <li>• BHI Job aids and resources (recording materials)</li> </ul>                                 |   |
| <b>Gender Based<br/>Violence/</b>                    | <ul style="list-style-type: none"> <li>• Identification, counseling and prompt referral to GBV services for survivors of Gender based Violence</li> </ul>   | <ul style="list-style-type: none"> <li>• IEC materials</li> </ul>  |   |

| Focal Area                       | UNICEF Supported Services   | Provisions from UNICEF Health Programme  | Provisions from Other Programmes/Partners (if available)     |
|----------------------------------|---|--|--|
| <b>Disability/ mental health</b> | <ul style="list-style-type: none"> <li>• Identification and prompt referral for appropriate services for people with disability and mental health issues.</li> </ul>  |  |  |
| <b>Community HIS</b>             | <ul style="list-style-type: none"> <li>• Vital statistics: registration of births, deaths at community level</li> <li>• Data collection and reporting of services and activities using the appropriate tools</li> </ul> | <ul style="list-style-type: none"> <li>• BHI Job aids and resources (recording materials)</li> </ul> | <ul style="list-style-type: none"> <li>• Training</li> </ul> |

### **2.3 Primary Health Care Unit**

A Primary Health Care Unit (PHCU) is the most basic and peripheral health facility with the closest contact with communities and is intended to serve a population of 15 000 persons. The BHI activities will be linked to and supervised from the PHCUs.

UNICEF support to the PHCUs will focus on the following key areas

- ❖ Health Education and Counseling
- ❖ Child Health
- ❖ Immunization
- ❖ Nutrition
- ❖ Reproductive/Maternal/ Newborn Health
- ❖ Curative Services
- ❖ Gender and social inclusion (including Psychosocial First Aid [PFA] and referral pathways)
- ❖ Boma Health Initiative Coordination
- ❖ Water, Sanitation and Hygiene

Below is the UNICEF supported services at the PHCU level.

## 2.4 PHCU- UNICEF Supported Services

| Focal Area                               | UNICEF Supported Services  | Provisions from UNICEF   | Provisions from Partners (if available)  |
|--|--|--|--|
| <b>Health Education &amp; Counseling</b> | Health education and counseling for <ul style="list-style-type: none"> <li>• Childhood illnesses (Malaria, Diarrhoea, Pneumonia, Vaccine preventable diseases)</li> <li>• Maternal, Infants and Young Children Nutrition (MIYCN) including early and exclusive breast feeding for first six months, timely weaning and continued breastfeeding for 24 months (complimentary feeding)</li> <li>• Reproductive Health, Safe Motherhood and New-born care</li> <li>• Prevention, Control of Communicable, Non-communicable (including injuries) and other Endemic Diseases</li> <li>• Advocacy against gender-based violence and promotion of services available</li> <li>• Hygiene promotion, including on hand washing, safe water and waste disposal and infection prevention</li> </ul> | <ul style="list-style-type: none"> <li>• IEC Materials</li> </ul>  | <ul style="list-style-type: none"> <li>• IEC Materials</li> <li>• ITNs Distribution- <b>GF through PSI</b></li> <li>• Leftover assets available for transfer from the RRHP/IMA to the new project</li> </ul> |
| <b>Child Health</b>                      | <ul style="list-style-type: none"> <li>• Management of uncomplicated cases especially Malaria, Pneumonia and Diarrhoea using PHCU level guidelines</li> <li>• Referral of children with danger signs to PHCC or CH</li> <li>• Surveillance and reporting of cases of vaccine preventable diseases</li> </ul>   | <ul style="list-style-type: none"> <li>• Thermometer</li> <li>• PHCU drug kit</li> <li>• Referral protocols</li> </ul>   | <ul style="list-style-type: none"> <li>• Surveillance tools- <b>WHO</b></li> </ul>   |
| <b>Immunization</b>                      | <ul style="list-style-type: none"> <li>• Daily routine immunization for five days a week</li> <li>• Community outreaches for routine immunization</li> <li>• Defaulter tracing of under-fives for immunization and counseling</li> </ul>   | <ul style="list-style-type: none"> <li>• Vaccines &amp; devices</li> <li>• Cold Chain facilities/ Maintenance</li> <li>• Cool boxes with ice</li> <li>• EPI card</li> <li>• Training materials</li> <li>• IEC materials</li> </ul> <p><b>(with GAVI support)</b></p> | <ul style="list-style-type: none"> <li>• Immunization in Practice tools and training <b>WHO (with GAVI support)</b></li> </ul>   |
| <b>Nutrition</b>                         | <ul style="list-style-type: none"> <li>• Counseling on maternal, infant and young child feeding</li> </ul>   | <ul style="list-style-type: none"> <li>• Height boards, weighing scales</li> </ul>   | <ul style="list-style-type: none"> <li>• Training materials</li> </ul>   |

| Focal Area                                       | UNICEF Supported Services  | Provisions from UNICEF  | Provisions from Partners (if available)  |
|--|--|---|--|
|  | <ul style="list-style-type: none"> <li>• Growth Monitoring and Promotion</li> <li>• Screening for Acute Malnutrition by use of MUAC among Children and Pregnant and Lactating women</li> <li>• Routine administration of vitamin A (every six months) for all children under 5</li> <li>• Referral to TSFP for moderate malnutrition, OTP for severe malnutrition without complications and SC for severe malnutrition with complications</li> <li>• Twice-yearly de-worming supplementation (Vit. A, Albendazole)</li> </ul>  | <ul style="list-style-type: none"> <li>• EPI card</li> <li>• MUACs</li> <li>• Referral protocols</li> <li>• Deworming (Albendazole)</li> <li>• Vitamin A (<b>UNICEF nutrition programme</b>)</li> </ul>   | <ul style="list-style-type: none"> <li>• Therapeutic Treatment for the acutely malnourished children (nutrition partners)</li> </ul>   |
| <b>Reproductive/Maternal/<br/>Newborn Health</b> | <ul style="list-style-type: none"> <li>• Facility based counseling awareness creation/demand generation for ASRH rights and counseling of women and men to accept FP/RH services</li> <li>• Issuing and administration of oral FP methods, Depo Provera</li> <li>• Referral for STI Management</li> <li>• Youth focused services: counseling on sexuality and Abstain, Behavioral Change and Condom use (ABC), Counseling and referral for STI Management.</li> <li>• Identification, counseling and referral for ANC, safe deliveries, emergency obstetric care, post-natal care</li> <li>• ANC: <i>abdominal palpation/monitoring BP &amp; Fetal heart</i>), iron/folic supplementation TT and IPT, deworming (<i>NB: Full ANC to be done at PHCC/Hospital level</i>)</li> <li>• Routine Screening for Malaria in pregnancy</li> <li>• Identification of HIV/STI among pregnant women, counseling and referral.</li> <li>• Provision of clean hygienic assistance of uncomplicated emergency delivery (<i>Note: PHCU are not expected to offer ANC &amp; deliveries services; Pregnant women should be directed to seek these services at the PHCC.</i>)</li> <li>• Essential Care of the normal newborn <ul style="list-style-type: none"> <li>○ Immediate and thorough drying</li> </ul> </li> </ul> | <ul style="list-style-type: none"> <li>• Mother and Child handbook/ANC cards</li> <li>• TT vaccines</li> <li>• Micronutrient supplements (folic/iron, IPT), deworming medication</li> <li>• Sphygmomanometer,</li> <li>• Stethoscope</li> <li>• RDT kits- Pregnancy, Malaria,</li> <li>• Delivery equipment (delivery sets, delivery table, sterilization set, consumables)</li> <li>• Infection prevention supplies (antiseptic, disinfectant, gumboots, heavy duty gloves, buckets for disinfection, handwashing stations and cleaning tools)</li> <li>• Syphilis testing</li> <li>• Baby Scale</li> <li>• Clean delivery kits</li> </ul> | <ul style="list-style-type: none"> <li>• ITNs distribution- <b>GF through PSI</b></li> <li>• HIV testing-<b>GF through UNDP</b></li> <li>• Family planning commodities (including OCPs, condoms)</li> <li>• CDKs</li> <li>• Training materials</li> <li>• Misoprostol</li> <li><b>Through UNFPA</b></li> </ul> |

| Focal Area                             | UNICEF Supported Services  | Provisions from UNICEF   | Provisions from Partners (if available)   |
|--|--|--|---|
|  | <ul style="list-style-type: none"> <li>○ Immediate skin-to-skin contact</li> <li>○ Delayed cord clamping</li> <li>○ Initiation of breastfeeding within 1hr</li> <li>• Newborn resuscitation for baby not breathing (bulb suction &amp; ambu bag assisted ventilation)</li> <li>• Training Mothers on cord care and distribution of chlorohexidine</li> <li>• Identification and referral of women with high risk labour complications</li> <li>• Prompt detection and referral for babies with birth complications</li> <li>• Training on Kangaroo care/ immediate referral of pre-terms/low birth weight</li> <li>• Postnatal Monitoring, Care and follow up</li> </ul> | <ul style="list-style-type: none"> <li>• Algorithms for STI identification</li> <li>• Neonatal Resuscitation kit (bulb sucker &amp; ambu bag)</li> <li>• Referral protocols</li> <li>• Communication means</li> </ul>                  |   |
| <b>Curative Services</b>               | <ul style="list-style-type: none"> <li>• Prompt treatment of uncomplicated cases</li> <li>• Prompt referral of cases for appropriate management at the appropriate level</li> <li>• Surveillance and reporting of cases of vaccine preventable diseases</li> </ul>   | <ul style="list-style-type: none"> <li>• RDTs</li> <li>• PHCU drug kit</li> <li>• Referral protocols</li> <li>• Data collection and reporting tools</li> </ul>   | <ul style="list-style-type: none"> <li>• Training materials</li> <li>• Tuberculosis IEC and creation of awareness, chemotherapy, incl. DOTS and defaulter tracing- <b>UNDP</b></li> <li>• Neglected Tropical Diseases-<b>WHO</b></li> </ul> |
| <b>Gender Based Violence Services/</b> | <ul style="list-style-type: none"> <li>• Facility based identification, counseling and prompt referral for survivors of Gender based Violence. First Psychosocial AID (FPA) in case prompt and easy access to CMR is not possible</li> <li>• Record keeping/reporting of incidences of GBV</li> </ul>  | <ul style="list-style-type: none"> <li>• Referral protocols/referral pathways</li> <li>• Training and referral pathway support (<b>by UNICEF Child Protection programme</b>)</li> <li>• Data collection and reporting tools</li> </ul> | <ul style="list-style-type: none"> <li>• GBV protocols</li> <li>• CMR training <b>Through UNFPA</b></li> </ul>  |

| Focal Area                                 | UNICEF Supported Services  | Provisions from UNICEF   | Provisions from Partners (if available)  |
|--|--|--|--|
| <b>Disability/mental health</b>            | <ul style="list-style-type: none"> <li>• Facility based identification and prompt referral for appropriate services for people with disability and mental health issues.</li> </ul>  |  | <ul style="list-style-type: none"> <li>•</li> </ul>  |
| <b>Boma Health Initiative Coordination</b> | <ul style="list-style-type: none"> <li>• Acquisition, storage and issuance of BHI commodities including ICCM drugs</li> <li>• Monitoring and supportive supervision for Boma Health Teams, and BHI activities</li> <li>• Entering the BHI data into the BHI integrated service register</li> <li>• Aggregating the data and transmitting it to the CHD.</li> </ul> | <ul style="list-style-type: none"> <li>• Storage facilities for BHI commodities</li> <li>• PHCU based BHTs</li> <li>• BHI data collection &amp; aggregation tools</li> </ul> | <ul style="list-style-type: none"> <li>• Training materials</li> </ul>   |
| <b>WASH</b>                                | <ul style="list-style-type: none"> <li>• Proper waste segregation and disposal of sharps, infectious waste and non-infectious waste</li> </ul>   | <ul style="list-style-type: none"> <li>• IEC materials</li> <li>• Training on adequate waste disposal and handling (by <b>UNICEF WASH programme</b>)</li> </ul>              | <ul style="list-style-type: none"> <li>• IEC Materials</li> <li>• Construction/Provision of water points and latrines</li> <li>• <i>IOM/WHO/Other</i></li> </ul> |
| <b>HIS</b>                                 | <ul style="list-style-type: none"> <li>• Reporting -data recording, compiling and submission using correct tools</li> <li>• Data use at source</li> </ul>  | <ul style="list-style-type: none"> <li>• Data collection and reporting tools</li> </ul>  | <ul style="list-style-type: none"> <li>• Data collection and reporting tools</li> </ul>  |



## 2.5 Primary Health Care Centre

A Primary Health Care Centre (PHCC) is the first referral health facility for patients referred from the PHCUs located in its catchment area. A PHCC is intended to serve a population of 50 000 people.

UNICEF support to the PHCCs will focus on the following key areas;

- ❖ Health Education and Counseling
- ❖ Child Health
- ❖ Immunization
- ❖ Nutrition
- ❖ Maternal/ Newborn Health
- ❖ Reproductive Health
- ❖ Curative Services
- ❖ Gender and Social Inclusion
- ❖ Laboratory
- ❖ Pharmacy
- ❖ Referral Services
- ❖ Quality Improvement & Supervision activities
- ❖ Water Sanitation and Hygiene (WASH)

Below are UNICEF supported services for PHCCs.

## 2.6 PHCC- UNICEF Supported Services

| Focal Area                               | UNICEF Supported Services  | UNICEF Provisions   | Provisions from other Partners (if available)  |
|--|--|---|--|
| <b>Health Education &amp; Counseling</b> | Health education and counseling for <ul style="list-style-type: none"> <li>• Childhood illnesses (Malaria, Diarrhoea, Pneumonia, Vaccine preventable diseases)</li> <li>• Maternal, Infants and Young Children Nutrition (MIYCN) including early and exclusive breast feeding for first six months, timely weaning and continued breastfeeding for 24 months (complimentary feeding)</li> <li>• Reproductive Health, Safe Motherhood and New-born care</li> <li>• Prevention, Control of Communicable, Non communicable (including injuries) and other Endemic Diseases</li> <li>• Treatment of survivors of gender based violence and promotion/referral to specialist resources/services available</li> <li>• Hygiene promotion, including on hand washing, safe water and waste disposal and infection prevention.</li> </ul> | <ul style="list-style-type: none"> <li>• IEC Materials</li> </ul>   | <ul style="list-style-type: none"> <li>• Leftover assets available for transfer from the RRHP/IMA to the new project</li> <li>• IEC Materials</li> <li>• ITNs Distribution- <b>GF through PSI</b></li> </ul> |
| <b>Child Health</b>                      | <ul style="list-style-type: none"> <li>• Algorithm guided Integrated Management of Neonatal and Childhood illnesses (IMNCI) especially Malaria, Acute Respiratory Infections and Diarrhoea</li> <li>• Inpatient services of under-fives with acute emergencies/ uncomplicated cases.</li> <li>• Referral of children with danger signs/complications to CH.</li> <li>• Surveillance and reporting of cases of vaccine preventable diseases</li> </ul>  | <ul style="list-style-type: none"> <li>• Height boards, weighing scales</li> <li>• Thermometer</li> <li>• Stethoscope</li> <li>• Sphygmomanometer,</li> <li>• Otoscopes</li> <li>• IMNCI guidelines</li> <li>• PHCC drug kit</li> <li>• Referral protocols</li> </ul> | <ul style="list-style-type: none"> <li>• Surveillance tools- <b>WHO</b></li> </ul>   |

| Focal Area                                   | UNICEF Supported Services   | UNICEF Provisions   | Provisions from other Partners (if available)   |
|--|---|---|---|
| <b>Immunization</b>                          | <ul style="list-style-type: none"> <li>• Daily routine immunization for five days a week</li> <li>• Community outreaches for routine immunization</li> <li>• Defaulter tracing of under-fives for immunization and counseling</li> </ul>  | <ul style="list-style-type: none"> <li>• IEC Materials</li> <li>• Cold Chain facilities/ maintenance</li> <li>• Cool boxes/ ice</li> <li>• Vaccines &amp; Devices</li> <li>• EPI cards and registers <b>(with GAVI support)</b></li> </ul>  | <ul style="list-style-type: none"> <li>• Immunisation in Practice tools and training <b>WHO (with GAVI support)</b></li> </ul>  |
| <b>Nutrition</b>                             | <ul style="list-style-type: none"> <li>• Counseling on maternal, infant and young child feeding</li> <li>• Growth Monitoring and Promotion</li> <li>• Screening for Acute Malnutrition by use of MUAC and W/H among Children and Pregnant and Lactating women and related medical complications</li> <li>• Routine administration of vitamin A and deworming (every six months) for all children under 5.</li> <li>• Referral of moderately and severely malnourished children to SFP, OTP and SC</li> </ul>  | <ul style="list-style-type: none"> <li>• Vitamin A and deworming tablets</li> <li>• Referral protocol</li> <li>• Height boards/ weighing scales</li> </ul>  | <ul style="list-style-type: none"> <li>• Training materials</li> <li>• Therapeutic Treatment for the acutely malnourished children (nutrition partners)</li> </ul>  |
| <b>Reproductive/Maternal/ Newborn Health</b> | <p><b>Reproductive health</b></p> <ul style="list-style-type: none"> <li>• Facility based counseling awareness creation/demand generation for ASRH rights and counseling of women and men to accept FP/RH services</li> <li>• FP methods, OCPs, Depo Provera, Sayana Press, Implants, IUCDs</li> <li>• Youth focused services: counseling on sexuality and Abstain, Behavioral Change and Condom use (ABC), Counseling and SMSTI treatment</li> <li>• Syndromic management of STI (gonorrhoea, urethral discharge, genital discharge, dysuria, pelvic inflammatory disease, genital ulcer disease, buboes or swollen inguinal glands, genital warts)</li> </ul> | <ul style="list-style-type: none"> <li>• TT Vaccines</li> <li>• Mother and Child Handbook/ANC cards</li> <li>• Micronutrient supplements (folic/iron, IPT), deworming medication</li> <li>• Sphygmomanometer, stethoscope</li> <li>• Midwifery kits</li> <li>• Sterilization equipment</li> <li>• Rapid Diagnostic Kits (malaria, syphilis, urinalysis)</li> <li>• PHCC drug Kit</li> <li>• Refrigerator</li> <li>• Referral protocols</li> </ul> | <ul style="list-style-type: none"> <li>• Misoprostol</li> <li>• CDKs/RH/MVA kits</li> <li>• Different choices of FP methods, (OCPs, Depo Provera, Sayana Press, Implants, IUCDs)</li> <li>• Condoms</li> <li>• MVA Kits</li> <li>• Oxytocin/Misoprostol</li> <li>• CMR training</li> <li>• EmONC training</li> <li>• <b>UNDP/UNFPA (Juba/Malakal)</b></li> <li>• Condoms</li> </ul> |

| Focal Area | UNICEF Supported Services   | UNICEF Provisions  | Provisions from other Partners (if available)   |
|------------|---|--|---|
|            | <p><b>ANC</b></p> <ul style="list-style-type: none"> <li>• Identification, counseling for ANC, safe deliveries, emergency obstetric care, post-natal care</li> <li>• ANC follow up of pregnant women aiming at 4 ANC visits</li> <li>• ANC profile- Hb, Urinalysis, Blood group, RDT for Malaria, VDRL, HIV test</li> <li>• ANC interventions- 2TT, Deworming, FeSO4/Folate, IPT</li> <li>• Identification of STI among pregnant women, counseling and treatment.</li> <li>• Management of uncomplicated conditions in pregnancy- Malaria, UTI, Anaemia etc</li> <li>• Partner screening for STI and treatment</li> <li>• PMTCT services</li> </ul> <p><b>Delivery</b></p> <ul style="list-style-type: none"> <li>• Labour monitoring using Partograph</li> <li>• Basic Emergency Obstetric Care</li> <li>• Detection and referral of women with high risk labour complications to the hospitals</li> <li>• Management of moderate complications and risks: infection, postpartum haemorrhage (Aortic compression, volume replacement)</li> </ul> <p><b>Neonatal Care</b></p> <ul style="list-style-type: none"> <li>• Essential Care of the normal newborn <ul style="list-style-type: none"> <li>○ Immediate and thorough drying</li> <li>○ Immediate skin-to-skin contact</li> <li>○ Delayed cord clamping</li> <li>○ Initiation of breastfeeding within 1hr</li> </ul> </li> <li>• Newborn resuscitation, (bulb suction &amp; ambu bag assisted ventilation)</li> </ul> | <ul style="list-style-type: none"> <li>• Transport support</li> <li>• Delivery equipment (midwifery kit)</li> <li>• Infection prevention supplies</li> <li>• Resuscitation equipment</li> <li>•</li> </ul> | <ul style="list-style-type: none"> <li>• HIV test Kits for Prevention of Mother-to-child transmission of HIV – PMTCT (GF through UNDP)</li> </ul> |

| Focal Area               | UNICEF Supported Services   | UNICEF Provisions   | Provisions from other Partners (if available)   |
|--------------------------|---|---|---|
|                          | <ul style="list-style-type: none"> <li>• Detection and referral for babies with birth complications -Birth injuries, Jaundice, pre-terms, and respiratory distress</li> <li>• Training Mothers on cord care and distribution of chlorohexidine</li> <li>• Training on Kangaroo care for mothers with uncomplicated pre-terms/low birth weight</li> <li style="padding-left: 20px;"><b>Postnatal Care (mother and baby)</b></li> <li>• Postnatal Monitoring, Care and follow up at day 1 and 3 after birth</li> <li>• Maternal death reporting.</li> </ul> |   |   |
| <b>Curative Services</b> | <ul style="list-style-type: none"> <li>• Monitoring of vital signs for all clients</li> <li>• Prompt treatment of uncomplicated cases including, communicable, non-communicable diseases.</li> <li>• 24hrs observation of critical cases</li> <li>• Prompt referral of cases for appropriate management at the appropriate level</li> <li>• Surveillance and reporting of cases of vaccine preventable diseases</li> </ul>  | <ul style="list-style-type: none"> <li>• Job aids</li> <li>• Treatment guidelines</li> <li>• Rapid Diagnostic Kits</li> <li>• Referral protocols</li> </ul> | <ul style="list-style-type: none"> <li>• Management of PLWAs/ART-<b>UNDP/GF</b></li> <li>• Follow-up patients on ART -<b>UNDP/GF</b></li> <li>• Severe HIV associated conditions and opportunistic infections-<b>UNDP/GF</b></li> <li>• Epidemic Preparedness-<b>WHO</b></li> <li>• Eye care, Dental, ENT conditions.</li> <li>• Tuberculosis, IEC and creation of awareness, chemotherapy, incl. DOTS &amp; defaulter tracing-<b>UNDP through AAA</b></li> <li>• Neglected tropical diseases-<b>WHO</b></li> <li>• Other infectious (selected) &amp; related conditions<br/>Non-Communicable, High Priority Diseases and Conditions</li> </ul> |

| Focal Area                             | UNICEF Supported Services  | UNICEF Provisions  | Provisions from other Partners (if available)  |
|--|--|--|--|
| <b>Gender based violence services/</b> | <ul style="list-style-type: none"> <li>• Facility based identification, counseling, clinical management for survivors of Gender Based Violence including Rape survivors (CMR)</li> <li>• Record keeping/reporting of incidences of GBV</li> </ul>  | <ul style="list-style-type: none"> <li>• PSEA &amp; GBV protocols and training (<b>UNICEF child protection programme</b>)</li> <li>• Training on CMRs</li> <li>• Job aids/IEC materials</li> <li>• Data collection facilities</li> </ul> | <ul style="list-style-type: none"> <li>• CMR protocols/ Kits including PEP-<b>UNFPA</b></li> <li>• Training Materials--<b>UNFPA</b></li> </ul>                             |
| <b>Disability/mental health</b>        | <ul style="list-style-type: none"> <li>• Facility based identification and prompt referral for appropriate services for people with disability and mental health issues.</li> </ul>  | <ul style="list-style-type: none"> <li>•</li> </ul>  | <ul style="list-style-type: none"> <li>•</li> </ul>  |
| <b>Laboratory</b>                      | <ul style="list-style-type: none"> <li>• Laboratory facilities to carry out the following tests, <ul style="list-style-type: none"> <li>○ Hemoglobin</li> <li>○ RDT</li> <li>○ Blood group</li> <li>○ Blood sugar</li> <li>○ HIV test</li> <li>○ VDRLfih</li> <li>○ Urinalysis</li> <li>○ Pregnancy test</li> <li>○ Microscopy- Urine, Stool etc.</li> </ul> </li> </ul> | <ul style="list-style-type: none"> <li>• Reagents</li> <li>• Quality Control mechanisms</li> </ul>   | <ul style="list-style-type: none"> <li>• Typhoid AG (Widal)</li> <li>• Brucellosis</li> <li>• Sputum for AFB</li> <li>• HIV test kits</li> <li>• VDRL test kits</li> </ul> |
| <b>Pharmacy</b>                        | <ul style="list-style-type: none"> <li>• Drug kit for the PHCC</li> <li>• Standardization of storage/dispensing areas with basic infrastructure- shelves/pallets</li> </ul>  | <ul style="list-style-type: none"> <li>• Storage facilities<sup>12</sup></li> <li>• Dispensing facilities</li> <li>• Pharmacy Records</li> </ul>   | <ul style="list-style-type: none"> <li>• Items not in the drug PHCC Kit</li> <li>• Storage facilities</li> </ul>   |
| <b>Referral Services</b>               | <ul style="list-style-type: none"> <li>• Referral protocol to and from the PHCC with appropriate forms and records</li> <li>• Communication for referral including mobile phones/high frequency radios</li> </ul>  | <ul style="list-style-type: none"> <li>• Referral protocol</li> <li>• Phone credit</li> <li>• Access to ambulance</li> </ul>   | <ul style="list-style-type: none"> <li>• Referral support</li> </ul>   |

<sup>12</sup> UNICEF may consider construction/rehabilitation of critical drug stores that are needed to strengthen the health system.

| Focal Area                                   | UNICEF Supported Services   | UNICEF Provisions  | Provisions from other Partners (if available)   |
|--|---|--|---|
| <b>Quality Improvement &amp; Supervision</b> | <ul style="list-style-type: none"> <li>• Monthly supervision and identification/documentation of improvement areas</li> <li>• Infection prevention strategies for staff and patients</li> </ul> | <ul style="list-style-type: none"> <li>• Support to supervision teams</li> <li>• Standards and assessments tools</li> </ul>  | <ul style="list-style-type: none"> <li>• Standards/ tools for specific technical areas</li> </ul>   |
| <b>WASH</b>                                  | <ul style="list-style-type: none"> <li>• Proper waste segregation and disposal of sharps, infectious waste and non-infectious waste</li> </ul>  | <ul style="list-style-type: none"> <li>• Technical support and guidance</li> <li>• Safety box</li> <li>• Training on adequate waste disposal and handling (<b>UNICEF WASH programme</b>)</li> <li>•</li> </ul> | <ul style="list-style-type: none"> <li>• Construction/Provision of water points and latrines, incinerators</li> <li>• <b>IOM/WHO/Other</b></li> </ul> |
| <b>HIS</b>                                   | <ul style="list-style-type: none"> <li>• Reporting -data recording, compiling and submission using correct tools</li> <li>• Data use at source</li> </ul>                                       | <ul style="list-style-type: none"> <li>• Data collection and reporting tools</li> </ul>  | <ul style="list-style-type: none"> <li>• Data collection and reporting tools</li> </ul>   |

## 2.7 Hospital

South Sudan public hospitals are divided into three categories –County, State and Teaching and Referral Hospitals; other categories that include the Faith Based Hospitals and NGO hospitals.

UNICEF support to the hospitals will focus on the following areas;

- ❖ Health Education and Counseling
- ❖ Child Health
- ❖ Immunization
- ❖ Nutrition
- ❖ Maternal/Neonatal Health
- ❖ Reproductive Health
- ❖ Curative services
- ❖ Laboratory
- ❖ Theatre
- ❖ Blood Bank
- ❖ Pharmacy
- ❖ Referral Services
- ❖ Quality Improvement & Supervision activities
- ❖ Water Sanitation and Hygiene WASH

Below is the UNICEF supported services for Hospitals.



**2.8 Hospitals (only a few selected hospitals will be supported)- UNICEF Supported Services in hospitals will focus on OPD, delivery, CEMOC services and surgery theatre**

| Focal Area                               | UNICEF Supported Services  | UNICEF Provisions   | Provisions from other Partners (if available)  |
|--|--|---|--|
| <b>Health Education &amp; Counseling</b> | Health education and counseling for <ul style="list-style-type: none"> <li>• Childhood illnesses (Malaria, Diarrhoea, Pneumonia, Vaccine preventable diseases) and Water and Sanitation.</li> <li>• Maternal, Infants and Young Children Nutrition (MIYCN) including prevention of pre-lacteal feeding, exclusive breast feeding for first six months, timely weaning and continued feeding for 24 months</li> <li>• Reproductive Health, Safe Motherhood and New-born care</li> <li>• Prevention, Control of Communicable, Non communicable (including injuries, mental illness, and disability) and other Endemic Diseases</li> <li>• Facility based advocacy for gender equitable sexual roles</li> <li>• Disability and Mental Health</li> <li>• Hygiene including hand washing, safe water and waste disposal and infection prevention</li> </ul> | <ul style="list-style-type: none"> <li>• IEC Materials</li> </ul>   | <ul style="list-style-type: none"> <li>• Leftover assets available for transfer from the RRHP/IMA to the new project</li> <li>• IEC Materials</li> <li>• ITNs Distribution- <b>GF through PSI</b></li> </ul>                 |
| <b>Child Health</b>                      | <ul style="list-style-type: none"> <li>• Algorithm guided Integrated Management of Neonatal and Childhood illnesses (IMNCI) especially Malaria, Acute Respiratory Infections and Diarrhoea</li> <li>• In patient management of childhood emergencies and severe illnesses in need of admission</li> </ul>  | <ul style="list-style-type: none"> <li>• Thermometer</li> <li>• Stethoscope</li> <li>• Otoscopes</li> <li>• IMNCI guidelines</li> <li>• County hospital drug kit</li> <li>• Referral protocols</li> </ul>                           | <ul style="list-style-type: none"> <li>• Preventative therapy for children in contact with TB patients- <b>UNDP</b></li> <li>• Early Infant Diagnosis of HIV- <b>UNDP</b></li> <li>HIV/AIDS Treatment-<b>UNDP</b></li> </ul> |
| <b>Immunization</b>                      | <ul style="list-style-type: none"> <li>• Daily routine immunization for five days a week</li> <li>• Community outreaches for routine immunization</li> <li>• Defaulter tracing of under-fives for immunization and counseling</li> </ul>   | <ul style="list-style-type: none"> <li>• IEC Materials</li> <li>• Cold Chain facilities/ maintenance</li> <li>• Cool boxes/ ice</li> <li>• Vaccines &amp; Devices</li> <li>• EPI cards and registers (with GAVI support)</li> </ul> | <ul style="list-style-type: none"> <li>• Immunisation in Practice tools and training <b>WHO (with GAVI support)</b></li> </ul>   |

| Focal Area                                    | UNICEF Supported Services  | UNICEF Provisions   | Provisions from other Partners (if available)  |
|---|--|---|--|
| <b>Nutrition</b>                              | <ul style="list-style-type: none"> <li>• Counselling on maternal, infant and young child feeding</li> <li>• Growth Monitoring and Promotion</li> <li>• Screening for acute malnutrition by use of MUAC and W/H among Children and Pregnant and Lactating women and related complications</li> <li>• Routine administration of vitamin A (every six months) for all children under 5.</li> <li>• Referral of moderately and severely malnourished children to SFP, OTP and SC</li> </ul>  | <ul style="list-style-type: none"> <li>• Height boards, weighing scales/ weighing trousers/MUACs</li> <li>• Referral protocols</li> </ul>   | <ul style="list-style-type: none"> <li>• Training materials</li> <li>• Therapeutic Treatment for the acutely malnourished children (nutrition partners)</li> </ul>   |
| <b>Reproductive/ Maternal/ Newborn Health</b> | <p><b>Family planning</b></p> <ul style="list-style-type: none"> <li>• Facility based counseling awareness creation/demand generation for ASRH rights and counseling of women and men to accept FP/RH services</li> <li>• FP methods, OCPs, Depo Provera,, Implants, IUCDs, Permanent methods- BTL &amp; Vasectomy.</li> <li>• Youth focused services: counseling on sexuality and Abstain, Behavioral Change and Condom use (ABC), and SMSTI treatment</li> <li>• Syndromic management of STI (gonorrhoea, urethral discharge, genital discharge, dysuria, pelvic inflammatory disease, genital ulcer disease, buboes or swollen inguinal glands, genital warts)</li> </ul> <p><b>ANC</b></p> <ul style="list-style-type: none"> <li>• Identification, counseling for ANC, safe deliveries, emergency obstetric care, post-natal care</li> <li>• ANC follow up of pregnant women aiming at 4 ANC visits</li> <li>• ANC profile- Hb, Urinalysis, Blood group, RDT for Malaria, HIV Test, VDRL</li> <li>• PMTCT services</li> <li>• ANC interventions- 2TT, Deworming, FeSO4/Folate, IPT</li> <li>• Identification of STI among pregnant women, counseling and treatment.</li> <li>• Partner screening for STI and treatment</li> <li>• Management of uncomplicated conditions in pregnancy</li> <li>• Ultrasound services</li> </ul> | <ul style="list-style-type: none"> <li>• TT Vaccine-<b>UNICEF</b></li> <li>• Mother and Child Handbook/ANC cards</li> <li>• Micronutrient supplements (folic/iron, IPT), deworming medication</li> <li>• Sphygmomanometer</li> <li>• Fetoscope</li> <li>• Adult Scale</li> <li>• Baby Scale</li> <li>• Delivery tables</li> <li>• Midwifery kits</li> <li>• Sterilization kit</li> <li>• Delivery trays</li> <li>• Vacuum Extractor</li> <li>• Resuscitation kits</li> <li>• CSSD</li> <li>• Blood bank</li> <li>• Autoclave</li> <li>• Rapid Diagnostic Kits (malaria, syphilis, urinalysis)</li> <li>• Laboratory supplies</li> </ul> | <ul style="list-style-type: none"> <li>• Training Materials-<b>UNFPA</b></li> <li>• ITN distribution – GF through PSI</li> <li>• Oxytocin/Misoprostol</li> <li>• VDRL test Kits</li> <li>• HIV test Kits-<b>UNDP through GF</b></li> <li>• Chlorohexidine wipes</li> <li>• Maama Kits</li> <li>• Different choices of FP methods, (OCPs, Depo Provera, Sayana Press, Implants, IUCDs)</li> <li>• Condoms</li> <li>• MVA Kits</li> </ul> <p><b>UNDP/UNFPA</b><br/>HIV test Kits and ARVs for Prevention of Mother-to-child transmission of HIV – PMTCT (<b>GF through UNDP</b>)</p> |

| Focal Area | UNICEF Supported Services  | UNICEF Provisions  | Provisions from other Partners (if available) |
|------------|--|--|---|
|            | <ul style="list-style-type: none"> <li>• In patient services for women with complications in pregnancy-Severe anaemia in pregnancy, Severe Malaria in Pregnancy, Antepartum haemorrhage (APH), Post-Partum Haemorrhage (PPH), Pre-eclampsia, Multiple pregnancy, Premature Labour, Rhesus (Rh) incompatibility, Severe Urinary tract infection in pregnancy, Ectopic pregnancy etc.</li> <li>• Provisions for waiting homes</li> <li style="padding-left: 20px;"><b>Delivery</b></li> <li>• Labour monitoring by use of Partograph</li> <li>• Comprehensive Emergency Obstetric Care               <ul style="list-style-type: none"> <li>○ I.V antibiotics administration</li> <li>○ I.V. uterotonics administration (Oxytocin)</li> <li>○ I.V anti-convulsants administration (MgSo4)</li> <li>○ Manual removal of the placenta</li> <li>○ Assisted delivery by vacuum extraction</li> <li>○ Manual vacuum aspiration of retained products of conception</li> <li>○ Blood Transfusion</li> <li>○ Caesarean Section</li> </ul> </li> <li>• Identification of high risk labour- Cephalo-Pelvic Disproportion (CPD) obstructed labour, Fetal Distress, Antenatal or Postnatal haemorrhage, fever, convulsions etc.</li> <li>• Management of labour and delivery complications including emergency Caesarean Sections and Hysterectomy</li> <li style="padding-left: 20px;"><b>Neonatal Care</b></li> <li>• Essential Care of the normal newborn               <ul style="list-style-type: none"> <li>○ Immediate and thorough drying</li> <li>○ Immediate skin-to-skin contact</li> <li>○ Delayed cord clamping</li> <li>○ Initiation of breastfeeding within 1hr</li> </ul> </li> <li>• Newborn resuscitation (suction, assisted ventilation with ambu bag, O2, correction of hypoglycaemia, hypothermia, bradycardia &amp; post resuscitation care).</li> </ul> | <ul style="list-style-type: none"> <li>• PHCC drug Kit</li> <li>• Referral protocols</li> <li>• Transport support</li> </ul> |   |

| Focal Area               | UNICEF Supported Services   | UNICEF Provisions  | Provisions from other Partners (if available)  |
|--------------------------|---|--|--|
|                          | <ul style="list-style-type: none"> <li>• Management of babies with birth complications -Birth injuries, Jaundice, pre-terms/LBW, respiratory distress, convulsions congenital anomalies etc.</li> <li>• Training Mothers on cord care and distribution of chlorohexidine</li> <li>• Training on Kangaroo care for mothers with uncomplicated pre-terms/low birth weight</li> </ul> <p style="text-align: center;"><b>Postnatal</b></p> <ul style="list-style-type: none"> <li>• Postnatal Monitoring, Care and follow up</li> <li>• Maternal death surveillance, reporting and response.</li> </ul> |  |  |
| <b>Curative Services</b> | <ul style="list-style-type: none"> <li>• Monitoring of vital signs for all clients</li> <li>• Prompt treatment of OPD cases including, communicable, non-communicable.</li> <li>• 24hrs observation of critical cases</li> <li>• Prompt referral of cases for appropriate management at the appropriate department/level</li> <li>• Individual case management in epidemics and disease outbreaks – cholera, meningitis, measles, whooping cough, polio, yellow fever, RV fever etc.</li> </ul>   | <ul style="list-style-type: none"> <li>• Job aids</li> <li>• Treatment guidelines</li> <li>• Rapid Diagnostic Kits</li> <li>• PHCC kits</li> <li>• Referral protocols</li> </ul> | <ul style="list-style-type: none"> <li>• Epidemic Preparedness-<b>WHO</b></li> <li>• Management of PLWAs/ART-<b>UNDP</b></li> <li>• Follow-up patients on ART-<b>UNDP</b></li> <li>• Severe HIV associated conditions and opportunistic infections-<b>UNDP</b></li> <li>• Drug resistance surveillance, operational research- <b>UNDP</b></li> <li>• Tuberculosis, IEC and creation of awareness, chemotherapy, incl. DOTS &amp; defaulter tracing, X ray for smear negative patients-<b>UNDP</b></li> <li>• Neglected tropical diseases-<b>WHO</b></li> <li>• Other infectious (selected) &amp; related conditions</li> <li>• Eye care, Dental, ENT conditions</li> <li>• Non-Communicable, High Priority Diseases and Conditions</li> <li>• Inpatient management of severe cases</li> <li>• Management of complicated cases</li> </ul> |

| Focal Area                            | UNICEF Supported Services  | UNICEF Provisions   | Provisions from other Partners (if available)   |
|---------------------------------------|--|---|---|
| <b>Gender based violence services</b> | <ul style="list-style-type: none"> <li>• Facility based identification, counseling, clinical management for survivors of Gender Based Violence including Rape survivors (CMR)</li> <li>• Record keeping/reporting of incidences of GBV</li> <li>•</li> </ul>   | <ul style="list-style-type: none"> <li>• Training on CMRs</li> <li>• Job aids/IEC materials</li> <li>• Data collection facilities</li> </ul>  | <ul style="list-style-type: none"> <li>• GBV protocols <b>UNFPA</b></li> <li>• CMR protocols/ Kits including PEP-<b>UNFPA</b></li> <li>• Training Materials- <b>UNFPA</b></li> </ul>                          |
| <b>Disability/mental health</b>       | <ul style="list-style-type: none"> <li>• Facility based identification, management and prompt referral for appropriate services for people with disability and mental health issues.</li> </ul>  | <ul style="list-style-type: none"> <li>•</li> </ul>   | <ul style="list-style-type: none"> <li>•</li> </ul>   |
| <b>Laboratory</b>                     | <ul style="list-style-type: none"> <li>• Laboratory facilities to carry out the following tests <ul style="list-style-type: none"> <li>○ Hemoglobin</li> <li>○ RDT</li> <li>○ Blood grouping and Cross Match</li> <li>○ Blood sugar</li> <li>○ VDRL</li> <li>○ Hepatitis B &amp; C</li> <li>○ HIV</li> <li>○ Urinalysis</li> <li>○ Pregnancy test</li> <li>○ Microscopy for Stool, Urine, MPS etc.</li> <li>○ UEC</li> <li>○ LFTs</li> </ul> </li> </ul> | <ul style="list-style-type: none"> <li>• Functional Equipment</li> <li>• Reagents</li> <li>• Quality Control mechanisms</li> </ul>  | <ul style="list-style-type: none"> <li>• HIV test kits-<b>UNFPA/UNDP</b></li> <li>• VDRL test kits-<b>UNFPA</b></li> <li>• Sputum for AFB-<b>UNDP through AAA</b></li> <li>• CD4 Count-<b>UNDP</b></li> </ul> |
| <b>Pharmacy</b>                       | <ul style="list-style-type: none"> <li>• Drug kit for county hospital</li> <li>• Standardization of storage/dispensing areas with basic infrastructure-shelves/pallets</li> </ul>  | <ul style="list-style-type: none"> <li>• Storage facilities</li> <li>• Dispensing facilities</li> <li>• Pharmacy Records</li> </ul>   | <ul style="list-style-type: none"> <li>• Augmentation of Hospital Drug Kit</li> </ul>   |
| <b>Theatre</b>                        | <ul style="list-style-type: none"> <li>• Theatre capable of Obstetrics/Gynaecology and general surgeries (non elective)</li> </ul>   | Supplies contributing to CEMOC <ul style="list-style-type: none"> <li>• Midwifery kits</li> <li>• Obstetric Surgical kit</li> <li>• Resuscitation kit</li> <li>• Sterilization kit</li> </ul> | <ul style="list-style-type: none"> <li>• Other Theatre supplies</li> </ul>  |

| Focal Area                                   | UNICEF Supported Services  | UNICEF Provisions   | Provisions from other Partners (if available)  |
|--|--|---|--|
|  |  | Support to other essential theatre supplies (if not provided by other partners)   |  |
| <b>Blood Bank</b>                            | <ul style="list-style-type: none"> <li>Hygienic facilities for blood donation</li> <li>Screening blood for HIV, Syphilis, Hepatitis B &amp;C, Malaria</li> <li>Grouping and cross matching</li> </ul>  |   | <ul style="list-style-type: none"> <li>Job aids /protocols</li> <li>Dedicated fridge for refrigeration</li> </ul>                        |
| <b>Referral Services</b>                     | <ul style="list-style-type: none"> <li>Referral protocol to and from the hospital with appropriate forms and records</li> <li>Ambulance including motorcycle ambulances</li> <li>Communication for referral including mobile phones/high frequency radios</li> </ul> | <ul style="list-style-type: none"> <li>Referral protocol</li> <li>Support to communication</li> <li>Access to ambulance</li> </ul>  | <ul style="list-style-type: none"> <li>Support for referral services</li> </ul>  |
| <b>Quality Improvement &amp; Supervision</b> | <ul style="list-style-type: none"> <li>Monthly supervision and identification/documentation of improvement areas</li> <li>Infection prevention strategies for staff and patients</li> </ul>  | <ul style="list-style-type: none"> <li>Support to supervision teams</li> <li>Standards and assessments tools</li> </ul>   | <ul style="list-style-type: none"> <li>Standards/ tools for specific technical areas</li> </ul>  |
| <b>WASH</b>                                  | <ul style="list-style-type: none"> <li>Proper waste segregation and disposal of sharps, infectious waste and non-infectious waste</li> </ul>   | <ul style="list-style-type: none"> <li>Technical support and guidance</li> <li>Safety box</li> <li>Training on adequate waste disposal and handling (<b>UNICEF WASH programme</b>)</li> </ul> | <ul style="list-style-type: none"> <li>Construction/Provision of water points and latrines, incinerators <b>IOM/WHO/Other</b></li> </ul> |
| <b>HIS</b>                                   | <ul style="list-style-type: none"> <li>Reporting -data recording, compiling and submission using correct tools</li> <li>Data use at source</li> </ul>  | <ul style="list-style-type: none"> <li>Data collection and reporting tools</li> </ul>   | <ul style="list-style-type: none"> <li>Data collection and reporting tools</li> </ul>  |

**List of supplies****BHI Drug kit (Will be delivered to PHCUs)**

| <b>Kit composition/ Unit Pack</b>                                       |
|---|
| Artesunate/Amodiaquine 2-11 months - tablets - 25mg/67.5mg (3 tabs) /25 |
| Artesunate/Amodiaquine 1-5 years - tablets - 50mg/135mg (3 tabs) /25    |
| Malaria rapid diagnostic tests-RDT Pf- /25                              |
| ORS low osm. 20.5g/1L (non-flavoured) - /100                            |
| Zinc Sulphate dispersable 20mg tablet, blister pack/100                 |
| Amoxicillin - Capsules and tablets - 250mg (dispersible) (6 tabs)/100   |
| Amoxicillin - Capsules and tablets - 1250mg (dispersible) /100          |
| ORS fl.1Lx2+ Zinc 20mg 10tabs.kit/PAC/100                               |

## PHCU Drug Kit

| Kit composition / Unit Pack                             |
|---|
| Albendazole 200mg chewable tabs/PAC-100                 |
| Amod 135mg+Arte 50mg tab/3/PAC-25                       |
| Amod 270mg+Arte100mg tabs/3/PAC-25                      |
| Amod 270mg+Arte100mg tabs/6/PAC-25                      |
| Amod 67.5mg+Arte 25mg tab/3/PAC-25                      |
| Amoxicillin 250mg disp.tab/PAC-(10x10)                  |
| Bandage, gauze,5cmx5m, roll                             |
| Bandage, gauze,8cmx4m, roll                             |
| Chlorhex.diglu.7.1% gel cord.c.TBE/10g                  |
| Chlorhexidine conc. sol. 5%/BOT-1000ml                  |
| Chlorphenamine 4mg tabs/PAC-1000                        |
| Cotton wool,500g, roll, non-sterile                     |
| Doxycycline 100mg tabs PAC/10x10                        |
| Erythromycin 250mg tabs/PAC-100                         |
| First Response Malaria Pf HRP2, kit/25                  |
| Gloves, exam, latex, pwndfree, large/BOX-100            |
| HCG Pregnancy rapid Test, kit/50                        |
| Iron 60mg + Folic ac. 400mcg tab/PAC-100                |
| Mebendazole 100mg chewable tabs/PAC-100                 |
| Medical tape,2.5cmx5m,roll                              |
| Nystatin 100,000IU pess. with app/PAC-15                |
| ORS fl.1Lx2+ Zinc 20mg 10tabs.kit/PAC                   |
| Paracetamol 100mg tabs/PAC-100                          |
| Praziquantel 600mg tabs/PAC-100                         |
| Quinine sulfate 300mg tabs/PAC-100                      |
| SD Bioline, syphilis, 3.0, kit/100                      |
| Sulfadoxine+Pyrimethamine 500+25mg tabs/PAC-1000        |
| Test strip, urine, 10 parameter, box/100                |
| Zinc Sulphate dispersable 20mg tablet, blister park/100 |
| Paracetamol 500mg double scored tablet/Pac 1000         |
| Paracetamol Suspension, 120mg/5ml, 60ml Bottle          |
| Metronidazole Suspension 200mg/5ml, 100ml Bottle        |
| Metronidazole 200mg, tablet                             |
| Amoxicillin Suspension 250mg/5ml, 100ml Bottle          |
| Co-Trimoxazole 100mg+20mg, tablet                       |
| Co-Trimoxazole 400mg+80mg Scored tablet                 |
| Hyoscine Butylbromide 10mg tablet Blister pack          |
| Azithromycin 250mg tablet Blister pack                  |
| Gentamycin Eye/Ear drops, 0.3% 10ml Bottle              |
| Tetracycline Eye Ointment 1%, 5gm tube                  |
| Povidone-Iodine 10% 200ml, Bottle                       |



## PHCC Drug Kit

| Kit composition/ unit pack                      |
|---|
| Albendazole 200mg chewable tabs/PAC-100         |
| Amod 135mg+Arte 50mg tab/3/PAC-25               |
| Amod 270mg+Arte100mg tabs/3/PAC-25              |
| Amod 270mg+Arte100mg tabs/6/PAC-25              |
| Amod 67.5mg+Arte 25mg tab/3/PAC-25              |
| Amoxicillin 250mg disp.tab/PAC-(10x10)          |
| Artesunate pdr./inj. 60mg vial/BOX              |
| Ascorbic acid 250mg tabs/PAC-1000               |
| Atenolol 50mg tabs/PAC-1000                     |
| Atropine inj. 1mg/ml 1 ml amp/BOX-10            |
| Benzathine benzylpen.pdr/inj 2,4MIU vial/BOX-50 |
| Benzylpenicillin pdr/inj 5MIU vial/BOX-50       |
| Bandage, gauze,5cmx5m, roll                     |
| Bandage, gauze,8cmx4m, roll                     |
| Calc.glucon.inj. 100mg/ml 10ml amp/BOX-10       |
| Cannula short,18G,ster,disp                     |
| Cannula short,22G,ster,disp                     |
| Cannula short,24G,ster,disp                     |
| Chloramphenicol pdr/inj 1g vial/BOX-5           |
| Chlorhex.diglu.7.1% gel cord.c.TBE/10g          |
| Chlorhexidine conc. Sol. 5%/BOT-1000ml          |
| Chlorphenamine 4mg tabs/PAC-1000                |
| Cotton wool,500g,roll,non-ster                  |
| Ceftriaxone pdr/inj 1g vial/BOX-10              |
| Clotrimazole 500mg pessaries /applicator        |
| Cloxacillin 250mg caps/PAC-500                  |
| Compress, gauze,10x10cm, n/ster/PAC-1 00        |
| Compress, gauze,10x10cm, ster/PAC- 5            |
| Doxycycline 100mg tabs PAC/10x10                |
| Erythromycin 250mg tabs/PAC-100                 |
| Epinephrine inj. 1mg/ml amp/BO X-10             |
| First Response Malaria Pf HRP2, kit/25          |
| Folic acid 5mg tabs/PAC-1000                    |
| Furosemide inj. 10mg/ml 2ml amp/BOX-10          |
| Gloves, surg, pwndfree,7.5, ster, s.u.,pair     |
| Gloves, surg,pwndfree,8.5,ster,s.u.,pair        |
| Gloves, exam,latex,pwndfree,large/BOX-100       |
| Glucose hyperton.inj 50% 50ml vial/BOX -20      |
| Glucose inj 5% 500ml w/giv.set/BOX-20           |
| HCG Pregnancy Rapid Test, kit/50                |
| Hydrocortisone pdr/inj 100mg vial/BOX-10        |

|  |
|--|
| Ibuprofen 400mg tabs/PAC-100                                       |
| Iron 60mg + Folic ac. 400mcg tab/PAC-100                           |
| Lidocaine inj 1% 20ml ampl/BOX- 20                                 |
| Methyldopa 250mg tabs/PAC-10 0                                     |
| Metronidazole 500mg tabs PAC/10x1 0                                |
| Magn.sulph.inj 500mg/ml 10ml amp/BOX-10                            |
| Methylergom. Inj 0.2mg/ml 1ml amp/BOX-10                           |
| Miconazole 10mg Muco Adhesive tb/PAC -350                          |
| ORS fl.1Lx2+ Zinc 20mg 10tabs.kit/PAC                              |
| ORS low osm. 20.5g/1L CAR/10x100                                   |
| Prednisolone 5mg tabs/PAC-100                                      |
| Proc.benzylpeni.pdr/inj 3MIU vial/BOX-50                           |
| Promethazine 25mg tabs/PAC-100                                     |
| Quinine sulfate 300mg tabs/PAC-100                                 |
| Quinine inj IV/IM 300mg/ml 2ml amp/BOX-10                          |
| Retinol 200,000IU soft gel. Caps/PAC -500                          |
| Salbutamol inj. 0.1mg/ds 200ds                                     |
| Silver Sulfadiazine 1% cream/TBE -50g                              |
| Sodium chloride inj. 10ml/BOX-5                                    |
| Salbutamol 4mg tablets /PAC-10x10                                  |
| SD Bioline, syphilis, 3.0, kit/100                                 |
| Sodium Chloride (Normal Saline) Infusion 0.9% 500ml w/g.set/Box 24 |
| Sod.lactat.comp.inj 500ml w/g.set/BOX-24                           |
| Ranitidine 150mg Tablet Blister Pack, PAC 60                       |
| Sulfadox+Pyrimeth 500+25mg tabs/PAC-1000                           |
| Syringe,dispos,20ml,ster/BOX-100                                   |
| Syringe,dispos,10ml,ster/BOX-100                                   |
| Syringe,dispos,5ml,ster/BOX-100                                    |
| Syringe, dispos,2ml, ster/BOX-100                                  |
| Syringe,dispos,1ml,ster/BOX-100                                    |
| Test strip, urine, 10 parameters, box/100                          |
| Tetracycline eye ointment 1%/TBE -5g                               |
| Water for inj. 10ml amp/BOX-50                                     |
| Water purify.(NaDCCO 1.67g tabs/PAC-2 00                           |
| Zinc Sulphate dispersable 20mg tablet, blister park                |
| Zinc oxide ointment 10%/TBE-100g                                   |
| Ciprofloxacin 500mg Tablet, PAC 500                                |
| Co-Trimoxazole 100mg+20mg Tablet, PAC 1000                         |
| Co-Trimoxazole 400mg+80mg Scored Tablet, PAC 1000                  |
| Diclofenac Sodium 25mg Enteric Coated Tablet, PAC 100              |
| Fluconazole 100mg Tablet PAC 20                                    |
| Paracetamol 500mg, double score Tablet, PAC 1000                   |
| Paracetamol Suspension 120mg/5ml, 60ml Bottle                      |
| Metronidazole Suspension 200mg/5ml, Bottle 100ml                   |
| Amoxicillin Suspension 250mg/5ml, 100ml, Bottle                    |

|  |
|--|
| Azithromycin 200mg/5ml, 15ml Bottle                      |
| Gentamycin 40mg/ml, 2mlAmp PAC 100                       |
| Diclofenac Sodium injection 75mg/3ml, 3ml Amp PAC 100    |
| Hyoscine Butylbromide 10mg, Tablet Blister Pack, PAC 100 |
| Gentamycin Ey/Ear drops, 0.3%, 10ml Bottle               |
| Tetracycline Eye Ointment 1%, 5mg tube                   |
| Povidone – Iodine 10%, 200ml Bottle                      |
| Amoxicillin disp. Tab, 125mg, PAC 20                     |

## County/State Hospital

| Kit composition/ unit pack                      |
|---|
| Albendazole 200mg chewable tabs/PAC-100         |
| Amod 135mg+Arte 50mg tab/3/PAC-25               |
| Amod 270mg+Arte100mg tabs/3/PAC-25              |
| Amod 270mg+Arte100mg tabs/6/PAC-25              |
| Amod 67.5mg+Arte 25mg tab/3/PAC-25              |
| Amoxicillin 250mg disp.tab/PAC-1000             |
| Amitriptyline 25mg tabs/PAC-5 00                |
| Artesunate pdr./inj. 60mg vial/BOX              |
| Ascorbic acid 250mg tabs/PAC-1000               |
| Atenolol 50mg tabs/PAC-1000                     |
| Atropine inj. 1mg/ml 1 ml amp/BOX-10            |
| Benzathine benzylpen.pdr/inj 2,4MIU vial/BOX-50 |
| Benzylpenicillin pdr/inj 5MIU vial/BOX-50       |
| Bandage, gauze,5cmx5m, roll                     |
| Bandage, gauze,8cmx4m, roll                     |
| Calc.glucon.inj. 100mg/ml 10ml amp/BOX-10       |
| Cannula, IV short,18G,ster,disp                 |
| Cannula, IV short,22G, ster,disp                |
| Cannula, IV short,24G,ster,disp                 |
| Chloramphenicol pdr/inj 1g vial/BOX-5           |
| Chlorhex.diglu.7.1% gel cord.c.TBE/10g          |
| Chlorhexidine conc. sol. 5%/BOT-1000ml          |
| Chlorphenamine 4mg tabs/PAC-1000                |
| Cotton wool,500g, roll, non-ster                |
| Ceftriaxone pdr/inj 1g vial/BOX-10              |
| Clotrimazole 500mg pessaries /applicator        |
| Cloxacillin 250mg caps/PAC-500                  |
| Compress, gauze,10x10cm, n/ster/PAC-1 00        |
| Compress, gauze,10x10cm, ster/PAC- 5            |
| Diazepam in j 5mg/ml 2ml amp/BOX-10pt           |
| Diazepam 5mg tabs/PAC-100pt                     |
| Doxycycline 100mg tabs PAC/10x10                |
| Erythromycin 250mg tabs/PAC-100                 |
| Epinephrine inj. 1mg/ml amp/BO X-10             |
| First Response Malaria Pf HRP2, kit/25          |
| Folic acid 5mg tabs/PAC-1000                    |
| Furosemide inj. 10mg/ml 2ml amp/BOX-10          |
| Gloves, surg, pddfrees,7.5, ster,s.u.,pai r     |
| Gloves, surg, pddfrees,8.5,ster,s.u.,pair       |
| Gloves, exam, latex, pddfrees,large/BOX-100     |
| Glucose hyperton.inj 50% 50ml vial/BOX -20      |
| Glucose inj 5% 500ml w/giv.set/BOX-24           |

|  |
|--|
| HCG Pregnancy Rapid Test, kit/50                                     |
| Haloperidol 5mg tabs/PAC-100   |
| Haloperidol inj. 5mg/ml 1ml amp/BOX-10                               |
| Hydralazine pdr/inj 20mg amp /BOX-5                                  |
| Hydrochlorothiazide 25mg tabs/PAC-100                                |
| Hydrocortisone pdr/inj 100mg vial/BOX-10                             |
| Ibuprofen 400mg tabs/PAC-100   |
| Iron 60mg + Folic ac. 400mcg tab/PAC-100                             |
| Ketamine inj 50mg/ml 10ml vial/BOX-25nt                              |
| Lidocaine inj 1% 20ml ampl/BOX- 20                                   |
| Methyldopa 250mg tabs/PAC-10 0                                       |
| Multivitamine film coated Tablet, PAC 1000                           |
| Metronidazole 500mg tabs PAC/10x1 0                                  |
| Magn.sulph.inj 500mg/ml 10ml amp/BOX-10                              |
| Methylergom. inj 0.2mg/ml 1ml amp/BOX-10                             |
| Morphine sulph.inj 10mg/ml 1ml/BOX-10nt                              |
| Miconazole 10mg Muco Adhesive tb/PAC -350                            |
| Naloxone inj 400mcg/ml 1ml amp/BOX-10                                |
| ORS fl.1Lx2+ Zinc 20mg 10tabs.kit/PAC                                |
| ORS low osm. 20.5g/1L CAR/10x100                                     |
| Phenobarbital 30mg tabs/PAC-100p t                                   |
| Prednisolone 5mg tabs/PAC-100  |
| Proc.benzylpeni.pdr/inj 3MIU vial/BOX-50                             |
| Promethazine 25mg tabs/PAC-100                                       |
| Quinine sulfate 300mg tabs/PAC-100                                   |
| Quinine inj IV/IM 300mg/ml 2ml amp/BOX-10                            |
| Retinol 200,000IU soft gel. caps/PAC -500                            |
| Ranitidine 150mg tablet Blister Pack, PAC 60                         |
| Salbutamol inh. 0.1mg/ds 200ds                                       |
| Silver Sulfadiazine 1% cream/TBE -50g                                |
| Sodium Chloride (Normal Saline) Infusion 0.9% 500ml w/g.set/Box - 24 |
| Sodium chloride inj. 10ml/BOX-5                                      |
| Salbutamol 4mg tablets /PAC-10x10                                    |
| SD Bioline, syphilis, 3.0, kit/100                                   |
| Sod.lactat.comp.infusion 500ml w/g.set/BOX-24                        |
| Sulfadox+Pyrimeth 500+25mg tabs/PAC-1000                             |
| Syringe,dispos,20ml,ster/BOX-100                                     |
| Syringe,dispos,10ml,ster/BOX-100                                     |
| Syringe, dispos,5ml,ster/BOX-100                                     |
| Syringe, dispos,2ml,ster/BOX-100                                     |
| Syringe, dispos,1ml,ster/BOX-100                                     |
| Test strip, urine, 10 parameters, box/100                            |
| Tetracycline eye ointment 1%/TBE -5g                                 |
| Water for inj. 10ml amp/BOX-50                                       |
| Water purify. (NaDCC0 1.67g tabs/PAC-2 00                            |

|   |
|---|
| Zinc Sulphate dispersable 20mg tablet, blister park                                       |
| Zinc oxide ointment 10%/TBE-100g  |
| Ciprofloxacin 500mg Tablet, PAC 500   |
| Ciprofloxacin Injection (0.2%w/v) 200mg/100ml, PAC 10                                     |
| Co-Trimoxazole 100mg+20mg Tablet, PAC 1000  |
| Co-Trimoxazole 400mg+80mg Scored Tablet, PAC 1000   |
| Diclofenac Sodium 25mg Enteric Coated Tablet, PAC 100                                     |
| Fluconazole 100mg Tablet PAC 20   |
| Paracetamol 500mg, double score Tablet, PAC 1000  |
| Paracetamol Suspension 120mg/5ml, 60ml Bottle   |
| Metronidazole Suspension 200mg/5ml, Bottle 100ml  |
| Amoxicillin Suspension 250mg/5ml, 100ml, Bottle   |
| Azithromycin Suspension 200mg/5ml, 15ml Bottle  |
| Gentamycin 40mg/ml, 2mlAmp PAC 100  |
| Diclofenac Sodium injection 75mg/3ml, 3ml Amp PAC 100                                     |
| Hyoscine Butylbromide 10mg, Tablet Blister Pack, PAC 100                                  |
| Gentamycin Ey/Ear drops, 0.3%, 10ml Bottle  |
| Halothane 250ml, Inhalation, Bottle, PAC  |
| Suxamethonium Chloride, 100mg/2ml, 2ml Amp, PAC 100                                       |
| Bupivacaine HCL Glucose Spinal heavy (0.5%+80mg/ml, hyperbaic) 4ml Amp (Marcaine), PAC 20 |
| Tetnus Anoxin 1,500IU Amp, PAC 50   |
| Povidone – Iodine 10%, 200ml Bottle   |
| Amoxicillin disp. Tab, 125mg, PAC 20  |
| Artemether Injection 20mg/ml, 2ml Amp PAC 8   |
| Artemether Injection 80mg/ml, 1ml Amp, PAC 8  |

## Referral Hospital

| Kit composition/ unit pack                      |
|---|
| Albendazole 200mg chewable tabs/PAC-100         |
| Amod 135mg+Arte 50mg tab/3/PAC-25               |
| Amod 270mg+Arte100mg tabs/3/PAC-25              |
| Amod 270mg+Arte100mg tabs/6/PAC-25              |
| Amod 67.5mg+Arte 25mg tab/3/PAC-25              |
| Amoxicillin 250mg disp.tab/PAC-1000             |
| Amitriptyline 25mg tabs/PAC-5 00                |
| Artesunate pdr./inj. 60mg vial/BOX              |
| Ascorbic acid 250mg tabs/PAC-1000               |
| Atenolol 50mg tabs/PAC-1000                     |
| Atropine inj. 1mg/ml 1 ml amp/BOX-10            |
| Benzathine benzylpen.pdr/inj 2,4MIU vial/BOX-50 |
| Benzylpenicillin pdr/inj 5MIU vial/BOX-50       |
| Bandage, gauze,5cmx5m, roll                     |
| Bandage, gauze,8cmx4m, roll                     |
| Calc.glucon.inj. 100mg/ml 10ml amp/BOX-10       |
| Cannula, IV short,18G,ster,disp                 |
| Cannula, IV short,22G, ster,disp                |
| Cannula, IV short,24G,ster,disp                 |
| Chloramphenicol pdr/inj 1g vial/BOX-5           |
| Chlorhex.diglu.7.1% gel cord.c.TBE/10g          |
| Chlorhexidine conc. sol. 5%/BOT-1000ml          |
| Chlorphenamine 4mg tabs/PAC-1000                |
| Cotton wool,500g, roll, non-ster                |
| Ceftriaxone pdr/inj 1g vial/BOX-10              |
| Clotrimazole 500mg pessaries /applicator        |
| Cloxacillin 250mg caps/PAC-500                  |
| Compress, gauze,10x10cm, n/ster/PAC-1 00        |
| Compress, gauze,10x10cm, ster/PAC- 5            |
| Diazepam in j 5mg/ml 2ml amp/BOX-10pt           |
| Diazepam 5mg tabs/PAC-100pt                     |
| Doxycycline 100mg tabs PAC/10x10                |
| Erythromycin 250mg tabs/PAC-100                 |
| Epinephrine inj. 1mg/ml amp/BO X-10             |
| First Response Malaria Pf HRP2, kit/25          |
| Folic acid 5mg tabs/PAC-1000                    |
| Furosemide inj. 10mg/ml 2ml amp/BOX-10          |
| Gloves, surg, pwndfree,7.5, ster,s.u.,pai r     |
| Gloves, surg, pwndfree,8.5,ster,s.u.,pair       |
| Gloves, exam, latex, pwndfree,large/BOX-100     |
| Glucose hyperton.inj 50% 50ml vial/BOX -20      |

|  |
|--|
| Glucose inj 5% 500ml w/giv.set/BOX-24                                |
| HCG Pregnancy Rapid Test, kit/50                                     |
| Haloperidol 5mg tabs/PAC-100   |
| Haloperidol inj. 5mg/ml 1ml amp/BOX-10                               |
| Hydralazine pdr/inj 20mg amp /BOX-5                                  |
| Hydrochlorothiazide 25mg tabs/PAC-100                                |
| Hydrocortisone pdr/inj 100mg vial/BOX-10                             |
| Ibuprofen 400mg tabs/PAC-100   |
| Iron 60mg + Folic ac. 400mcg tab/PAC-100                             |
| Ketamine inj 50mg/ml 10ml vial/BOX-25nt                              |
| Lidocaine inj 1% 20ml ampl/BOX- 20                                   |
| Methyldopa 250mg tabs/PAC-10 0                                       |
| Multivitamine film coated Tablet, PAC 1000                           |
| Metronidazole 500mg tabs PAC/10x1 0                                  |
| Magn.sulph.inj 500mg/ml 10ml amp/BOX-10                              |
| Methylergom. inj 0.2mg/ml 1ml amp/BOX-10                             |
| Morphine sulph.inj 10mg/ml 1ml/BOX-10nt                              |
| Miconazole 10mg Muco Adhesive tb/PAC -350                            |
| Naloxone inj 400mcg/ml 1ml amp/BOX-10                                |
| ORS fl.1Lx2+ Zinc 20mg 10tabs.kit/PAC                                |
| ORS low osm. 20.5g/1L CAR/10x100                                     |
| Phenobarbital 30mg tabs/PAC-100p t                                   |
| Prednisolone 5mg tabs/PAC-100  |
| Proc.benzylpeni.pdr/inj 3MIU vial/BOX-50                             |
| Promethazine 25mg tabs/PAC-100                                       |
| Quinine sulfate 300mg tabs/PAC-100                                   |
| Quinine inj IV/IM 300mg/ml 2ml amp/BOX-10                            |
| Retinol 200,000IU soft gel. caps/PAC -500                            |
| Ranitidine 150mg tablet Blister Pack, PAC 60                         |
| Salbutamol inh. 0.1mg/ds 200ds                                       |
| Silver Sulfadiazine 1% cream/TBE -50g                                |
| Sodium Chloride (Normal Saline) Infusion 0.9% 500ml w/g.set/Box - 24 |
| Sodium chloride inj. 10ml/BOX-5                                      |
| Salbutamol 4mg tablets /PAC-10x10                                    |
| SD Bioline, syphilis, 3.0, kit/100                                   |
| Sod.lactat.comp.infusion 500ml w/g.set/BOX-24                        |
| Sulfadox+Pyrimeth 500+25mg tabs/PAC-1000                             |
| Syringe,dispos,20ml,ster/BOX-100                                     |
| Syringe,dispos,10ml,ster/BOX-100                                     |
| Syringe, dispos,5ml,ster/BOX-100                                     |
| Syringe, dispos,2ml,ster/BOX-100                                     |
| Syringe, dispos,1ml,ster/BOX-100                                     |
| Test strip, urine, 10 parameters, box/100                            |
| Tetracycline eye ointment 1%/TBE -5g                                 |
| Water for inj. 10ml amp/BOX-50                                       |



|   |
|---|
| Water purify. (NaDCC0 1.67g tabs/PAC-2 00   |
| Zinc Sulphate dispersable 20mg tablet, blister park                                       |
| Zinc oxide ointment 10%/TBE-100g  |
| Ciprofloxacin 500mg Tablet, PAC 500   |
| Cirprofloxacin Injection (0.2%w/v) 200mg/100ml, PAC 10                                    |
| Co-Trimoxazole 100mg+20mg Tablet, PAC 1000  |
| Co-Trimoxazole 400mg+80mg Scored Tablet, PAC 1000   |
| Diclofenac Sodium 25mg Enteric Coated Tablet, PAC 100                                     |
| Fluconazole 100mg Tablet PAC 20   |
| Paracetamol 500mg, double score Tablet, PAC 1000  |
| Paracetamol Suspension 120mg/5ml, 60ml Bottle   |
| Metronidazole Suspension 200mg/5ml, Bottle 100ml  |
| Amoxicillin Suspension 250mg/5ml, 100ml, Bottle   |
| Azithromycin Suspension 200mg/5ml, 15ml Bottle  |
| Gentamycin 40mg/ml, 2mlAmp PAC 100  |
| Diclofenac Sodium injection 75mg/3ml, 3ml Amp PAC 100                                     |
| Hyoscine Butylbromide 10mg, Tablet Blister Pack, PAC 100                                  |
| Gentamycin Ey/Ear drops, 0.3%, 10ml Bottle  |
| Halothane 250ml, Inhalation, Bottle, PAC  |
| Suxamethonium Chloride, 100mg/2ml, 2ml Amp, PAC 100                                       |
| Bupivacaine HCL Glucose Spinal heavy (0.5%+80mg/ml, hyperbaic) 4ml Amp (Marcaine), PAC 20 |
| Tetnus Anoxin 1,500IU Amp, PAC 50   |
| Povidone – Iodine 10%, 200ml Bottle   |
| Amoxicillin disp. Tab, 125mg, PAC 20  |
| Artemether Injection 20mg/ml, 2ml Amp PAC 8   |
| Artemether Injection 80mg/ml, 1ml Amp, PAC 8  |

### ANNEX 3 – PEHS LOTS

| Lot    | County    | New States          | Number of Facilities (TBC) | Estimated Catchment Population | Estimated Lot Population |
|--------|-----------|---------------------|----------------------------|--------------------------------|--------------------------|
| Lot 1  | Fashoda   | Fashoda state       | 9                          | 54,721                         | 110,937                  |
|        | Manyo     | Fashoda state       | 11                         | 56,216                         |                          |
| Lot 2  | Renk      | Northern Upper Nile | 15                         | 205,922                        | 279,364                  |
|        | Melut     | Northern Upper Nile | 14                         | 73,442                         |                          |
| Lot 3  | Malakal   | Central Upper Nile  | 12                         | 188,643                        | 462,108                  |
|        | Pigi      | Central Upper Nile  | 6                          | 141,516                        |                          |
|        | Baliet    | Central Upper Nile  | 10                         | 64,270                         |                          |
|        | Akoka     | Central Upper Nile  | 5                          |                                |                          |
|        | Panyikang | Central Upper Nile  | 12                         | 67,679                         |                          |
| Lot 4  | Longechuk | Maiwut state        | 15                         | 110,445                        | 296,206                  |
|        | Maiwut    | Maiwut state        | 11                         | 118,081                        |                          |
|        | Maban     | Northern Upper Nile | 13                         | 67,680                         |                          |
| Lot 5  | Nasir     | Latjor State        | 21                         | 312,370                        | 424,935                  |
|        | Ulang     | Latjor State        | 8                          | 112,565                        |                          |
| Lot 6  | Fangak    | Fangkak State       | 18                         | 157,024                        | 356,497                  |
|        | Ayod      | Fangkak State       | 15                         | 199,473                        |                          |
| Lot 7  | Nyirol    | Bieh State          | 11                         | 154,931                        | 396,497                  |
|        | Uror      | Bieh State          | 13                         | 241,566                        |                          |
| Lot 8  | Akobo     | Akobo States        | 16                         | 193,471                        | 193,471                  |
| Lot 9  | BOR       | Jonglei State       | 24                         | 315,671                        | 437,679                  |
|        | TWIC EAST | Jonglei State       | 8                          | 122,008                        |                          |
|        | Duk       | Jonglei State       | 5                          | 122,320                        |                          |
| Lot 10 | Boma      | Boma State          | 3                          | 35,544                         | 280,760                  |
|        | Pibor     | Boma State          | 4                          | 168,619                        |                          |
|        | Pochalla  | Boma State          | 8                          | 76,597                         |                          |

\*Number of health facilities per lot will be confirmed with Ministry of Health and after the selection of partners



0 50 100 150 km

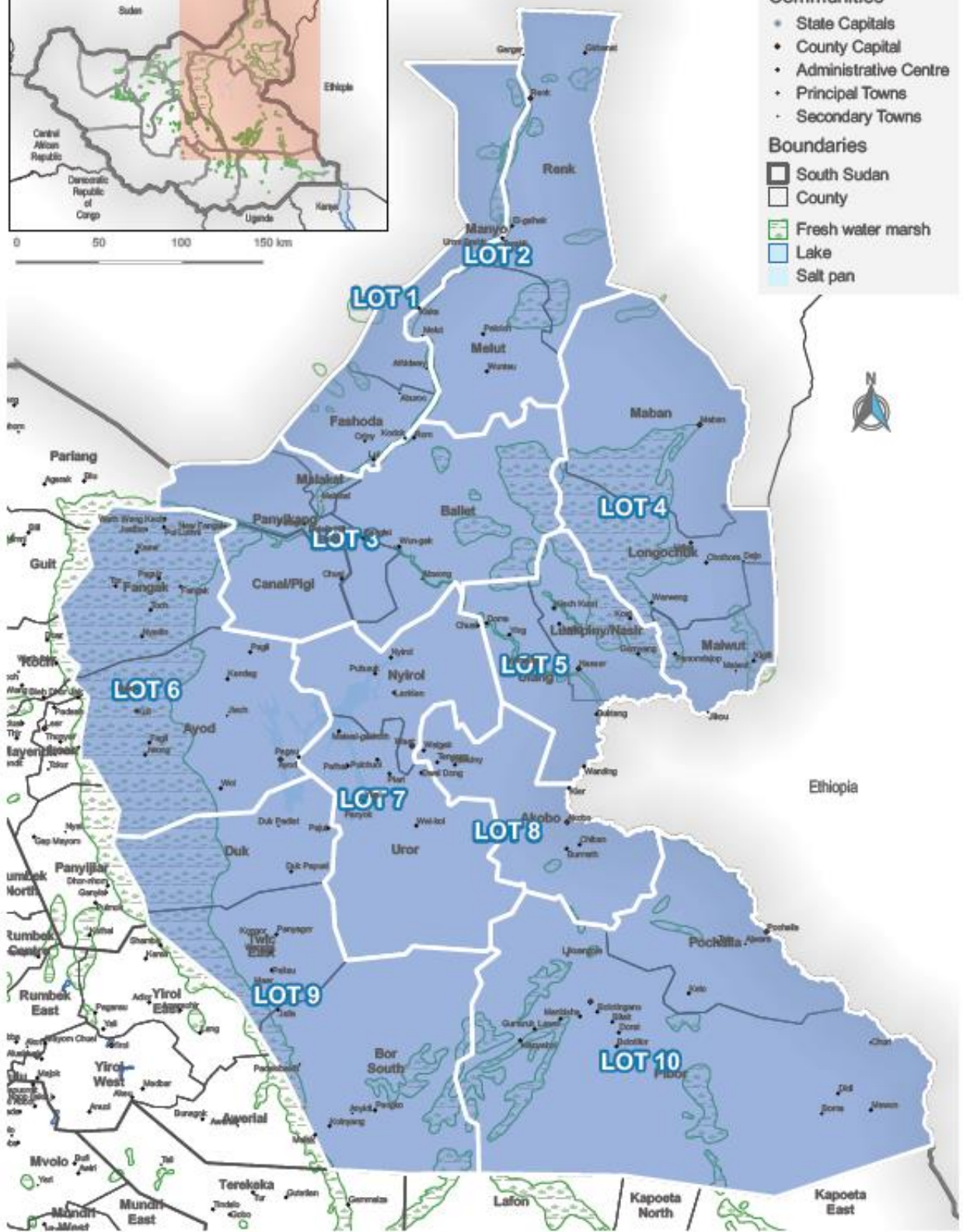
Communities

- State Capitals
- County Capital
- Administrative Centre
- Principal Towns
- Secondary Towns

Boundaries

- ▭ South Sudan
- ▭ County

- Fresh water marsh
- Lake
- Salt pan



The boundaries and names shown and the designations used on this map do not imply official endorsement or acceptance by the United Nations. /  
 Final boundary between the Republic of South Sudan and Republic of Sudan has not yet been determined. Final status of Abyei area is not yet determined.