

Requesting Organization :	Islamic Relief Worldwide		
Allocation Type :	1st Round Standard Allocation		
Primary Cluster	Sub Cluster	Percentage	
WATER, SANITATION AND HYGIENE		100.00	
		100	
Project Title :	"Timely Provision of WASH Services to the Conflict Affected Populations of Lainya and Yei Counties in Central Equatoria in South Sudan." WASCAP		
Allocation Type Category :	Frontline services		
OPS Details			
Project Code :	SSD-17/WS/103275	Fund Project Code :	SSD-17/HSS10/SA1/WASH/INGO/5253
Cluster :	Water, Sanitation and Hygiene (WASH)	Project Budget in US\$:	250,000.00
Planned project duration :	6 months	Priority:	
Planned Start Date :	01/04/2017	Planned End Date :	30/09/2017
Actual Start Date:	01/04/2017	Actual End Date:	30/09/2017
Project Summary :	<p>Project Summary: Project Aim: The IRW intervention on "Timely Provision of WASH Services to the Conflict Affected Populations of Lainya and Yei Counties in Central Equatoria in South Sudan." WASCAP aims on tackling effects emanating from conflict and natural calamities through providing emergency WASH and related Non-Food Items (NFIs).</p> <p>Target Groups and beneficiaries: The intervention will link to recovery thus resilience building of the communities mainly through community WASH infrastructure building to assist 12,500 (men 3100, Women 350, Boys 2900 and Girls 3000) direct and indirect beneficiaries in Lainya and Yei Counties affected by conflict that erupted in July 2016. 10,470 people from IDPs (Men 2,650, Women 2550, Boys 2620 and Girls 2650) and 2,030 (Men 450, Women 950, Boys 280 and Girls 350) host communities will be provided with access to safe water as per agreed standards (7.5-15 litres per person per day) of whom the same population of 1,800 people will be provided with access to appropriate sanitation facilities and WASH related NFIs and the target population will benefit from WASH infrastructure as the few existing facilities are already strained. Currently millions of displaced people cannot access basic needs given the volatility situation.</p> <p>Project Target Locations: IRW-SS field staff observations ascertain that the displaced population in Lainya and Yei are at risk of contracting malaria, acute bloody or watery diarrhea and measles. There is an indication of Famine due to scarcity of food; approximately 85% in the affected areas lost their livelihood. IRW-SS supports over 20,000 IDPs in Juba (Mahad and Mangatein) yet the gaps in water and sanitation, Non-food items (NFIs) and medical supplies are evident.</p> <p>IRW-SS will therefore preposition the project intervention in Counties of Yei and Lainya IDPs who are hit hard by the crises to provide water and sanitation services to the affected communities in Yei and Lainya.</p> <p>Mode of Delivery: The response will provide clean water, reduce common diseases, promote community hygiene, and distribute WASH NFIs. This is facilitated through IRW frontline Team who will be fully based in Yei and Lainya to ensure beneficiaries are fully involved in the project in a participatory manner. All project materials will be delivered through procurement or core pipeline support.</p> <p>IRW-SS will continue working in Central Equatoria Yei and Lainya to give water and sanitation services and non-food items in a sustainable manner. Central Equatoria State is experiencing heavy brunt of the civil war. Given this geographical location the state experienced massive displacements and destructions. Any flare up in violence would quickly become catastrophic for children, leading to high levels of mortality.</p> <p>WASH: Access to water in the three states is below the minimum standard of 500 persons per hand pump. WASH cluster data indicates that in CES there are more than twice the SPHERE standard number of persons per hand pump. One borehole serves over 3 villages - and besides drinking water, it also brings disease and ill health. According to IRW-SS assessment of Yei and Lainya Counties, Some pumps are corroded and produce brownish water that smells and they believe they will get stomach diseases if they drink from it. Typhoid, acute diarrhea and respiratory infections have all increased this year because of the dirty water from the pump and the untreated ponds which are contaminated. With the current displacements in Yei and Lainya due to civil war the population is increasing and so the existing water source is already overstretched and over used by communities. Shortage of water also affect women as they have to walk a long distance in quest of water and exposed to risk of abuses, girls will have to spend longer hours at the water source which deprives them of school. State government in these areas insists that the population needs more boreholes. Over 80% of households.</p>		

Direct beneficiaries :

Men	Women	Boys	Girls	Total
3,100	3,500	2,900	3,000	12,500

Other Beneficiaries :

Beneficiary name	Men	Women	Boys	Girls	Total
Internally Displaced People	2,650	2,550	2,620	2,650	10,470
People in Host Communities	450	950	280	350	2,030
Internally Displaced People	0	0	0	0	0
People in Host Communities	0	0	0	0	0
Trainers, Promoters, Caretakers, committee members, etc.	0	0	0	0	0
Children under 5	0	0	0	0	0

Indirect Beneficiaries :

2030 females and males

Catchment Population:

Yei and Lainya Counties of Central Equatoria State

Link with allocation strategy :

Cluster objective 1, 2 and 3.

IRW intends to restore access to water and sanitation through local community participation for the underserved and crises affected IDPs, learning and health institutions in Yei and Lainya. IRW will achieve this through major rehabilitation of collapsed / defunct wells with hand pumps through well development, reconstruction of the platform and replacement of the hand pumps. Resiliency will be ensured through building capacities of WMCs in Yei and Lainya - county department of water and sanitation.

IDP sites and health facilities that do not have water supply and sanitation facilities will be targeted with new drilled boreholes.

To ensure proper use, maintenance and care for the water points, IRW will form water management committees who will be elected by the water users in each of the sites. The committees will be trained using the standard manual and completed water points will be handed over to the committees on behalf of the water users. IRW will in turn use these committees as agent of peace in the affected communities.

Specific session on peace building will be introduced in the curriculum.

To strengthen the O&M, IRW will initially target to ensure that there is at least 3 hand pump mechanics for 1 borehole and that the hand pump caretakers within the water management committees are oriented to properly carryout the routine / daily checks of hand pumps. Each caretaker will be equipped with the essential tool pieces for their work while the hand pump mechanics will be fully equipped with complete India Mark II tool kit. IRW will target 34 hand pump mechanics and 50 caretakers in this intervention. Women will be highly encouraged to take up the position of the hand pump caretakers due to their frequent visit to water points and guaranteed presence in the village.

Hygiene messages that are culturally tailored to South Sudanese context will be disseminated to all the beneficiaries through the water management committees, discussion and using print media.

IRW EP&R in CES; - To carry out efficient EP&R strategy efficiently and effectively in south Sudan and especially in regard to the current emergency due to the civil unrest, IRW South Sudan has fostered collaborations, partnerships, integration, and resource leveraging with all its partners worldwide such as Islamic Relief USA, and Canada to increase staff expertise. Already a number of pledges have come up. Currently the headquarters has seconded 2 additional staff to its South Sudan program to scale up its operations and provide strategic direction to support WASH public health preparedness and response efforts. They will manage preparedness and emergency response programs and platforms for emergency response operations—including the Emergency Operations Center (EOC), the Strategic Stockpile. Local committees on the ground will be trained on DRR and equipped with response tools. All IRW staff and available CES WASH staff will be provided with program support, technical assistance, guidance and fiscal oversight so as to be able to coordinate and execute preparedness and response activities.

Sub-Grants to Implementing Partners :

Partner Name	Partner Type	Budget in US\$
IRW	International NGO	250,000.00
		250,000.00

Other funding secured for the same project (to date) :

Other Funding Source	Other Funding Amount

Organization focal point :

Name	Title	Email	Phone
Aliow Mohamed	Head of Mission	Aliow.Mohamed@irworldwide.org	+211954910013
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BACKGROUND

1. Humanitarian context analysis

The July 2016 Crisis in Juba that escalated to Lainya and the whole of Yei River State resulted in massive displacement of population and destruction of properties. An inter-agency rapid needs assessment was then organized and conducted in Lainya County led by UNOCHA. The objectives of the assessment are; to assess the population displacement, identify the current level of access to clean water, improved sanitation and hygiene practices and identify key gaps in WASH services in Lainya and its surroundings and make recommendations to meet pressing needs and gaps and the way forward.

Water facilities (mainly boreholes) are available in the abandoned areas (locations where people settled before the crisis /trading center) the team visited. However, the availability of water in the locations where people are displaced is challenging as the available water sources are said to be seasonal streams and ponds with very low yield.

Sanitation situation where people are currently settling is characterized by open defecation in the surrounding bushes due to the lack of sanitary facilities and there is no solid waste management mechanism in place.

85% percent of the assessed population is aware of basic hygiene promotion practices but most of the households and individuals are limited by the lack of hygiene kits and WASH NFIs and women and girls lack access to dignity kits and they are using old clothes during their menstrual periods.

Hygiene:

- Diarrheal cases have been reported due to open defecation.
- The displaced populations cannot afford soap for hand washing and other hygiene practices.
- 85% percent of the assessed population is aware of basic hygiene promotion practices but most households and individuals are limited by the lack of hygiene kits and WASH NFIs.
- Women and girls lack access to dignity kits and they are using the old clothes during their menstrual periods.
- There is a dire need for WASH NFIs

Solid Waste:

- No solid waste management mechanism in the current locations of displacement.

Sanitation:

- Sanitation situation where people are currently settling is characterized by open defecation in the surrounding bushes due to lack of sanitary facilities.
- 40% of the households have latrines and bathing shelters in their original areas of settlement where they shared with those who do not have the sanitary facilities.
- Communal latrines are not seen in the areas of former settlement.

Water supply:

- Water facilities (mainly boreholes) are available in the abandoned areas (locations where people settled before the crisis /trading centers) the team visited. However, most of them require replacement of old parts which have got rusted, chlorination and quality of the water also requires testing (water from the hand pumps have problem of color due to the rusted GI pipes after long time without pumping) as the facilities are rarely used.
- Water availability in the locations where people are displaced is challenging as the available water sources are said to be seasonal streams and ponds with very low yield and they are far (1 to 2 miles) from where they settle.
- Water collection and storage containers are not enough to meet the needs hence many people do not treat the water (containers only for collecting water).
- Lack of trained village pumps mechanics (apart from Logwili Payam where they have 4HPMs) as the available ones fled away from the villages and towns.
- Lack of hand pumps spare parts and tools for the maintenance of the hand pumps.

2. Needs assessment

A need assessment was conducted by IRW between Feb 23rd to 25th 2017 and other partners headed by OCHA and below are the findings:

Findings of the assessment :

1 . WASH

Water supply:

Water availability in the locations where people settled before the crisis is sufficient- only that some boreholes require improvement and rehabilitation. There are no water pumps and protected wells at current locations of displacement, displaced population drink water collected from streams. Almost all households fled from their homes without household utensils and most have a maximum of 1 water container used for both water collection and storage

Sanitation:

2 of 5 households have latrines and bathing shelters in their original areas of settlement, households without sanitary facilities shared from those in possession. There are no latrines and bathing shelters in the current locations where population is staying as IDPs. Open defecation is at the peak of excreta disposal.

Solid Waste:

No solid waste management mechanisms in current locations of displacement.

Hygiene:

85% of assessed population is aware of basic hygiene promotion practices but most households and individuals are limited by lack of hygiene kits. Women and girls lack access to dignity kits and are using old torn cloths during menstrual circles.

Recommendations:

Revamping of water sources, establishment of water point management committees, training of water pump mechanics and equipping them with working tools and spare parts, distribution of hygiene kits and WASH NFIs and refresher hygiene promotion campaigns.

Summary of the general humanitarian situation in Lainya county:

- About 53, 223 people (8,451 HHs) have been badly affected by the fighting that ravaged the area . Most of the people fled the villages and are taking refuge in the bushes ranging from 8 km – 16 kms from their former places of settlement.
- The most vulnerable group are children, women and the old. They are said to be sheltering under trees , drinking water that is not safe , have no access to medical/health services , no access to adequate food , no access to good shelter for the family especially the children , pregnant women , lactating mothers and the old and no access to education for the children .
- Freedom of movement is denied
- The big worry of the people is that, the rainy season is approaching; this will make the situation even more badly.

3. Description Of Beneficiaries

a) Conditions in which project will be implemented:

Even if there is a reassurance of government in guaranteeing access to population affected by the conflict in Yei and Lainya, still this has not happened. Some of the potential risks include

- (1) looting of supplies,
- (2) attack on civilians causing further displacements,
- (3) illegal roadblocks /check points and related demands "extortion", and
- (4) attack in humanitarian aid workers and convoys.

IRW will always maintain coordination with Clusters and UN Daily Security Sitrep for advisory on security before IRW access the field location

b) Plans based on the needs analysis:

IRW- SS intervention in general will benefit 12,500 individuals (3,100 men, 3,500 women, 2,900 boys and 3,000 girls) of these 10,470 IDPs (men 2650, Women 2550, Boys 2620 and Girls 2650) will benefit from the new and rehabilitated water points including the sanitary facilities and WASH NFIs; while 2,030 host communities (Men 450, Women 950, Boys 280 and Girls 350) will benefit from the same services mentioned above.

25% of the intervention will be repositioned to Yei and 75% to Lainya where most of service deliveries are unmet.

c) Components of intervention and results:

WASH

- 12,500 people will have improved access to potable, clean and safe water through rehabilitation of 10 defunct hand pumps, 5 new boreholes and emergency latrines (25% Yei and 75% Lainya)
- 10,470 IDPs in Yei and Lainya will have improved access to water from 5 newly constructed hand pumps/water points and rehabilitation of 9 defunct water points installed with IM II (25% Yei and 75% Lainya)
- 15 water points keep functional as due repairs made by hand pump mechanics (25% Yei and 75% Lainya)
- 12,500 persons reached with hygiene messages using WASH IEC materials. (25% Yei and 75% Lainya)
- 15 Water Management Committees (of 5 members each) will have been formed and under gone training to ensure orderliness and better facility management (25% Yei and 75% Lainya)
- 12,500 host and IDPs will practice ODF through use of the sanitary facilities and practice hand washing using the 9 emergency latrine facilities constructed at the selected Payams 3 in Yei and 6 in Lainya
- Construction of 09 blocks of emergency latrines with 10 stances each (25% Yei and 75% Lainya); 90 stances each block with urinal and well covered with wall curtain for purpose of privacy to both women and men.

Emergency WASH/NFI

- 2,000 IDPs and host community HHs will have benefited from WASH NFIs (Plastic Sheets, Blankets, Mosquito Nets, Sleeping Mats, Jericans and laundry soap) (25% Yei and 75% Lainya)
- 2,000 IDP HHs will have their hygiene improved due to availability of Laundry Soap(25% Yei and 75% Lainya)

4. Grant Request Justification

IRW is operational in South Sudan since 2004. IRW has 2 drilling rigs, 5 vehicles and qualified WASH staff. Other offices are located in Eastern Equatorial and Tonj North in Warrap and presently opened a satellite office in Yei County. IRW has a number of offices worldwide with accumulated wealth of experience and technical knowhow through partnership with other stakeholders. Given the short nature of the SSHF project, IRW's existing capacity in the proposed location is well positioned to implement the project in timely manner. Women are care givers and due to their chores in handling the water and therefore will be targeted directly. Most of hygiene issues have a bearing on women chores.

IRW interventions are designed to enhance peaceful coexistence amongst communities competing for water and conducive school learning environment. IRW is currently an active member of cholera task force and WASH and FSL Clusters.

IRW-SS through CDF drilled 60 boreholes (2010-2011). 2013 IRW drilled 3 additional boreholes with support from EU Peace Stability Quick Impact Fund and 4 from CHF project. These achievements maybe reversed given the steady high number of IDPs displaced in Yei and Lainya in Central Equatoria. Reduced number of organizations working in WASH sector. IRW has implemented UNICEF PCA Guinea Worm Eradication WASH project in Kapoeta East in 2014 and a WASH recovery project in 2016 in EES. IRW is currently implementing emergency projects in Mahad and Mangatein IDP camps with funding from IRUSA and IR Canada partners.

IRW OCHA- let coordinated assessment in Yei on 23rd to 25th February 2017 shows that human waste was indiscriminately disposed of in the bushes oblivious of the negative health repercussions. Young children's waste was neither disposed of safely. Children fecal matter was thrown outside the yard (51.4%) buried in the yard (22.9%), left on the ground (20.0%) or thrown/buried in the bush (20.0%). Open defecation is widely practiced. Lack of water storage facilities and long queues was noted. Most HH had very low latrine coverage, few available latrines were full or collapsed, in some cases 20 HHs shared 1 latrine which is way below SPHERE and WASH cluster. SSHF will coordinate NGOs ensuring no duplication and technical information sharing.

5. Complementarity

There is only a small number of I(NNGOs) present in the areas of intervention in Lainya and Yei Counties. No food supports to the IDPs for the initial 6 weeks reported. The Relief and rehabilitation commission is focused on the regional distribution of IDPs and allocation of land, however, hardly provides any other items. Plan International and UMCOR have currently reduced their activities in Yei. MEDAIR will be covering Shelter, WASH and NFIs in areas IRW did not cover in this intervention, further,, IRW and the other actors will be in the same coordination meetings.

Islamic Relief has been working in Central Equatoria for over 10 years. This project is building on existing broken down boreholes and constructs new ones. The project will also meet immediate WASH NFIs need to reduce shock from the most vulnerable IDPs. The organization's compound and drilling equipment can also be used by this project.

The project is based on HRP guidelines for NFIs/FIs and WASH projects and especially SPHERE standards in emergency context which have been acknowledged by the global humanitarian cluster among others. Activities in Cross-Cutting Issues are based on findings from Technical Working Groups. Islamic Relief Worldwide (IRW) will also involve its regional office into the project, thus benefitting from a range of experiences gathered throughout the Region of East Africa and the Horn countries.

Moreover, the project is coordinated with the activities of the international community in South Sudan. IRW is a member in the UN Clusters for Food Security, Livelihood and WASH.

LOGICAL FRAMEWORK

Overall project objective

"Improved Access to Emergency Safe, Adequate Water Supply, Appropriate Sanitation and Basic Hygiene to 12,500 People Currently Affected by Conflict in Central Equatoria State (Yei and Lainya) of South Sudan."

WATER, SANITATION AND HYGIENE							
Cluster objectives		Strategic Response Plan (SRP) objectives	Percentage of activities				
Re-establish and improve access to water, sanitation and hygiene promotion services for the vulnerable population affected by conflict, disease outbreaks, acute malnutrition and floods.		SO1: Save lives and alleviate the suffering of those most in need of assistance and protection	100				
<p>Contribution to Cluster/Sector Objectives : - The affected population in Yei and Lainya, have timely access to save and sufficient quantity of water for drinking, domestic use and hygiene (500 beneficiaries/water point)</p> <p>- The affected population in Yei and Lainya are enabled to practice safe excreta disposal with dignity in a secure environment (20 users/each latrine stance)</p> <p>- The affected population in Yei and Lainya have knowledge and appropriate behavior to prevent and mitigate WASH related diseases and practice good hygiene (1000 people receive hygiene message per each hygiene promoter)</p> <p>- The crises affected households in Lainya and Yei will benefit from the WASH NFIs and sanitary pads to reduce shocks (2000 hhs targeted)</p>							
Outcome 1							
1. Clean and safe water supplies re-established to serve 7,500 affected individuals.							
Output 1.1							
Description							
1. Adequate potable, clean and safe water supply including 15 water sources' rehabilitations of which 10 defunct wells and drilling of 5 new boreholes installed with IM II are completed to deserving disaster affected populations of Yei and Lainya by October 2017.							
Assumptions & Risks							
boreholes rehabilitated /constructed maintained and used properly by beneficiaries							
Indicators							
Code	Cluster	Indicator	End cycle beneficiaries				End cycle
			Men	Women	Boys	Girls	Target
Indicator 1.1.1	WATER, SANITATION AND HYGIENE	[Frontline] Number of people provided with sustained access to safe water supply [SPHERE Standard]...	1,700	2,100	1,800	1,900	7,500
<p>Means of Verification : Beneficiary feedback</p> <ul style="list-style-type: none"> • Assessment reports • Water quality reports • Physical observation • Focus group discussions • Transect walks. • Water production log books. 							
Indicator 1.1.2	WATER, SANITATION AND HYGIENE	[Frontline] Number of water points/boreholes rehabilitated					10
<p>Means of Verification : - Beneficiary feedback</p> <ul style="list-style-type: none"> • Assessment reports • Water quality reports • Physical observation • Focus group discussions • Transect walks. • Water production log books. 							
Indicator 1.1.3	WATER, SANITATION AND HYGIENE	[Frontline] Number of new water points/boreholes constructed					5
<p>Means of Verification : Beneficiary feedback</p> <ul style="list-style-type: none"> • Assessment reports • Water quality reports • Physical observation • Focus group discussions • Transect walks. • Water production log books. 							
Activities							
Activity 1.1.1							
<ol style="list-style-type: none"> 1. Conduct geophysical and hydrogeological survey of 5 sites to determine potential sites for drilling of boreholes 2. Drilling of 5 new boreholes 2 in Yei and 3 in Lainya in Central Equatoria State. 3. Rehabilitation 10 defunct water points 3 in Yei and 7 in Lainya, Central Equatoria State. 4. Conduct water quality testing in the 15 water points 5. Official handing over of 15 water facilities to community leaders and county authority 6. Training of 45 hand pump mechanics (each site with 3 HPMS) 							

Outcome 2							
Adequate sanitation facilities are established for 1,800 IDPs according to minimum SPHERE standards (each block of latrine with 10 stance)							
Output 2.1							
Description							
9 blocks (90 stances) of emergency pit latrines each with 10 stances constructed in Lainya and Yei IDP settlements.							
Assumptions & Risks							
Community acceptance, proper use and maintenance							
Indicators							
			End cycle beneficiaries				End cycle
Code	Cluster	Indicator	Men	Women	Boys	Girls	Target
Indicator 2.1.1	WATER, SANITATION AND HYGIENE	[Frontline] Number of people with access to improved sanitation facilities	360	450	490	500	1,800
Means of Verification : • Beneficiary feedback • Physical observation • Focus group discussions - Progress reports							
Indicator 2.1.2	WATER, SANITATION AND HYGIENE	[Frontline] Number of new latrines constructed/rehabilitated					90
Means of Verification : - Beneficiary feedback • Physical observation - Progress reports							
Indicator 2.1.3	WATER, SANITATION AND HYGIENE	[Frontline] Number of hand washing facilities constructed/rehabilitated					18
Means of Verification : - Beneficiary feedback • Physical observation - Progress reports							
Activities							
Activity 2.1.1							
1. Construction of 9 blocks (90 stances) of emergency pit latrines each with 10 stances installed with hand washing facilities 2. Reaching 12,500 IDPs and host communities through Community awareness and participation on proper use of latrines to enhance ODF							
Outcome 3							
Hygiene conditions in the camps are kept in a sanitary order with reduced water-related/borne diseases.							
Output 3.1							
Description							
12,500 IDPs have better knowledge and practice good hygiene behavior							
Assumptions & Risks							
Hygiene messages readily accepted by beneficiaries and practiced accordingly.							
Indicators							
			End cycle beneficiaries				End cycle
Code	Cluster	Indicator	Men	Women	Boys	Girls	Target
Indicator 3.1.1	WATER, SANITATION AND HYGIENE	[Frontline] Number of people reached through direct and participatory hygiene promotion activities	3,100	3,500	2,900	3,000	12,500
Means of Verification : Attendance lists disaggregated by gender , case studies with beneficiary testimonies							
Indicator 3.1.2	WATER, SANITATION AND HYGIENE	[Frontline] Number of community based hygiene promoters trained	15	35			50
Means of Verification : - Training materials							
Activities							
Activity 3.1.1							
1. Facilitation of hygiene and sanitation awareness sessions using mass hygiene campaigns in camps and public places targeting 12,500 IDPs and host communities 2. Mobilize and train 50 volunteers on hygiene and sanitation program trained on use of IEC materials 3. Organization of 6 garbage collection points and campaigns in IDP camps in Lainya and Yei County.							

Outcome 4							
WASH NFIs and Sanitary pads are distributed to IDPs households to reduce shocks							
Output 4.1							
Description							
2,000 affected IDPs h/hs have access to use of WASH NFIs and Sanitary pads to reduce shock							
Assumptions & Risks							
IDPs h/hs will benefit from WASH NFIs and sanitary pads							
Indicators							
Code	Cluster	Indicator	End cycle beneficiaries				End cycle
			Men	Women	Boys	Girls	Target
Indicator 4.1.1	WATER, SANITATION AND HYGIENE	[Frontline] Number of people reached with WASH NFI distribution	3,100	3,500	2,900	3,000	12,500
Means of Verification : Registration and distribution coupon lists							
Activities							
Activity 4.1.1							
<ol style="list-style-type: none"> 1. Assessment of 2,000 affected community IDP hhs 2. Registration of 2,000 most vulnerable IDP households 3. Issuance of distribution coupons/cards to 2,000 IDP hhs 4. Distribution of WASH NFIs to 2,000 IDP hhs 5. Distribution of menstrual hygiene management kits distributed to 2,000 women and girls 							
Additional Targets :							

M & R

Monitoring & Reporting plan

IRW Humanitarian Department will maintain overall direction and supervisory responsibility for the management and monitoring of the emergency operation. Monitoring visits will be conducted on a regular basis to ensure that project implementation is timely, appropriate, meeting quality standards and are both effective and efficient. IR South Sudan field staff in Yei and Lainya will be continuously present in project areas. Operational oversight and key operational decisions shall be taken during daily team meetings under the leadership of the Head of Mission and the WASH Coordinator. Detailed implementation plans (DIP) will be made and adhered to. Review of operations and strategic/tactical decisions on the overall programme will be taken during weekly country management team meetings that are held monthly taking feedback from field teams and staff, senior team members and monitoring officers, visiting project sites. Monthly activity reports will be made and progress noted.

Procurement & logistics will check for before distribution; Beneficiaries will be informed of entitlements through banners and announcements; Field extension workers will undertake post-distribution spot checks to check for quality and quantity supplied to beneficiaries. Beneficiaries will be provided complaints phone numbers and contact details; beneficiary muster rolls will be retained with signature of beneficiaries receiving items. A real-time or post-emergency evaluation will be undertaken by IRSS to assess for impact, deliverables, appropriateness, timeliness and quality of this project component. Post-completion lessons learned workshop will also be held with key finding communicated to IR South Sudan and donors/SSHf through the final report.

Activity plans will be made together with the representatives of the line ministry in accordance to the submitted master plan. The WASH Project Officer and the WASH Coordinator in Juba will take up the responsibilities for implementation and generate the weekly, monthly, quarterly and final reports to the South Sudan Head of Mission who in turn will forward it to the IRW Regional Office in Nairobi and HQ in Birmingham. Final and narrative reports will be submitted to the donor (SSHf) according to the reporting deadlines.

GPS for all the structures developed will be taken and pictures of the development process and final product will be taken capturing the visibility boards. Water management committees will sign against the certificate of completion of all the new and rehabilitated water points while the camp manager will sign for the emergency latrines. Elements of access to WASH services will be measured on completion of items of intervention and compared to the baseline to evaluate the impact and level of achievement of the immediate objectives.

Workplan

Activitydescription	Year	1	2	3	4	5	6	7	8	9	10	11	12
Activity 1.1.1: 1. Conduct geophysical and hydrogeological survey of 5 sites to determine potential sites for drilling of boreholes 2. Drilling of 5 new boreholes 2 in Yei and 3 in Lainya in Central Equatoria State. 3. Rehabilitation 10 defunct water points 3 in Yei and 7 in Lainya, Central Equatorial State. 4. Conduct water quality testing in the 15 water points 5. Official handing over of 15 water facilities to community leaders and county authority 6. Training of 45 hand pump mechanics (each site with 3 HPMS)	2017				X	X	X	X					
Activity 2.1.1: 1. Construction of 9 blocks (90 stances) of emergency pit latrines each with 10 stances installed with hand washing facilities 2. Reaching 12,500 IDPs and host communities through Community awareness and participation on proper use of latrines to enhance ODF	2017				X	X	X	X	X				
Activity 3.1.1: 1. Facilitation of hygiene and sanitation awareness sessions using mass hygiene campaigns in camps and public places targeting 12,500 IDPs and host communities 2. Mobilize and train 50 volunteers on hygiene and sanitation program trained on use of IEC materials 3. Organization of 6 garbage collection points and campaigns in IDP camps in Lainya and Yei County.	2017				X	X	X	X	X				
Activity 4.1.1: 1. Assessment of 2,000 affected community IDP hhs 2. Registration of 2,000 most vulnerable IDP households 3. Issuance of distribution coupons/cards to 2,000 IDP hhs 4. Distribution of WASH NFIs to 2,000 IDP hhs 5. Distribution of menstrual hygiene management kits distributed to 2,000 women and girls	2017					X	X						

OTHER INFO

Accountability to Affected Populations

The intervention will be implemented through the involvement of community members and other key stakeholders, to ensure synergy and coordination with other organization working in the impact area. IRW will ensure beneficiary participation at all stages of the project

Implementation Plan

1. Carry out assessment to update its baseline segregating data into men, women, girls and boys
2. Conduct geophysical and hydrogeological survey of 5 potential sites for drilling
3. Conduct water quality testing in 15 boreholes (5 new and 10 rehabs)
4. Rehabilitate 10 defunct water points in 3 in Yei and 7 in Lainya, Central Equatorial State.
5. Drilling of 5 new boreholes 2 in Yei and 3 Lainya in Central Equatoria State.
6. Official handing over of facilities to community leaders and county authority
7. Construction of 9 blocks of emergency pit latrines each with 10 stances installed with hand washing facilities (3 in Yei and 6 in Lainya)
8. Community awareness, mobilization and participation
9. Facilitation of hygiene and sanitation awareness sessions using PHAST methodology
10. Mobilize and train 50 volunteers on hygiene and sanitation program trained on PHAST approach
11. Organize 6 garbage collection campaigns in IDP camps in Lainya and Yei County.
12. Assessment of affected communities for NFIs distribution
13. Registration of most vulnerable IDP households
14. Issuance of distribution coupons/cards
15. Conduct of WASH NFIs and sanitary pads distribution

(Please see annex on activity plan attached)

Coordination with other Organizations in project area

Name of the organization	Areas/activities of collaboration and rationale
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Environment Marker Of The Project

A+: Neutral Impact on environment with mitigation or enhancement

Gender Marker Of The Project

2b-The principal purpose of the project is to advance gender equality

Justify Chosen Gender Marker Code

In the implementation, IRW will ensure particular gender is supported with activities that enhance their welfare and self-esteem. Women headed households will be prioritized and represented in the WMCs as women/girls are the most important persons when it comes to water collection and taking care of family sanitation and hygiene including health care. The programme will ensure that it helps to keep boys and girls in school. Latrines constructed will be gender friendly through ensuring are lockable from inside and disaggregated to avoid cases of GBV, are in well-lit areas. Hygiene awareness sessions will be undertaken in close proximity to beneficiaries' homes and good timing that will allow most women to attend without any hindrance. The project will also supply women of child bearing ages with sanitary towels so as to enable them maintain their hygiene at all times. Consultations before any commencement of activities.

Protection Mainstreaming

- IRW will ensure that project staff are well oriented on mainstreaming protection within the project and know their Code of Conduct. All staff are acquainted and understand the ZERO TOLERANCE for sexual exploitation and abuse.
- IRW has a clearly devised and accountable reporting and response procedures for beneficiaries facing exploitation or abuse by humanitarian workers.
- IRW has two focal points (one at senior management level and one at field level) to monitor protection issues and deal with reports, and promote good humanitarian assistance given without conditionality.
- IRW will work with protection colleagues to provide support for victims of abuse and exploitation.
- IRW will work with GBV working group for further protection guidance and support

Country Specific Information

Safety and Security

IRW will fully coordinate its implementation with UN OCHA, UNDSS and local authorities for access to project sites. Staff safety SOPs will be its first priority

Access

IRW will coordinate access advisory from UNDSS and local authorities

BUDGET

Code	Budget Line Description	D / S	Quantity	Unit cost	Duration Recurrence	% charged to CHF	Total Cost
1.1	WASH Coordinator (50%) based in Juba/roving	D	6	2,455.00	1	50.00	7,365.00
	<i>Project coordination and management</i>						
1.2	Wash Engineer (1) 50% based in Yei/roving	D	6	1,490.00	1	50.00	4,470.00
	<i>Project technical design and monitoring</i>						
1.3	Wash Technician (2) based in Yei and Lainya	D	6	550.00	2	100.00	6,600.00
	<i>Project technical implementation and constructions</i>						

1.4	Hygiene Promoter (2) based in Yei and Lainnya	D	6	500.00	2	100.00	6,000.00
	<i>Hygiene promotion activities</i>						
1.5	Senior HR Officer (40%) Based in Juba	S	6	1,638.00	1	40.00	3,931.20
	<i>Administration and personnel</i>						
1.6	Logistics Officer 40% Based in Juba/roving	S	6	995.00	1	40.00	2,388.00
	<i>Operations</i>						
1.7	Driver (450*6*1 Drivers) based in Yei and Lainnya	S	6	900.00	1	100.00	5,400.00
	<i>Operations</i>						
1.8	Guards (2) 100% based in Yei and Lainnya	S	6	480.00	2	70.00	4,032.00
	<i>Admin/Security</i>						
1.9	Grants and Finance Assistant (40%) based in Yei/roving	S	6	400.00	1	100.00	2,400.00
	<i>Admin</i>						
1.10	Project Officer (100%) based in Yei/roving	D	6	950.00	1	100.00	5,700.00
	<i>Project implementation and M&E</i>						
	Section Total						48,286.20
Supplies, Commodities, Materials							
2.1	Mosquito Nets (from Core pipeline)	D	2000	0.00	0	100.00	0.00
	<i>Project deliverables, treated (25%YEI, 75%Lainya)</i>						
2.2	Sleeping Mats(from Core pipeline)	D	2000	0.00	0	100.00	0.00
	<i>Project deliverables, for h/h use(25%YEI, 75%Lainya)</i>						
2.3	Water jerican/2 each h/h (from Core pipeline)	D	2000	0.00	0	100.00	0.00
	<i>Project deliverables, 20 liters plastic (25%YEI, 75%Lainya)</i>						
2.4	Washing soap/1 bar each/h/h (from Core pipeline)	D	2000	0.00	0	100.00	0.00
	<i>Project deliverables, (25%YEI, 75%Lainya)</i>						
2.5	Washing basins (from Core pipeline)	D	2000	0.00	0	100.00	0.00
	<i>Project deliverables, plastic materials (25%YEI, 75%Lainya)</i>						
2.6	Project Monitoring and evaluation (Internal visits)	D	6	500.00	1	100.00	3,000.00
	<i>Project deliverables, project monitoring quality assurance (25%YEI, 75%Lainya)</i>						
2.7	Facility Visibility/Branding/Logos/Banners/ Caps/T-Shirts for field in Yei and Lainnya	D	1	1,000.00	2	100.00	2,000.00
	<i>Project visibility (25%YEI, 75%Lainya)</i>						
2.8	Transportation of project materials and supplies to project locations in Yei and Lainnya	D	1	3,500.00	2	100.00	7,000.00
	<i>Project deliverables, truck hire for delivery of prepositioned items (25%YEI, 75%Lainya)</i>						
2.9	Storage facility for NFIs in Yei and Lainnya	D	2	1,000.00	1	100.00	2,000.00
	<i>Project deliverables, hire of storage facility (25%YEI, 75%Lainya)</i>						
2.10	Hygiene kits/Sanitary pads for women in Yei and Lainnya	D	2000	6.30	1	100.00	12,600.00
	<i>Project deliverables(25%YEI, 75%Lainya)</i>						
2.11	Casual hire(loading/offloading) during distribution in Yei and Lainnya	D	2	1,200.00	1	100.00	2,400.00

	<i>Project deliverables, hire of casual for loading and offloading of project materials (25%YEI, 75%Lainya)</i>							
	Section Total						29,000.00	
Contractual Services								
4.1	Borehole rehabilitation (Host & IDPS) 3 Yei, 7 Lainya	D	10	3,000.00	1	100.00	30,000.00	
	<p><i>Item description</i> <i>Hand pump installation (India Mark II) 3 Yei, 6 Lainya</i> <i>Provision and placing of RC in pump platform, Apron and drainage channel Slab 150mm thick mix 1:2:4</i> <i>Provision and laying of Screed (1:3) and on internal surfaces drainage channel 25mm thick & on concrete slab.</i> <i>Excavation for Soak away pit & cart away – 1m diameter and 2m depth</i> <i>Provision of approved filling material in soak away pit including polythene sheeting cover</i> <i>General Landscaping around Bore hole 10m radius</i></p>							
4.2	Borehole drilling (Host & IDPs) (2 Yey, 3 Lainya)	D	5	12,000.00	1	100.00	60,000.00	
	<p><i>Sub Section A</i> <i>Preliminaries (excluding the geophysical survey)</i> <i>Mobilization and Transportation of whole drilling unit to, inter-site and from the site</i> <i>Erecting and dismantling of the drilling rig unit at a site.</i></p> <p><i>Carry out drilling diam . 6 inches to depth 80 m below ground level</i> <i>Supply and Install 4 inch nominal internal diameter Plain UPVC Casings</i> <i>Provision and Installation uPVC Bore Hole End caps</i> <i>Supply and Install Permanent casing 6 inch nominal internal diameter UPVC casing</i> <i>Supply and Install 4 inch nominal internal diameter Slotted UPVC screens.</i> <i>Allow for taking samples of drill cuttings at two (2) meters intervals.</i></p> <p><i>Supply and insert filter gravel packing 2mm to 4mm size.</i> <i>Grout between the inner casing and the outer surface casing for top Six (6) metres.</i> <i>Borehole development work including inserting and removal of development equipment</i> <i>Test pumping step draw down and constant discharge test including installation, removal of test pumping equipment , water level observations and draw down measurements</i> <i>Undertake Water Level observation and record on Recovery</i> <i>Supply of water for drilling operations and field camp</i> <i>Carry out bacteriological, physical and chemical analysis of the borehole water.</i> <i>Borehole disinfection as specified</i> <i>Data analysis, drilling, bore hole completion reports, pump test report, hand pump installation report compilation in three hard copies and 1 electronic copy for each well.</i> <i>Supervision of borehole drilling and completion</i> <i>De mobilization of the drilling unit back to base</i></p> <p><i>Sub Section B</i> <i>Item description</i> <i>Hand pump installation (India Mark II)</i> <i>Provision and placing of RC in pump platform, Apron and drainage channel Slab 150mm thick mix 1:2:4</i> <i>Provision and laying of Screed (1:3) and on internal surfaces drainage channel 25mm thick & on concrete slab.</i> <i>Excavation for Soak away pit & cart away – 1m diameter and 2m depth</i> <i>Provision of approved filling material in soak away pit including polythene sheeting cover</i> <i>General Landscaping around Bore hole 10m radius</i></p>							
4.3	Construction of 9 emergency latrines each with 10 stances totalling to 90 stances installed with hand washing facilities (30 Yei, 60 Lainya)	D	9	3,350.00	1	100.00	30,150.00	
	<p><i>Timber 2"x4"x4m – hard wood</i> <i>Timber2"x3"x4m – hard wood</i> <i>Plastic sabs 1.20 m x 1.00m</i> <i>Plastic sheets 4.00m x 5.00m</i> <i>Pin nails - 3 inches</i> <i>Labor</i> <i>Excavation work</i> <i>Excavate holes and fix in posts</i> <i>Carpentry work , fixing plastic sheets</i> <i>Cement</i> <i>Sand</i></p>							
	Section Total						120,150.00	
Travel								
5.1	Local flights	D	6	650.00	1	100.00	3,900.00	
	<i>Air fare (Juba - Yei - Juba)</i>							

5.2	International flights	S	2	1,000.00	1	100.00	2,000.00
	<i>Air fare for expatriates staff (Juba to Nairobi-Juba)</i>						
5.3	Perdiems and accomodation	D	6	480.00	1	100.00	2,880.00
	<i>Staff perdiem and accommodation for Yei, Lainya</i>						
	Section Total						8,780.00
General Operating and Other Direct Costs							
7.1	Generator and Vehicles Fuel	D	2300	0.98	1	100.00	2,254.00
	<i>Generator and vehicle fuel in Juba and Yei</i>						
7.2	Generator and Vehicles Repair and Maintenance	S	2	800.00	1	100.00	1,600.00
	<i>Services and maintenance fees for field vehicles</i>						
7.3	Office rent juba (50%) and yei 100%	D	6	2,400.00	1	100.00	14,400.00
	<i>monthly rental fees in Yei and Juba</i>						
7.4	Office Stationary and supplies	S	6	100.00	1	100.00	600.00
	<i>Office stationaries for Yei and Lainya</i>						
7.5	Telecommunication - Mobile & internet	S	6	300.00	1	100.00	1,800.00
	<i>Internet fees and airtime for staff communication in Yei and Lainya</i>						
7.6	Advertisement	S	2	100.00	1	100.00	200.00
	<i>Advertisements and publications</i>						
7.7	Audit cost	S	1	2,500.00	1	100.00	2,500.00
	<i>Audit fees</i>						
7.8	Project Laptops	S	2	1,185.00	1	100.00	2,370.00
	<i>Project laptops for project staff</i>						
7.9	Project Camera	S	1	489.96	1	100.00	489.96
	<i>Project camera for documentation with high resolution</i>						
7.10	Financial Charges	S	6	202.45	1	100.00	1,214.70
	<i>Bank charges for financial transfers and monthly maintenance fee</i>						
	Section Total						27,428.66
SubTotal				14,442.00			233,644.86
Direct							202,719.00
Support							30,925.86
PSC Cost							
PSC Cost Percent							7.00
PSC Amount							16,355.14
Total Cost							250,000.00

Project Locations

Location	Estimated percentage of budget for each location	Estimated number of beneficiaries for each location					Activity Name
		Men	Women	Boys	Girls	Total	
Central Equatoria -> Lainya	75	2,325	2,625	2,175	2,250	9,375	<p>Activity 1.1.1 :</p> <ol style="list-style-type: none"> 1. Conduct geophysical and hydrogeological survey of 5 sites to determine potential sites for drilling of boreholes 2. Drilling of 5 new boreholes 2 in Yei and 3 in Lainya in Central Equatoria State. 3. Rehabilitation 10 defunct water points 3 in Yei and 7 in Lainya, Central Equatorial State. 4. Conduct water quality testing in the 15 water points 5. Official handing over of 15 water facilities to community leaders and county authority 6. Training of 45 hand pump mechanics (each site with 3 HPMs) <p>Activity 2.1.1 : 1. Construction of 9 blocks (90 stances) of emergency pit latrines each with 10 stances installed with hand washing facilities</p> <ol style="list-style-type: none"> 2. Reaching 12,500 IDPs and host communities through Community awareness and participation on proper use of latrines to enhance ODF <p>Activity 3.1.1 : 1. Facilitation of hygiene and sanitation awareness sessions using mass hygiene campaigns in camps and public places targeting 12,500 IDPs and host communities</p> <ol style="list-style-type: none"> 2. Mobilize and train 50 volunteers on hygiene and sanitation program trained on use of IEC materials 3. Organization of 6 garbage collection points and campaigns in IDP camps in Lainya and Yei County. <p>Activity 4.1.1 : 1. Assessment of 2,000 affected community IDP hhs</p> <ol style="list-style-type: none"> 2. Registration of 2,000 most vulnerable IDP households 3. Issuance of distribution coupons/cards to 2,000 IDP hhs 4. Distribution of WASH NFIs to 2,000 IDP hhs 5. Distribution of menstrual hygiene management kits distributed to 2,000 women and girls

Central Equatoria -> Yei	25	775	875	725	750	3,125	<p>Activity 1.1.1 :</p> <ol style="list-style-type: none"> 1. Conduct geophysical and hydrogeological survey of 5 sites to determine potential sites for drilling of boreholes 2. Drilling of 5 new boreholes 2 in Yei and 3 in Lainya in Central Equatoria State. 3. Rehabilitation 10 defunct water points 3 in Yei and 7 in Lainya, Central Equatorial State. 4. Conduct water quality testing in the 15 water points 5. Official handing over of 15 water facilities to community leaders and county authority 6. Training of 45 hand pump mechanics (each site with 3 HPMS) <p>Activity 2.1.1 : 1. Construction of 9 blocks (90 stances) of emergency pit latrines each with 10 stances installed with hand washing facilities</p> <ol style="list-style-type: none"> 2. Reaching 12,500 IDPs and host communities through Community awareness and participation on proper use of latrines to enhance ODF <p>Activity 3.1.1 : 1. Facilitation of hygiene and sanitation awareness sessions using mass hygiene campaigns in camps and public places targeting 12,500 IDPs and host communities</p> <ol style="list-style-type: none"> 2. Mobilize and train 50 volunteers on hygiene and sanitation program trained on use of IEC materials 3. Organization of 6 garbage collection points and campaigns in IDP camps in Lainya and Yei County. <p>Activity 4.1.1 : 1. Assessment of 2,000 affected community IDP hhs</p> <ol style="list-style-type: none"> 2. Registration of 2,000 most vulnerable IDP households 3. Issuance of distribution coupons/cards to 2,000 IDP hhs 4. Distribution of WASH NFIs to 2,000 IDP hhs 5. Distribution of menstrual hygiene management kits distributed to 2,000 women and girls
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Documents	
Category Name	Document Description
Project Supporting Documents	Lainya WASH assessment report 23 to 25 Feb 2017(Final) (2).docx
Project Supporting Documents	LAINYA MISSION- IRNA BERIEF UPDATE REPORT.docx
Project Supporting Documents	IRNA Lainya Report (3).docx
Project Supporting Documents	IRNA Questionnaire - .docx
Project Supporting Documents	Yei_ IRNA _ Report_.pdf
Project Supporting Documents	2. Work Plan.docx
Project Supporting Documents	Activity Plan.docx
Project Supporting Documents	Revised SSHF Project Proposal Marc_31_2017.doc
Budget Documents	BOQ for Borehole rehabilitation (1).docx
Budget Documents	BOQ for drilling of Complete borehole.xlsx
Budget Documents	BOQ for Emergency Latrines.docx
Budget Documents	CHF SA1 Budget 2017.xlsx
Budget Documents	Revised-SSHF SA1 Budget 2017_27 03 2017.xlsx
Budget Documents	Revised-SSHF SA1 Budget 2017_27 03 2017.xlsx
Budget Documents	SSHF SA1 Budget_Final March 2017 Revised.xls