

Coordination Saves Lives

| Requesting Organization :        | MEDAIR   |  |   |
|----------------------------------|--|--|---|
| Allocation Type :                | 2nd Round Standard Allocation  |  |   |
| Primary Cluster                  | Sub Cluster  |  | Percentage  |
| WATER, SANITATION AND<br>HYGIENE |  |  | 100.00  |
|                                  |  |  | 100   |
| Project Title :                  | Increased access to safe water<br>vulnerable communities in South  |  | d hygiene practices for conflict affected and   |
| Allocation Type Category :       | Frontline services   |  |   |
| OPS Details                      |  |  |   |
| Project Code :                   | SSD-16/WS/89511  | Fund Project Code :  | SSD-16/HSS10/SA2/WASH/INGO/3622   |
| Cluster :                        | Water, Sanitation and Hygiene (WASH)   | Project Budget in US\$ :   | 100,044.43  |
| Planned project duration :       | 6 months   | Priority:  | 2   |
| Planned Start Date :             | 01/09/2016   | Planned End Date :   | 28/02/2017  |
| Actual Start Date:               | 01/09/2016   | Actual End Date:   | 28/02/2017  |
| Project Summary :                | access to safe water, sanitation<br>populations in South Sudan.<br>Medair has established static m<br>to deliver life-saving services in<br>WASH services to the affected p<br>programmes addressing the hig<br>This project will ensure the cont<br>water treatment systems. In add<br>boreholes, construction of prote<br>systems to highly vulnerable po<br>specifically targeting areas with<br>improve community acceptance<br>contribution towards constructio | and improved hygiene prac<br>ulti-sectoral programmes in<br>these challenging locations<br>populations and also comple<br>h rates of malnutrition in the<br>inued access to safe water<br>dition, safe water will be pro-<br>cted hand dug wells, and pr<br>pulations. Access to latrines<br>high risk of disease outbrea<br>and maintenance, using lo<br>n. In parallel to the water ar<br>household level through ex | in Renk through operation of two surface<br>vided in Leer through rehabilitation of<br>rovision of household water treatment<br>s will be improved in Renk and Leer,<br>ak. Shared latrines will be constructed to<br>cally-available materials with community<br>nd sanitation interventions, positive hygiene<br>kisting behaviour change communication |

## Direct beneficiaries :

| Men                      | Women | Boys    | Girls |       | Total  |
|--------------------------|-------|---------|-------|-------|--------|
| 1,967                    | 3,933 | 1,800   |       | 2,300 | 10,000 |
| Other Beneficiaries :    |       |         |       |       |        |
| Beneficiary name         | Мен   | n Women | Boys  | Girls | Total  |
| Indirect Beneficiaries : |       |         |       |       |        |
|                          |       |         |       |       |        |

# Catchment Population:

Beneficiaries comprise internally displaced people living in settlements in Renk County. In Leer County, beneficiary populations have experienced multiple displacements, however, people are largely living within mixed host areas. The proportion of children under 5 is estimated at 21%. There are more women likely reached through this project due to the nature of the activities (e.g. Care Group Model) and the breakdown of men:women:boys:girls is based on previous project data.

## Link with allocation strategy :

This project contributes to addressing chronic emergency WASH needs in the prioritized Upper Nile Region by providing life-saving activities including water treatment systems, borehole repair, latrine construction in high-risk vulnerable communities, and hygiene training. The populations in Leer and Renk counties have experienced multiple shocks and displacements resulting in significant WASH needs. The proposed project targets locations with high malnutrition rates where Medair provides health and nutrition services so that the WASH interventions will strengthen and complement the existing programmes.

## Sub-Grants to Implementing Partners :

| <u></u>  |              |   |                      |            |  |  |  |  |  |
|--|--------------|---|----------------------|------------|--|--|--|--|--|
| Partner Name   | Partner Type | e | Budget in US\$       |            |  |  |  |  |  |
|  |              |   |                      |            |  |  |  |  |  |
|  |              |   |                      |            |  |  |  |  |  |
| Other funding secured for the same project (to date) : |              |   |                      |            |  |  |  |  |  |
| Other Funding Source                                   |              |   | Other Funding Amount |            |  |  |  |  |  |
| OFDA   |              |   |                      | 374,192.00 |  |  |  |  |  |
|  |              |   |                      | 374,192.00 |  |  |  |  |  |
|  |              |   |                      |            |  |  |  |  |  |

## Organization focal point :

| Name            | Title                        | Email                         | Phone           |
|-----------------|------------------------------|-------------------------------|-----------------|
| Anne Reitsema   | Country Director             | cd-southsudan@medair.org      | +211 924 143746 |
| Caroline Boyd   | Head of Country<br>Programme | caroline.boyd@medair.org      | +41 21 694 8475 |
| Shannon Holding | WASH Advisor                 | washadvisor-sds@medair.org    | +211 914 276317 |
| Louise Damant   | Programme Funding<br>Manager | funding-southsudan@medair.org | +211 927 058148 |

#### BACKGROUND

#### 1. Humanitarian context analysis

Following the outbreak of violence in Juba in July, 2016, the August 2015 peace agreement and the future of the Transitional Government of National Unity are uncertain, with conflict reignited across the Equatorias and Greater Upper Nile. The latest outbreak of fighting combined with inflation rates of more than 600% and deteriorating food security have contributed to a worsening humanitarian situation in South Sudan. Unpredictable population movements and access constraints have impacted project activities and Medair continues to monitor the security situation closely. Recent estimates indicate that over 1.6 million people are currently internally displaced, a figure that almost doubled in 2015 with the number increasing every day. A total of 6.1 million people are estimated to be in need of humanitarian assistance across the country (HRP, Jan 2016).

Due to its strategic positioning, Renk County has become host to a large number of IDP's fleeing the insecurity in surrounding counties and seeking safety at the Sudanese border. Security in Renk County was more stable than has been seen in previous periods, although there have been incidents of insecurity near Jelhak in October 2015 (resulting in relocation of Medair's team) and more recently in early 2016. Additionally, in March 2016, Babaniz, Atam and Shamidi experienced reported aerial bombardment, causing the displacement of over 5,000 people into Renk town, and the surrounding villages. Key potential flash points remain to be monitored closely over the coming period. Population numbers in Renk continue to fluctuate alongside depleting coping mechanisms within Renk and the surrounding counties. With the economic situation declining, prices in the market remain high, further reducing the affordability of food for many and contributing towards malnutrition rates which are currently more than double the emergency threshold.

Leer County has experienced recurrent conflict from February 2014 onwards with a significant period of conflict from May to November 2015. Heavy fighting resulted in mass displacement, destruction of homes, infrastructure and livelihoods, significant trauma and many lives lost. Although populations were seen to be returning to the county in 2016 due to relative improvements in security, there were still many that remained in hiding or outside the county. Another outbreak of intense conflict began in early July 2016 and as a result, mass population displacement has occurred again with likely significant damage to infrastructure. As people are currently not able to tend to their fields, there is likely to be a negative impact on food security in the coming months.

#### 2. Needs assessment

Due to the fluid context and population movements, there are ongoing WASH needs in Renk and Leer counties.

Medair is the sole WASH service provider in Renk, where according to the most recent KPC survey only 41% of people practiced safe water storage and had stored drinking water free of fecal coliform. Inadequate disposal of human feaces is a problem affecting the majority of communities in South Sudan leading to the spread of disease-causing organisms. On average, only 17% of people in Renk have access to a latrine within 50m of their home. Crowded conditions and widespread open defecation represent significant health risks. As is often the case, hygiene knowledge is reported to be higher than practice, where although 87% of KPC survey respondents could cite at least 3 of 5 critical hand-washing times, only 28% of households were observed to have an operational hand-washing facility. Poor WASH access and practices directly contribute towards the alarming malnutrition rates in Renk County.

The significant conflict that occurred in Leer County through 2015 (similar to that occurring presently), left many people displaced and with very limited access to WASH services. Lack of access to water, combined with a lack of sanitation facilities and poor hygiene behaviour is contributing to high rates of morbidity and mortality among the target population. Recent KPC baseline data indicated a considerable reduction in all WASH indicators as compared to early 2015. A 20-45% reduction was reported for most indicators such as access to safe water, hand washing facilities, latrine usage, and hygiene knowledge and practices. The situation is likely to deteriorate once again with the current conflict ongoing. Many people have fled to the islands around Adok and Thonyor, and as conflict continues particularly in the southern part of Leer County, it is likely that the population on the islands will continue to increase. The water levels in the swamp are higher than normal this year which has resulted in limited land space available on the smaller islands and high congestion. Additionally, there are no safe water sources or sanitation facilities on the islands presenting a significant risk of disease outbreak and illness.

#### 3. Description Of Beneficiaries

Women, men, girls and boys affected by the conflict in Renk and Leer counties will be the beneficiaries of this project. The current situation across Upper Nile and Unity states remains extremely volatile with ongoing tensions and frequent outbreaks of violence. As a result, unpredictable population movement continues to take place. It is difficult to specify which people in Renk and Leer are now displaced as most have been on the run in the past two years; the entire population has suffered multiple shocks and continues to be severely conflict affected. The population in the target communities in Renk County is estimated at 1,710 in Wonthow, 725 in Payuer, and 4,750 in Abayok. Due to the context in Leer, it is difficult to obtain accurate population numbers but recent estimates suggest a total population of approximately 40,000 in the county.

### 4. Grant Request Justification

Medair has been providing multi-sectoral relief in South Sudan since 1992. Emergency health, nutrition and WASH programmes have been serving the needs in Renk County since 2011, where Medair is providing the sole WASH services. Medair has provided programming in Leer County since early 2015. Despite two evacuations and the destruction of two bases, the programme continues to provide critical nutrition and WASH services to the affected population. Medair has a proven ability to deliver life-saving services in challenging situations with high insecurity and access constraints.

Medair coordinates with authorities and organizations at the local, state, and national level to ensure that needs of the beneficiaries are correctly prioritized, gaps are identified and that different activities complement one another. Recent needs assessments have been carried out in coordination with local authorities and other NGOs present on the ground, and results shared with all relevant stakeholders. Medair also meets regularly with the relevant government water departments. At a national level, Medair is part of the Humanitarian Response Plan (HRP) in South Sudan and participates regularly in the WASH Cluster, sharing information with partners including: urgent needs in the field; programme strategies; and, development and integration of programme methodologies. Additionally Medair participates at Juba level Emergency Preparedness and Response (EP&R) meetings, recognizing the value of cooperating with other NGOs in order to effectively serve the people of South Sudan.

Medair's WASH programmes in Renk and Leer counties are co-funded through OFDA. This CHF allocation will enable Medair to respond to the life-saving needs of the affected population with activities that are not wholly supported by OFDA and where a flexible response will be required to meet the new needs arising.

#### 5. Complementarity

This project allows Medair to address life-saving WASH needs for the affected population as part of a multi-sectoral response. The WASH interventions of this project will serve to strengthen and complement Medair's existing nutrition interventions in a coordinated response to counteract the high incidences of malnutrition seen in both Leer and Renk counties. The project activities aim to improve WASH services for the whole community to reduce morbidity and mortality due to water-related diseases and therefore do not have a specific focus on the individual households enrolled in the nutrition programme. However, targeted health and hygiene messaging will be provided to those attending the nutrition clinics.

## LOGICAL FRAMEWORK

## **Overall project objective**

To reduce morbidity and mortality resulting from waterborne diseases by increasing access to safe water, sanitation and better hygiene practices among the affected population in South Sudan.

| WATER, SANITATION AND HYGIENE   |   |                          |
|---|---|--------------------------|
| Cluster objectives  | Strategic Response Plan (SRP) objectives  | Percentage of activities |
| CO1: Affected populations have timely<br>access to safe and sufficient quantity of<br>water for drinking, domestic use and hygiene<br>(SPHERE)      | HRP 2016 SO1: Save lives and alleviate<br>suffering through safe access to services and<br>resources with dignity | 35                       |
| CO2: Affected populations are enabled to<br>practice safe excreta disposal with dignity in<br>a secure environment                                  | HRP 2016 SO1: Save lives and alleviate<br>suffering through safe access to services and<br>resources with dignity | 45                       |
| CO3: Affected populations have knowledge<br>and appropriate behaviors to prevent and<br>mitigate WASH related diseases and practice<br>good hygiene | HRP 2016 SO1: Save lives and alleviate<br>suffering through safe access to services and<br>resources with dignity | 20                       |

<u>Contribution to Cluster/Sector Objectives :</u> Objective 1: This project will contribute to Objective 1 by providing timely access to safe water for the affected population by rehabilitation of boreholes, provision of household water treatment systems, and the installation of appropriate water systems which could include, but are not limited to, surface water treatment systems and hand dug wells.

Objective 2: This project will contribute to Objective 2 by ensuring the affected populations are enabled to practice safe excreta disposal by construction of latrines, particularly where there is a high risk of disease outbreak.

Objective 3: This project will contribute to Objective 3 by promoting improved hygiene practices in conjunction with water and sanitation provision to the affected population. Behaviour change communication will be provided for positive hygiene behaviours, focusing on key messages, such as safe water storage and washing hands at critical times.

## Outcome 1

Increased access to life-saving WASH services including sufficient quantities of safe water, appropriate sanitation facilities, and hygiene knowledge and practice

# Output 1.1

# Description

Affected population provided with enough safe water for drinking, cooking and washing.

#### Assumptions & Risks

Locations planned for intervention are accessible and secure enough for Medair to operate and for beneficiaries to be present. Local leaders and authorities agree to Medair carrying out the planned activities. Medair retain or employ sufficient skilled WASH personnel. No very significant price increases.

### Activities

#### Activity 1.1.1

Improve access to safe water through rehabilitation of 6 boreholes, construction of 2 hand dug wells, and operation of 2 surface water treatment systems

## Activity 1.1.2

Distribute 200 household water treatment filters, alongside hygiene training programme to population that are in hiding or in transit

# Indicators

|                 |                                  |  | End   | cycle ber | neficiar  | ies       | End<br>cycle |
|-----------------|----------------------------------|--|-------|-----------|-----------|-----------|--------------|
| Code            | Cluster                          | Indicator  | Men   | Women     | Boys      | Girls     | Target       |
| Indicator 1.1.1 | WATER, SANITATION<br>AND HYGIENE | Frontline # Number of emergency affected people<br>with access to improved water sources | 1,967 | 3,933     | 1,80<br>0 | 2,30<br>0 | 10,000       |
| Means of Verif  | ication : Water point repair an  | nd construction records; Distribution records  |       |           |           |           |              |
| Indicator 1.1.2 | WATER, SANITATION<br>AND HYGIENE | Frontline # of water points/boreholes rehabilitated                                      |       |           |           |           | 6            |
| Means of Verif  | ication : Repair records         |  |       |           |           |           |              |
| Indicator 1.1.3 | WATER, SANITATION<br>AND HYGIENE | Frontline # of new hand pumps/boreholes constructed                                      |       |           |           |           | 2            |
| Means of Verif  | ication : Construction records   | 3  |       |           |           |           |              |
| Indicator 1.1.4 | WATER, SANITATION<br>AND HYGIENE | Number of household water filters distributed  |       |           |           |           | 200          |
| Means of Verif  | ication : Distribution records   | ·  |       |           |           |           |              |
| Indicator 1.1.5 | WATER, SANITATION<br>AND HYGIENE | Number of surface water treatment systems (SWATs) operated                               |       |           |           |           | 2            |
| Means of Verif  | ication : Operation records      |  |       |           |           |           |              |
| Output 1.2      |                                  |  |       |           |           |           |              |
| Description     |                                  |  |       |           |           |           |              |

## Description

Affected population are provided with increased access to latrines

#### Assumptions & Risks

Locations planned for intervention are accessible and secure enough for Medair to operate and for beneficiaries to be present. Local leaders and authorities agree to Medair carrying out the planned activities. Medair retain or employ sufficient skilled WASH personnel. No very significant price increases.

## Activities

#### Activity 1.2.1

Construct 220 shared latrines using locally-available materials and community contributions (140 in Leer and 80 in Renk)

#### Indicators

|                 |                                  |   | End | End cycle beneficiaries |      |           |        |
|-----------------|----------------------------------|---|-----|-------------------------|------|-----------|--------|
| Code            | Cluster                          | Indicator   | Men | Women                   | Boys | Girls     | Target |
| Indicator 1.2.1 | WATER, SANITATION<br>AND HYGIENE | Frontline # of emergency affected people enabled to safely dispose of excreta in an emergency setting | 865 | 1,731                   | 792  | 1,01<br>2 | 4,400  |
| Means of Verif  | ication : Construction records   | 3   |     |                         |      |           |        |
| Indicator 1.2.2 | WATER, SANITATION<br>AND HYGIENE | Frontline # of new latrines constructed   |     |                         |      |           | 220    |
| Means of Verif  | ication : Construction records   | 3   |     |                         |      |           |        |
| Output 1.3      |                                  |   |     |                         |      |           |        |
| Description     |                                  |   |     |                         |      |           |        |
| Hygiene behavi  | iour change communication pr     | ovided to affected population.  |     |                         |      |           |        |
| Assumptions &   | & Risks                          |   |     |                         |      |           |        |
|                 |                                  |   |     |                         |      |           |        |

Locations planned for intervention are accessible and secure enough for Medair to operate and for beneficiaries to be present. Local leaders and authorities agree to Medair carrying out the planned activities. Medair retain or employ sufficient skilled WASH personnel. No very significant price increases.

#### Activities

## Activity 1.3.1

Basic hygiene and safe water chain messaging are provided at household level through peer-based behaviour change communication networks (e.g. Care Group).

#### Activity 1.3.2

## Activity 1.3.3

Collect ongoing monitoring data, as well as KPC survey to evaluate project activities

### Indicators

|                 |                                  |  | End   |       |      |       |        |  |
|-----------------|----------------------------------|--|-------|-------|------|-------|--------|--|
| Code            | Cluster                          | Indicator  | Men   | Women | Boys | Girls | Target |  |
| Indicator 1.3.1 | WATER, SANITATION<br>AND HYGIENE | Frontline # of emergency affected people<br>equipped to practice good hygiene behaviors<br>through participatory hygiene promotion | 1,000 | 7,000 | 0    | 0     | 8,000  |  |
| Means of Verif  | ication : Hygiene promoter a     | nd Care Group tally records  |       |       |      |       |        |  |
| Indicator 1.3.2 | WATER, SANITATION<br>AND HYGIENE | Number of Care Groups supported to provide<br>behaviour change communication   |       |       |      |       | 14     |  |
| Means of Verif  | ication : Training and tally sh  | eets   |       |       |      |       |        |  |
| Indicator 1.3.3 | WATER, SANITATION<br>AND HYGIENE | Frontline # of community based hygiene<br>promoters trained  | 0     | 840   |      |       | 840    |  |
| Means of Verif  | ication : Training records and   | d tally sheets   |       |       |      |       |        |  |
| Additional Tar  | gets :                           |  |       |       |      |       |        |  |

## M & R

# Monitoring & Reporting plan

A monitoring and evaluation plan is in place which defines the means of verification for each indicator, including the following parameters: data sources, data collection methods and frequency, reporting formats and frequency, and the responsible parties for data collection, reporting and analysis. Reporting of these data generally occur on a weekly or monthly basis, depending on the data source. The monitoring and evaluation plan is developed at the beginning of the project, with the primary responsibility led by the WASH project managers and regular follow-up provided by the WASH Advisor. Moreover, a monthly internal report is submitted from field level with an update on all indicators and targets to evaluate the progress of the project. The reports include a brief description of key activities, an outline of plans for the following month, as well as challenges and mitigation strategies. The reports are used to monitor and highlight indicators with schedule, cost or quality concerns. WASH project managers are responsible for the implementation of the projects and projects coordinators are responsible for ensuring objectives are met within the required time frame and budget. The WASH Advisor provides technical guidance to the project managers and is responsible for ensuring the quality of the implemented WASH projects.

#### Workplan

| Activitydescription  | Year | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 1 |
|--|------|---|---|---|---|---|---|---|---|---|----|----|---|
| Activity 1.1.1: Improve access to safe water through rehabilitation of 6 boreholes, construction of 2 hand dug wells, and operation of 2 surface water treatment | 2016 |   |   |   |   |   |   |   |   | Х | Х  | Х  | Х |
| systems  |      | Х | Х |   |   |   |   |   |   |   |    |    |   |
| Activity 1.1.2: Distribute 200 household water treatment filters, alongside hygiene<br>raining programme to population that are in hiding or in transit          | 2016 |   |   |   |   |   |   |   |   | х | х  | х  | Х |
|  | 2017 | Х | Х |   |   |   |   |   |   |   |    |    | Γ |
| Activity 1.2.1: Construct 220 shared latrines using locally-available materials and community contributions (140 in Leer and 80 in Renk)                         | 2016 |   |   |   |   |   |   |   |   | х | Х  | х  | Х |
|  | 2017 | Х | Х |   |   |   |   |   |   |   |    |    | Γ |
| Activity 1.3.1: Basic hygiene and safe water chain messaging are provided at household level through peer-based behaviour change communication networks          | 2016 |   |   |   |   |   |   |   |   | х | х  | х  | Х |
| (e.g. Care Group).   | 2017 | Х | Х |   |   |   |   |   |   |   |    |    | Γ |
| Activity 1.3.2: Training of 840 volunteers/lead mothers for Care Groups  | 2016 |   |   |   |   |   |   |   |   | х | х  | х  | Х |
|  | 2017 | Х | Х |   |   |   |   |   |   |   |    |    | Γ |
| Activity 1.3.3: Collect ongoing monitoring data, as well as KPC survey to evaluate project activities  | 2016 |   |   |   |   |   |   |   |   | х |    |    |   |
|  | 2017 |   |   |   |   |   |   |   |   |   |    |    | Γ |
| OTHER INFO   |      |   |   |   |   |   |   |   |   |   |    |    |   |
| Accountability to Affected Populations   |      |   |   |   |   |   |   |   |   |   |    |    |   |

Medair adheres to the Core Humanitarian Standards, and as a member of Humanitarian Accountability Partnership International (HAP-I), seeks to provide public information to the beneficiaries about the programmes provided through local government, community outreach and WASH promotion activities. Medair consults with local authorities, community leaders, and Rural Water Departments regarding decisions to commence, adapt or complete programmes. The proposed project was developed through needs assessments including key informant interviews and focus group discussions with representation of women, youth and the elderly. Additional discussions and consultation with the communities will occur before the project activities are initiated to ensure the activities are acceptable to the community members. A feedback mechanisms is established through the static programmes, where complaints and concerns are taken seriously and adjustments made to the programmes as necessary. Every staff member working with Medair in South Sudan gets an orientation on (and signs) the Code of Conduct, together with a "Summary of Minimum Standards for the Protection of Women and Children Against Sexual Abuse and Exploitation" which form part of the National and International Staff Guidelines. Medair also enforces Fraud and Misconduct Notification Guidelines.

#### Implementation Plan

Medair will directly implement the proposed project activities to adhere to best practices and Sphere standards. Special attention will be given to working together with community members to build local capacity and to promote a level of sustainability following implementation.

Two surface water treatment systems will be operated and maintained to provide treated water to the affected population in Renk. Local community members are provided ongoing training in system operation and water quality testing. Assessment and repair of hand pumps will occur in Leer, particularly at locations that may have been damaged during the recent conflict. Construction of new water sources will be prioritized for areas within the nutrition programme coverage and will include construction of protected hand dug wells outfitted with hand pumps. The hand dug wells will be installed with a filter pack and backfilled to protect against potential contamination risks. Household water treatment filters will be provided to households recently displaced and in mobile settings, such as on the islands. The filters will be provided in small groups of 10-20, following a basic hygiene training programme including the benefits of safe water and key hygiene behaviours. Follow-up monitoring will be conducted by Medair staff, as well as community ambassadors who will provide refresher training to households on filter use and maintenance.

Latrines will be constructed using a design previously tested in Medair's programmes that relies largely on locally-available materials. The latrines are maintained and managed by a group of households, targeting a ratio of 1:30 people. The latrine users provide the labour for digging, superstructure construction, and grass material for the walls (when available). Medair provides the technical oversight and design, as well as the remaining materials. The latrine programme will be initiated by community consultations and will coordinate with ongoing hygiene training on the benefits of latrine use and prevention of fecal-oral contamination routes.

Hygiene messaging will be provided primarily through networks of peer-to-peer sharing, such as Care Groups. This approach has been demonstrated to significantly improve hygiene behaviours, not only hygiene knowledge as can be the case with traditional hygiene promotion methods. Basic hygiene messages are shared with women at the household level such as safe water benefits and handling, hand-washing practices, latrine use and maintenance, fecal-oral contamination and its prevention, and general personal and household hygiene. Additional messaging will occur through community hygiene promoters where behaviour change communication networks are not yet established. These messages will target the community level and include activities and participation with women, men, boys and girls.

#### Coordination with other Organizations in project area

| Name of the organization   | Areas/activities of collaboration and rationale  |
|--|--|
| Ministry of Water Resources and Irrigation / Director of Rural Water Supply and Sanitation | Communication of overall approach as necessary   |
| RRC / RRA, County and State Level Governance and WASH authorities                          | Communication of project objectives and activities, clarified expectations and MOU's, feedback and coordination  |
| INGOs, NNGOs, UN   | Regular communication to avoid duplication, ensure complementary activity methodologies, and to seek partnerships particularly with longer term programmes |
| WASH Cluster   | Actively participate in and attend WASH Cluster meetings, strategic advisory group (SAG), and technical working groups (TWG)                               |

# Environment Marker Of The Project

### Gender Marker Of The Project

2a-The project is designed to contribute significantly to gender equality

# Justify Chosen Gender Marker Code

Medair mainstreams gender into WASH programming by assessing gender-specific needs and identifying appropriate responses to address the particular concerns of women, men, girls and boys during the assessment of WASH needs in the project locations. An emphasis is placed on female only focus group discussions to ascertain specific concerns of women and girls, who bear the primary responsibility for water provision and hygiene behaviour within the household. The focus group discussions aimed to collect information about the perceived risks in accessing WASH services in order to identify solutions to mitigate these risks. In addition, gender-specific discussions were held to evaluate hygiene knowledge and practice, as well as to assess potential barriers to positive hygiene behaviours. Latrine location will be determined in consultation with each user group with particular attention to women and girls.

## Protection Mainstreaming

Protection concerns are evaluated at all stages of the project to identify and address potential issues affecting safe and equitable access to WASH services. Medair seeks out gender-specific concerns through community consultations and gender-segregated focus group discussions to determine protection concerns and risks associated with the siting of any WASH services. Particular attention is given to women and girls, as well as vulnerable population groups such as the elderly and disabled. During implementation, Medair establishes feedback mechanisms to promote beneficiary accountability. Upon completion of a project, Medair aims to assess whether protection concerns identified during project design were addressed. Some examples of how protection issues will be addressed in this project include: 1) decentralized meetings, distributions and activities to limit beneficiary travel; 2) assessment of WASH infrastructure locations for perceived and potential risks including access routes through insecure areas and constraints posed by seasonal changes and day/night conditions; 3) provision of safe water points within the community to eliminate women and girls travelling to remote and/or secluded areas for water collection (e.g. river banks); 4) increased flow rate at tapstands and increased number of safe water points to reduce queue times 4) siting of latrines within 50 meters of homes, particularly for vulnerable households, to improve access to facilities and limit exposure risks; 5) sensitizing Medair's WASH field staff on protection issues; 6) providing gender-appropriate behaviour change communication through female-only environments; and 7) discreet service provision to populations in hiding to reduce the potential for looting or attack.

## **Country Specific Information**

#### Safety and Security

| 1.0  |             |  |  |  |
|------|-------------|--|--|--|
| ACCP | <u>cess</u> |  |  |  |

## BUDGET

| Code     | Budget Line Description   | D/S | Quantity | Unit<br>cost  | Duration<br>Recurran<br>ce | %<br>charged<br>to CHF | Total Cost |
|----------|---|-----|----------|---------------|----------------------------|------------------------|------------|
| Staff an | d Other Personnel Costs   |     |          |               |                            |                        |            |
| 1.1      | Programme Nat. staff : 19 staff (2 Care Group Assistant, Care<br>Group Officer, Hygiene Promotion Officer, 2 Inventory Control<br>Officer, IYCF Officer, 4 Security Guard - Warehouse, Senior<br>WASH Technician, Sr. Care Group Officer, Wash Community<br>Liaison Officer, WASH Field Logisitician / Driver, WASH<br>Logistician, WASH Manager, 2 Wash Technician   | D   | 19       | 1,403<br>.10  |                            | 7.60                   | 12,156.46  |
|          |   |     |          |               |                            |                        |            |
| 1.2      | Programme Int. staff: 6 staff : (1 Project Manager, 2<br>Warehouse Manager, 2 WASH Advisor, 1 WASH Project<br>Manager)  | D   | 6        | 5,511<br>.16  | 6                          | 7.60                   | 15,078.53  |
|          |   |     |          |               |                            |                        |            |
| 1.3      | Support base Nat. staff: 26 staff-all allocated as a % to the<br>project (2 Finance Officer, 1 Flights Officer, 1 Fleet Manager, 1<br>Security Guard - Base, 1 Senior Finance Officer, 1 Senior<br>Payroll Officer, 1 Facilities Officer, 1 Driver/Logistics Assistant,<br>4 Driver, 1 Lead Driver, 2 Procurement Officer, 1 Procurement<br>Assistant, 2 Senior HR Officer, 1 IT Officer, 1 Security Guard -<br>WJ Base, 1 Project Support Manager, 1 Admin & HR Officer, 2<br>Logisitics Officer, 1 Logisitics Assistant | S   | 26       | 3,903<br>.21  | 6                          | 0.88                   | 5,358.33   |
|          |   |     |          |               |                            |                        |            |
| 1.4      | Support base Int. staff: 10 staff (1 Country Director, 1 Deputy<br>Country Director - Programme, 1 Programme Support<br>Manager, 1 Finance Manager, 1 Human Resources Manager,<br>2 Logistics Manager, 1 Communications Officer, 1 ICT Officer,<br>1 Transport manager  | S   | 10       | 16,08<br>1.59 |                            | 0.88                   | 8,491.08   |
|          |   |     |          |               |                            |                        |            |
|          | Section Total   |     |          |               |                            |                        | 41,084.40  |
| Supplie  | s, Commodities, Materials   |     |          |               |                            |                        |            |
| 2.1      | Wagtech Kits consumables, DPDs, Engine oil for dewatering<br>pump, H2S Test Strips (Well Sampling), Air filter for<br>dewatering pump   | D   | 5        | 77.82         | 6                          | 7.60                   | 177.43     |
|          |   |     |          |               |                            |                        |            |
| 2.2      | Water Filters   | D   | 1        | 1,407<br>.67  | 6                          | 7.60                   | 641.90     |
|          |   |     |          |               |                            |                        |            |
| 2.3      | Construction materials and tools for clinics & Latrines (timber, cement, bamboo, poles, tarpaulins, hand washing station, pipes)  | D   | 7        | 1,679<br>.58  |                            | 30.00                  | 21,162.71  |

| 2.4    | Fuel and Equipment  | D | 1         | 3,418<br>.67  | 6 | 7.60 | 1,558.91 |
|--------|---|---|-----------|---------------|---|------|----------|
| 2.5    | Incentives and Casual labour  | D | 2         | 3,964<br>.00  | 6 | 7.60 | 3,615.17 |
|        |   |   |           |               |   |      |          |
| 2.6    | Transport costs for WASH distribution items to the response sites   | D | 1         | 18,79<br>6.17 | 6 | 7.60 | 8,571.05 |
| 2.7    | Training and awareness raising  | D | 2         | 1,264<br>.25  | 6 | 7.60 | 1,153.00 |
|        | Section Total   |   | 36,880.17 |               |   |      |          |
| Equipm | nent  |   |           |               |   |      |          |
| 3.1    | Household, IT, Power, and Communications equipment (e.g laptops and accessories, printers, phones, fridge, stove, washing machine) for the support base | S | 6         | 830.5<br>6    | 6 | 0.88 | 263.12   |
|        | Section Total   |   |           |               |   |      | 263.12   |
| Contra | ctual Services  |   |           |               |   |      | 203.12   |
| 4.1    | Survey and evaluations for the project  | D | 11        | 104.6<br>2    | 6 | 7.60 | 524.77   |
| 4.2    | Translation   | D | 1         | 81.67         | 6 | 7.60 | 37.24    |
|        |   |   |           |               |   |      |          |
| 4.3    | Legal fees for the support base   | S | 3         | 216.6<br>7    | 6 | 0.88 | 34.32    |
|        | Section Total   |   |           |               |   |      | 596.33   |
| Travel |   |   |           |               |   |      |          |
| 5.1    | Ground Travel (taxi to and from airport)  | D | 1         | 53.60         | 6 | 7.60 | 24.44    |
| 5.2    | Ground Travel (taxi for support managers)   |   | 1         | 4,090<br>.00  | 6 | 0.88 | 215.95   |
| 5.3    | Continental flights (for programme staff)   | D | 1         | 5,394<br>.88  | 6 | 7.60 | 2,460.07 |
|        |   |   |           |               |   |      |          |
| 5.4    | Continental flights (for support managers)  | S | 1         | 6,175<br>.00  | 6 | 0.88 | 326.04   |
| 5.5    | Intercontinental flights (home leave for programme staff)   | D | 1         | 893.3<br>3    | 6 | 7.60 | 407.36   |
| 5.6    | Intercontinental flights (home leave for support staff)   | S | 1         | 7,266<br>.67  | 6 | 0.88 | 383.68   |
| 5.7    | Rental of vehicle/boat, including fuel, insurance and   | D | 1         | 1,166         | 6 | 7.60 | 532.00   |
|        | maintenance   |   |           | .67           |   |      |          |
| 5.8    | Rental of vehicle/boat, including fuel, license, insurance, and maintenance   | S | 1         | 22,39<br>7.12 | 6 | 0.88 | 1,182.57 |

|        | Section Total   |   |   |               |   |      | 5,532.11 |
|--------|---|---|---|---------------|---|------|----------|
| Genera | I Operating and Other Direct Costs  |   |   |               |   |      |          |
| 7.1    | Office supplies (cartridges, stationery, paper for the project)   | D | 3 | 3.89          | 6 | 7.60 | 5.32     |
| 7.2    | Office supplies (cartridges, stationery, paper for the supporting staff), Books & subscriptions, Gifts & contributions, Membership fees | S | 8 | 375.5<br>6    | 6 | 0.88 | 158.64   |
| 7.3    | Transport for non-beneficiary goods, conference fees, packaging materials linked to the project   | D | 3 | 2,133<br>.67  | 6 | 7.60 | 2,918.86 |
| 7.4    | Transport for non-beneficiary goods, conference fees, packaging materials linked to support   | S | 3 | 1,488<br>.89  | 6 | 0.88 | 235.84   |
| 7.5    | Communication costs (phone, internet, satellite communications) for the project   | D | 3 | 445.0<br>0    | 6 | 7.60 | 608.76   |
| 7.6    | Communication costs (phone, internet, satellite communications) for the supporting staff  | S | 3 | 3,123<br>.83  | 6 | 0.88 | 494.81   |
| 7.7    | Visibility material for the project   | D | 1 | 716.6<br>7    | 6 | 7.60 | 326.80   |
| 7.8    | Visibility material for the support   | S | 1 | 41.67         | 6 | 0.88 | 2.20     |
| 7.9    | Facility maintenance, and supplies. (Warehouse maintenance, supplies, generators, water for warehouse, warehouse rent)                  | D | 5 | 162.0<br>0    | 6 | 7.60 | 369.36   |
| 7.10   | Facility constuction, maintenance, furniture, utilities, and supplies (Office, house repairs, electrical repairs, gas, electricity)     |   | 5 | 3,543<br>.21  | 6 | 0.88 | 935.41   |
| 7.11   | Office equipment maintenance, security supplies (Warehouse security maintenance, computer/Thuraya repair)                               | D | 4 | 62.50         | 6 | 7.60 | 114.00   |
| 7.12   | Office equipment maintenance, security supplies (locks, batteries, fire alarms, fire extinguishers)                                     | S | 6 | 1,465<br>.00  | 6 | 0.88 | 464.11   |
| 7.13   | Warehouse rent costs for WASH project   | D | 1 | 1,173<br>.33  | 6 | 7.60 | 535.04   |
| 7.14   | Office rent for support   | S | 1 | 37,39<br>0.00 | 6 | 0.88 | 1,974.19 |

| Section Total        | Section Total |            |  |  |
|----------------------|---------------|------------|--|--|
| SubTotal             | 156.00        | 93,499.47  |  |  |
| Direct               |               | 72,979.18  |  |  |
| Support              |               | 20,520.29  |  |  |
| PSC Cost             |               |            |  |  |
| PSC Cost Percent     |               | 7.00       |  |  |
| PSC Amount           |               | 6,544.96   |  |  |
| Total Cost           |               | 100,044.43 |  |  |
| Grand Total CHF Cost |               | 100,044.43 |  |  |

**Project Locations** 

| Location           | Estimated<br>percentage<br>of budget<br>for each<br>location | Estim |       | ber of beneficiaries<br>h location |                      |       | Activity Name  |  |
|--------------------|--|-------|-------|------------------------------------|----------------------|-------|--|--|
|                    |  | Men   | Women | Boys                               | Girls                | Total |  |  |
| Unity -> Leer      | 60   | 1,023 | 2,045 | 936                                | 1,196                | 5,200 | Activity 1.1.1 : Improve access to safe water<br>through rehabilitation of 6 boreholes, construction<br>of 2 hand dug wells, and operation of 2 surface<br>water treatment systems<br>Activity 1.1.2 : Distribute 200 household water<br>treatment filters, alongside hygiene training<br>programme to population that are in hiding or in<br>transit<br>Activity 1.2.1 : Construct 220 shared latrines<br>using locally-available materials and community<br>contributions (140 in Leer and 80 in Renk)<br>Activity 1.3.1 : Basic hygiene and safe water<br>chain messaging are provided at household level<br>through peer-based behaviour change<br>communication networks (e.g. Care Group). |  |
| Upper Nile -> Renk | 40   | 944   | 1,888 | 864                                | 1,104                | 4,800 | Activity 1.1.1 : Improve access to safe water<br>through rehabilitation of 6 boreholes, construction<br>of 2 hand dug wells, and operation of 2 surface<br>water treatment systems<br>Activity 1.2.1 : Construct 220 shared latrines<br>using locally-available materials and community<br>contributions (140 in Leer and 80 in Renk)<br>Activity 1.3.1 : Basic hygiene and safe water<br>chain messaging are provided at household level<br>through peer-based behaviour change<br>communication networks (e.g. Care Group).  |  |
| Documents          |  |       |       |                                    |                      |       |  |  |
| Category Name      |  |       |       | Docur                              | Document Description |       |  |  |