

<b>Requesting Organization :</b>	Practical Action				
<b>Allocation Type :</b>	2021 - SHF Reserve for Emergencies (End of year allocations- Anticipatory approach _Drought)				
<b>Primary Cluster</b>	<b>Sub Cluster</b>	<b>Percentage</b>			
FOOD SECURITY AND LIVELIHOODS		38.00			
NUTRITION		8.00			
WATER, SANITATION AND HYGIENE		54.00			
		<b>100</b>			
<b>Project Title :</b>	Multisectoral Response to Drought in Kassala (Consortium)				
<b>Allocation Type Category :</b>					
<b>OPS Details</b>					
<b>Project Code :</b>		<b>Fund Project Code :</b>	SUD-21/HSD20/RA11/FSL-N-WASH/INGO/20988		
<b>Cluster :</b>		<b>Project Budget in US\$ :</b>	1,899,728.97		
<b>Planned project duration :</b>	8 Months	<b>Priority:</b>			
<b>Planned Start Date :</b>	15/12/2021	<b>Planned End Date :</b>	14/06/2022		
<b>Actual Start Date:</b>	01/03/2022	<b>Actual End Date:</b>	31/10/2022		
<b>Project Summary :</b>	<p>Practical Action will be leading a consortium of Welthungerhilfe organization (INGO) and Friends of Peace &amp; Development Organizations (NNGO) for the implementation of holistic multi-sectoral approach for emergency response that save-lives of the drought affected communities while strengthening their resilience to natural hazards.</p> <p>The proposed intervention is designed to provide quick response to the urgent drought crisis' implications on the Northern Localities of Kassala state through providing timely nutrition sensitive FSL and WASH interventions in Telkok, Hamashkoreib, Aroma and North Delta localities, and ensure direct support to malnourished children in Hamashkoreib in particular.</p> <p>In coordination with relevant technical authorities, community leaders, women and men volunteers, other actors and stakeholders at localities and state level, the project will provide support to 18,000 people (3,000 HHs and 9000 heads of small ruminants); 5,760 men, 5400 women, 3,488 boys and 3,352 girls. Supplementary animal feed will be distributed to 3000 HHs with focus on female headed households and families with malnourished children associated with livestock extension training session at community level. Water access and quality will be enhanced through set of activities including emergency water trucking, water storing bladders, rehabilitation of water resources and establishing water monitoring systems. Essential hygiene awareness package will be delivered with focus on people in communal facilities such as schools, clinics and markets. Malnourished girls and boys will be supported with supplementary food, access to nutritional supports system as well as medical referral.</p>				
<b>Direct beneficiaries :</b>					
	<b>Men</b>	<b>Women</b>	<b>Boys</b>	<b>Girls</b>	<b>Total</b>
	5,760	5,400	3,489	3,351	18,000
<b>Other Beneficiaries :</b>					
<b>Beneficiary name</b>	<b>Men</b>	<b>Women</b>	<b>Boys</b>	<b>Girls</b>	<b>Total</b>
Host Communities	4,608	4,320	2,791	2,681	14,400
Internally Displaced People	1,152	1,080	698	670	3,600
<b>Indirect Beneficiaries :</b>					
By the improvement of the water resources in the four localities, more than 30,000 people would have improved access to water services. Awareness raising and hygiene knowledge would also have an extended reach to the entire locality through radio messages in local languages.					
<b>Catchment Population:</b>					
<b>Link with allocation strategy :</b>					

This proposed interventions design is guided by and linked with SHF allocation strategy for emergency response &HRP 2021 objectives. This proposal focus on the HRP strategic objective 1: Provide timely multi-sectoral life-saving assistance to crisis affected people to reduce mortality and morbidity; with significant contribution to objective 3: Mitigate protection risks and respond to protection needs through humanitarian action

The project is informed on the catastrophic severity in WASH, nutrition and FSL described in UNOCHA Kassala's case for funding on Nov 2021. The project components will address indicated critical sectors' needs integrally through a comprehensive multi-sectoral approach appealing for increased impact, value for money and resilience while recognizing the special needs of extremely vulnerable women, men, children & displaced.

Proposed interventions will focus on providing support to improve provision of community managed multipurpose water supply & maintaining improved COVID 19 sensitive hygiene practices and behaviour; and provide emergency livestock support,.

The project will – while maintaining complementarity of implemented interventions - ensure linkage to all other priority sectors and support strengthening community preparedness for emergency situation that may result from reoccurring drought in the state.

In line with the identified emergent need, the proposed comprehensive multi-sectoral approach focuses in addressing the needs in the Northern localities of Kassala and will be implemented in coordination with the UN sector leads (FAO and UNICEF), relevant government authorities & technical departments.

The consortium partners represent one national NGO FPDO, two INGOs with WHH, and Practical action as a lead to avail opportunity for strengthening National NGOs capacity in similar projects implementation.

Protection of women, disabled and children will be focus and integral to all the intervention components by -for example- households headed by women, and those included malnourished children and people with disabilities will be prioritized for access to livestock support and provision of hygiene kits. Women and people with disabilities will also be ensured equal access to training and awareness sessions.

Environment protection is mainstreamed across all integral components by -for example- supplementary animal feed will reduce pressure on – already deteriorated pastures, rehabilitation of water infrastructure will also avail opportunity for utilization of water surplus for home gardening and others.

#### **Sub-Grants to Implementing Partners :**

Partner Name	Partner Type	Budget in US\$

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

Other Funding Source	Other Funding Amount

#### **Organization focal point :**

Name	Title	Email	Phone
Muna Eltahir	Country Director - PA	Muna.Eltahir@practicalactionsd.org	+249 912143005
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#### **BACKGROUND**

##### **1. Humanitarian context analysis**

##### **2. Needs assessment**

Consortium members have participated in the recent joint assessment took place at state level with the sector leads and other stakeholders that provided detailed information about the need in the targeted localities. Moreover, needs and gaps reflections from PA's recent projects reports in North Delta (SHF - closed on Sep 2021) and Telkok (Aqua for Sudan - Closed on June 2021) were also utilized for villages/sites selections. That included detailed information about the status of water infrastructure, identification of locations of high population densities and greater need.

The Food Security Technical Secretariat in Kassala State forecasts a gap in food and fodder in four localities of Reifi Aroma, Reifi Hamashoureib, Reifi Telkok, and Reifi Shamal Ad Delta (2021). This gap is attributed to a 25 % reduction of land cultivated from Gash river water leading to poor harvest, low production of food (sorghum) and fodder. In normal times, farmers used to plant on average 60,000 Feddans annually. However, this season, the low flow of floodwater and poor status of the irrigation canals has led to the cultivation of 14,000 out of 80,000 feddans. The Gash River annual flow for this year (2021) by end of August record was only 469.24 CM, compared to 935.5 recorded during the same period in 2020. The serious reduction in flooded areas indicates a possible reduction of the production of staple food, which has already been classified by integrated phase classification (IPC) in phase 3 and described to have long chronic food insecurity problems, that could cause gaps in the production of food and fodder. The projected poor harvest in the above-mentioned localities will put more households under a food security crisis at least for over a year.

Similarly, a shortage of water for both domestic and agricultural usage is expected to occur earlier than in normal seasons, due to low recharge of the groundwater basins. In Reifi Shamal Ad Delta, many villages were reported experiencing severe shortages of water. These villages included Hamadam Al Mahatta (3,675 people), Hadaliya Al Dabba (4,832 people), Saboon (12,000 people) Olieb Masga 5 (6,800 people), and Hadroriet (5,371 people). Additionally, in Reifi Aroma, an estimated 15 villages, populated by about 55,800 people (including

neighborhoods inside Aroma town) were also reported lacking water. Lack of potable water would affect the local populations and livestock alike.

Based on the S3M revised survey results of 2019/2018, the nutrition in the four localities that have been affected by drought were classified follows (Aroma- Very High-18.4% GAM and 5.4% SAM)- the highest in the state, North Delta- High 12.5% GAM and 2.7% SAM; Hamashkoreib-High 10.6 % GAM and 1.2% SAM; Talkuk -6.4% GAM and 0.4% SAM). Considering the drought implications, the nutrition situations in the four localities are on a deteriorating trend. The situation is likely to deteriorate further if urgent scale up of both preventive and curative nutrition interventions are not implemented in a timely manner.

### **3. Description Of Beneficiaries**

### **4. Grant Request Justification**

The proposed intervention will contribute to HRP first objective by providing timely multi-sectoral lifesaving assistance that will reduce communities' vulnerability to crisis, and help increase resilience and preparedness adapt the expected drought cycle in the area.

The project will target 3000 vulnerable HHs (15,000 people and 9,000 heads of small ruminants) in four drought-affected localities in Kassala state, namely; Telkok, Hamash Koreib, North Delta and Aroma which are identified to be facing IPC phase3 (chronic food insecurity) associated with poor access to water and sanitation services. Targeted households will be selected based on specific criteria to be verified with the community based structure and other active groups at community level; Practical Action has been working with these communities for more than a decade. Community structures are well oriented to develop gender sensitive selection criteria and selection of the most in need including HHs with malnourished children and those include people with disabilities, also women headed households will be at the top of the list.

Addressing water services issues and improving productivity of livestock will contribute to lifesaving within crisis as well as to enhancing community resilience to withstand drought occurrence.

The project interventions will directly support livestock production by improved access to animal feed/fodder, water and raise the related awareness and skills. It will also improve access to safe water and enhance hygiene practices through provision of emergency water, water storage facilities, rehabilitate water resources and disseminate hygiene awareness and kits.

The interventions will mainstream malnutrition through prioritizing families with malnourished children. It will also focus on supporting women headed households and ensure that women have equal access to the project support and facilities. People with disabilities will also sensitively considered for easy access to water sources, prioritized in access to animal supplementary feed and hygiene kits, and ensured equal opportunities in training/awareness sessions. Additionally, direct nutrition support will be provided to 1000 HH in Hamshkoreib.

The outcome of the intervention in this sector is expected to contribute to increasing & diversifying food sources & security, reducing malnutrition, reducing severe coping strategies & livelihoods assets losses, reduce people and animals mortality and morbidity, strengthen COVID 19 prevention and thereby improving reliance.

Consortium partners have long work experience in Kassala state at the 2 sectors; including SHF consortia, and will coordinate with government, UN & NGOs working in area, particularly PLAN International, IGAD, Muslim Aid, COOPI, CARE, SORD, JASMAR, Waad and others.

### **5. Complementarity**

## **LOGICAL FRAMEWORK**

### **Overall project objective**

**Save lives and enhance rural communities' resilience to drought in the Northern Localities of Kassala State through integrated emergency WASH, FSL and nutrition interventions.**

### **FOOD SECURITY AND LIVELIHOODS**

<b>Cluster objectives</b>	<b>Strategic Response Plan (SRP) objectives</b>	<b>Percentage of activities</b>
Improve vulnerable people's access to livelihoods and life-sustaining basic services to enhance resilience	SO2: Improve vulnerable people's access to livelihoods and life-sustaining basic services	100

**Contribution to Cluster/Sector Objectives :** The proposed intervention intended to contribute to food security and livelihood assets protection through reducing mortality & morbidity and increase the production of 9000 heads of animals (owned by 3000 HHs). The project will enhance protection of livestock assets through supporting animal feed and watering as well as ensuring community access to the basic related emergency veterinary knowledge and skills.

Furthermore, maintaining livestock assets will allow HHs access to quality food (animal-sourced protein from milk and meat) and reduce their vulnerability to malnutrition.

The project will also contribute to cluster objective 2 through improving access to livelihood and life-sustaining basic services that can save affected communities' livestock assets and improve availability of food and income and thus enhance their resilience to drought.

### **Outcome 1**

Drought Affected communities are able to maintain their livestock assets and have improved access to quality food.

### **Output 1.1**

#### **Description**

9000 heads of small ruminants have improved access to feed, water and veterinary services.

#### Assumptions & Risks

- Collaboration and support of stakeholders at the community and state level.
- Targeted communities' awareness about the importance of diversified food.

#### Risks:

- Animal feed may be sold on local markets for quicker income.
- Occurrence of other natural or man-made disasters in the area.

#### Indicators

Code	Cluster	Indicator	End cycle beneficiaries				End cycle
			Men	Women	Boys	Girls	Target
Indicator 1.1.1	FOOD SECURITY AND LIVELIHOODS	Number of targeted people received life-saving emergency agriculture and livestock/veterinary inputs, extension services, trainings, and kits with improved household food consumption score [HFCS].	9,180	8,820			18,000

**Means of Verification** : Project reports  
FSL sector reports for food consumption

Indicator 1.1.2	FOOD SECURITY AND LIVELIHOODS	Number of targeted households whose livelihoods assets were built, restored, or maintained with improved HFCS.	1,000	1,650			2,650
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**Means of Verification** : Project reports  
Households food consumption report

Indicator 1.1.3	FOOD SECURITY AND LIVELIHOODS	Number of people oriented about the FSL interventions, selection criteria and project's accountability mechanisms	500	500			1,000
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**Means of Verification** : Project's report

Indicator 1.1.4	FOOD SECURITY AND LIVELIHOODS	Number of people with increased capacity and resilience building agriculture, livestock, natural resource management-based livelihoods and start-up kits [resilience-building].	437	188			625
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**Means of Verification** : Project reports  
Ministry of Animal Resources reports

#### Activities

##### Activity 1.1.1

**Standard Activity : Provision of veterinary (i.e. vaccination and treatment) and livestock inputs and services (eg. animal feed, watering, trainings, community awareness session etc.)**

Provision of local fodder mix and salt licks that meet minimum requirements for the production of milk for the needy groups among the selected communities. 3 heads per HH.

- Concentrated fodder: 0.5 kg per head/day - one sack for 3 months
- + 3 Mineral lick for 3 Heads of small ruminants for 3 months

Average cost per HH for 3 months (including shipping cost) is USD 90.

Target per locality: Total 2650 HHs

Telkok 1259 HHs

Hamahskoreib 500 HHs

Aroma 470 HHs

North Delta 420 HHs

##### Activity 1.1.2

**Standard Activity : Provision of veterinary (i.e. vaccination and treatment) and livestock inputs and services (eg. animal feed, watering, trainings, community awareness session etc.)**

Conduct of LEGS extension training sessions:

Training for community volunteers on the general livestock emergency guidelines; ToT training for 25 persons each (30% women) ; 25 sessions (25 people each) – 2 to 3 days in collaboration with MoAR.

11 in Telkok

6 in HK

4 in Aroma

4 in N D

##### Activity 1.1.3

**Standard Activity : Provision of veterinary (i.e. vaccination and treatment) and livestock inputs and services (eg. animal feed, watering, trainings, community awareness session etc.)**

- Conduct inclusive community orientation sessions (using local language/s) prior to each activity where the project team introduce the nature and purpose of the intervention, and clearly describe the selection criteria for the beneficiaries. Participation of all community groups should be ensured (women, elderlies, people with disabilities, IDPs, refugees and minorities in the area). The project team should also communicate the adopted complaint system and beneficiaries feedback mechanism; introducing a focal person with hot line, complaints boxes and all other available communication channels.

**Additional Targets :**

**NUTRITION**

Cluster objectives	Strategic Response Plan (SRP) objectives	Percentage of activities
Provision of timely, multi-sectoral, life-saving assistance to crises affected people to reduce morbidity and mortality	SO1: Provide timely multi-sectoral life-saving assistance to crisis affected people to reduce mortality and morbidity.	100

**Contribution to Cluster/Sector Objectives :** The proposed activities contribute to the Nutrition Sector Strategic Objectives through the provision of quality lifesaving nutrition services with emphasis on increasing the access and coverage to the affected population in Hamshkoreib in Kassala State.

The proposed project will provide direct support to HHs with malnourished children through provision of RUSF supplies for moderately malnourished children in Hamash Koreib locality; that will be associated with support to the community based Management of acute Malnutrition (CMAM) and referrals system for Severely malnourished children with medical complications. It will also contribute to saving lives by strengthening the capacity of existing system for sustainable services provision and building capacity of local community. The intervention is expected to significantly eliminate the malnutrition rates in the locality associated with the implications of drought in the area that have enlarged the food gap and increased the loss of assets.

The project will also ensure provision of FSL and WASH support to the HHs with malnourished children to enhance their access to quality food and clean water, and reduce their exposure to hygiene related health implications.

**Outcome 1**

Drought Affected communities have improved access to nutrition emergent support

**Output 1.1**

**Description**

1000 HHs with malnourished children have improved access to nutrition support supplies and systems

**Assumptions & Risks**

- Availability of Nutrition support centres and trained cadre.

**Indicators**

Code	Cluster	Indicator	End cycle beneficiaries				End cycle
			Men	Women	Boys	Girls	Target
Indicator 1.1.1	NUTRITION	Number of people given supplementary feeding	0	0	1,000	1,000	2,000

**Means of Verification :** Projects report

Indicator 1.1.2	NUTRITION	Number of technical staff and community outreach volunteers trained in different nutrition subjects (CMAM Package, IYCF, NIE)	50	44			94
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**Means of Verification :** Project report  
Nutrition centers reports

**Activities**

**Activity 1.1.1**

**Standard Activity : Procurement of RUTF, RUSF and other nutritional supplies**

distribution of RUSF supplies for moderately malnourished children ;

WHH will distribute RUSF in 5 Health centres in HK locality , three fixed and two mobile centres in close coordination with MOH, Nutrition Department.

**Activity 1.1.2**

**Standard Activity : Provision of CMAM services for SAM and MAM cases of U5 children and PLW (incl. refurbishment of OTP/TSFP, provision of RUTF/SUTF, MUAC screening, referral service for SAM with complication case; micronutrients etc.)**

Supporting Community based Management of acute Malnutrition (CMAM) through the following:

- Conduct Refresher Training on CMAM program for Nutrition assistants – 70 volunteers including the staff.
- On-the-job training during monitoring visits
- Conduct Refresher training for IYCF mother support group (24 female, 10 per group)
- Conduct quarterly MUAC screening in the targeted villages
- Organize Monthly meeting for reporting and status update in close coordination with MOH, Nutrition Department

**Activity 1.1.3**

**Standard Activity : Provision of Nutrition services for SAM cases with complications (incl. refurbishment of SC, provision of medical treatment, nutrition support etc.)**

• Supporting referrals for Severely malnourished children with medical complications through the following:  
Conduct Training on SAM for nutrition assistants in the stabilization Centres SC , and distribution of therapeutic milks F75, F100, Resomal (related materials will be provided from MOH)

**Additional Targets :**

**WATER, SANITATION AND HYGIENE**

Cluster objectives	Strategic Response Plan (SRP) objectives	Percentage of activities
Crisis-affected populations will have access to hygiene promotion services, water quality, and environmental health interventions	SO1: Provide timely multi-sectoral life-saving assistance to crisis affected people to reduce mortality and morbidity.	25
1.2 million crisis-affected population will have access to basic water services	SO1: Provide timely multi-sectoral life-saving assistance to crisis affected people to reduce mortality and morbidity.	75

**Contribution to Cluster/Sector Objectives :** The planned interventions will directly contribute to bridging the identified WASH gap in the drought affected localities. The proposed consortium WASH interventions will help to cover the emergent need of safe drinking water and separate livestock watering (when sources are shared) according to SPHERE standards, and focus on promoting COVID sensitive hygiene practices with stress on hygiene behaviour . This will also contribute to control measures for combating recurrent watery diarrhea outbreaks through hand washing, access to safe water and awareness raising.

WASH interventions will be coordinated with Water and Environmental Sanitation Department, and linked to the planned FSL activities (livestock watering).

The project will improve environment friendly access to safe water supply by rehabilitate/upgrade of drinking water supply sources. Rehabilitation of drinking water infrastructure will improve people's access to basic water services including drinking water, sanitation and hygiene services and protection against water borne diseases outbreak in the targeted locations where women, men children are vulnerable to poor access to clean water and huge sanitation and hygiene related gap. That will also include extending water networks to public facilities.

Water monitoring systems those include water testing and treatment will be established for the different water points to ensure water safety. Water bladders (for emergent water storage) and water trucking will be supplied to project locations public places where there is no potential for construction or rehabilitation of water sources to ensure vulnerable communities access to basic sanitation and hygiene services including hand washing facilities and soap for protection from COVID 19 and other water borne diseases outbreak.

PA and its partners will invest in its wide experience in the WASH sector and reflect the lessons learned from its recent and ongoing projects in and outside the state for enhanced implementation quality and to ensure access to the most affected and needy people.

Sphere standard with a collection time of not more than 30 minutes. The water quality will be assured and monitored throughout the project.

**Outcome 1**

Drought Affected communities have improved health, strengthened protection and increased production associated with the enhanced access to WASH services.

**Output 1.1**

**Description**

15,000 people (and their owned livestock) have improved and equitable access to safe drinking water and basic hygiene awareness.

**Assumptions & Risks**

Assumption:

- Collaboration and support of stakeholders at the community and state level.
- There is sufficient underground water in the aquifer and no hydrogeological change has taken place.
- Community participation and readiness to take over and sustain the service after the end of the project.

Risks:

- in-county economic and political instability and its possible implications on the project delivery.
- COVID 19 waves.

**Indicators**

Code	Cluster	Indicator	End cycle beneficiaries				End cycle
			Men	Women	Boys	Girls	Target
Indicator 1.1.1	WATER, SANITATION AND HYGIENE	Number of emergency affected people living in and out of camps have access to 7.5 liters of drinking water per day-- only for emergency response	5,760	5,400	3,488	3,352	18,000

**Means of Verification :** Project Reports  
WES reports

Indicator 1.1.2	WATER, SANITATION AND HYGIENE	Number or people reached by hygiene messages	5,760	5,400	3,488	3,352	18,000
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**Means of Verification :** Project reports  
Radio reports

Indicator 1.1.3	WATER, SANITATION AND HYGIENE	Number of functioning community based water system including quality monitoring.					26
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<b>Means of Verification</b> : Projects report						
Indicator 1.1.4	WATER, SANITATION AND HYGIENE	Number of water sources and/or system at institution and/or community level constructed, rehabilitated and/or upgraded.				26
<b>Means of Verification</b> : Projects report WES reports						
<b>Activities</b>						
<b>Activity 1.1.1</b>						
<b>Standard Activity : Provision of emergency clean water through water trucking services</b>						
Water trucking in the locations of the highest need and poor access to functioning water sources. This will include contracts for water transfer in regular basis during the drought period.						
<b>Activity 1.1.2</b>						
<b>Standard Activity : Construction, rehabilitation and/or upgrading of water sources and/or system (eg. handpump, water taps, hafir, solar panel, water tank etc.) at institution and/or community level</b>						
HK & Aroma: rehabilitation of 7 mini-water yards + rehabilitation of 7 HPs + pipeline maintenance Telkok & N D: rehabilitation of 7 mini-water yards + rehabilitation of 5 HPs						
*Rehabilitation may include solar upgrading						
<b>Activity 1.1.3</b>						
<b>Standard Activity : ERR Conduct hygiene awareness and sensitization campaign to emergency affected people living in and out of camps</b>						
Hygiene awareness and kits; - awareness raising sessions - Hygiene kits (soap, face masks, brush and pastes, sanitary kits) in schools, clinics and markets - hand washing facilities in communal places in schools, clinics and markets. - Radio messages in local languages						
<b>Activity 1.1.4</b>						
<b>Standard Activity : Conduct water quality testing and monitoring</b>						
Establishing water testing systems in the rehabilitated water points; including provision of water testing kits and provision of related training. This will include development of monitoring package, promotion of local water treatment practices and chlorination.						
<b>Activity 1.1.5</b>						
<b>Standard Activity : Construction, rehabilitation and/or upgrading of water sources and/or system (eg. handpump, water taps, hafir, solar panel, water tank etc.) at institution and/or community level</b>						
Provision and installation of water storage bladders; HK: Purchase and installation of 3 bladders (10,000 L) Telkok: Purchase and installation of 3 bladders (10,000 L) ND: Purchase and installation of 2 bladders (10,000 L) Aroma: Purchase and installation of 2 bladders (10,000 L)						
<b>Activity 1.1.6</b>						
<b>Standard Activity : Construction, rehabilitation and/or upgrading of water sources and/or system (eg. handpump, water taps, hafir, solar panel, water tank etc.) at institution and/or community level</b>						
Rehabilitation of main wayer canal Rehabilitation of Tendaly sub-canal & Haffair Aroma main pipe line rehabilitation						
<b>Activity 1.1.7</b>						
<b>Standard Activity : Provision of emergency clean water through water trucking services</b>						
Scale up for water trucking of 25 barrels equal to 5,000L in North Delta. This will include: Provision of water tanks and bladders construction with capacity of 10,000 L Provision of drinking water for human and animal consumption Conduction of water chlorination and quality monitoring activities Hygiene promotion interventions and distribution of hygiene kits (500 kits)						
<b>Activity 1.1.8</b>						
<b>Standard Activity : Provision of solid/liquid waste management facilities</b>						
Improve environmental health by Organizing cleaning and vector controls campaign in communities affected by the crisis. 40 campaigns will be organized in 20 communities. It will involve eradication of the water parasite stages by draining the stagnant water, burial of dambo and cover the water surface with used engine oil. The campaign will also include spraying the area with insecticides using fogger. The campaign will also include collection of garbage and solid waste and providing the cleaning tools to the community members.						
<b>Additional Targets :</b>						
<b>M &amp; R</b>						



## Monitoring & Reporting plan

Practical Action has a robust monitoring and evaluation system with indicators of progress to evidence success from activities through to outcome level including demonstration of value for money. The project staff (from all partners) will be joined by community representatives, related government department, field level OCHA and sector leads & other relevant stakeholders to discuss and adopt a comprehensive M&E plan design in compliance with the project logical frame, indicators, methodologies & action plan. Information will be collected through specifically designed data collection forms that should facilitate adequate information flow on progress and their compliance with implementation plans & targeted indicators or any additional information on new developments on identified assumptions & risks. Follow up of indicators set for monitoring crosscutting issues (gender, disables, protection & environment) will be an essential component of the monitoring system and plan.

Project expenditures will be monitored according to the SHF compliance guidelines by the finance manager. The project staff will report on progress, challenges, lessons learned and unintended impact/outcome on monthly, and quarterly basis. Progress narrative reports are compared and matched with financial reports on monthly basis. Monitoring & progress information and updates will be shared periodically with OCHA monitoring teams, 3Ws, and relevant sectors at both state and country levels. Practical Action will – in coordination with field based staff & coordinator- facilitate OCHA and clusters coordinators monitoring visits in coordination with related technical government departments.

Operation and M&E manager, head of rural development, program delivery manager and finance manager will communicate regularly by phone, skype or visits to support effective monitoring and implementation, and provide technical consultation.

Practical Action will ensure community, partners and contractors access to the complaints system channels following a specific framework informed by the safe-guarding and protection policies; including access to the Complaints focal persons in each office, complaints boxes, hotlines and emails shown in well-visible posters. Partners and contractors are obliged to sign a safeguarding document that show the whole complaints system and channels as well.

## Workplan

Activitydescription	Year	1	2	3	4	5	6	7	8	9	10	11	12
<p>FOOD SECURITY AND LIVELIHOODS: Activity 1.1.1: Provision of local fodder mix and salt licks that meet minimum requirements for the production of milk for the needy groups among the selected communities. 3 heads per HH.</p> <p>- Concentrated fodder: 0.5 kg per head/day - one sack for 3 months + 3 Mineral lick for 3 Heads of small ruminants for 3 months</p> <p>Average cost per HH for 3 months (including shipping cost) is USD 90. Target per locality: Total2650 HHs Telkok 1259 HHs Hamahskoreib 500 HHs Aroma 470 HHs North Delta 420 HHs</p>	2022					X	X	X	X	X			
<p>FOOD SECURITY AND LIVELIHOODS: Activity 1.1.2: Conduct of LEGS extension training sessions: Training for community volunteers on the general livestock emergency guidelines; ToT training for 25 persons each (30% women) ; 25 sessions (25 people each) – 2 to 3 days in collaboration with MoAR. 11 in Telkok 6 in HK 4 in Aroma 4 in N D</p>	2022						X			X			
<p>FOOD SECURITY AND LIVELIHOODS: Activity 1.1.3: - Conduct inclusive community orientation sessions (using local language/s) prior to each activity where the project team introduce the nature and purpose of the intervention, and clearly describe the selection criteria for the beneficiaries. Participation of all community groups should be ensured (women, elderlies, people with disabilities, IDPs, refugees and minorities in the area). The project team should also communicate the adopted complaint system and beneficiaries feedback mechanism; introducing a focal person with hot line, complaints boxes and all other available communication channels.</p>	2022				X	X				X			
<p>NUTRITION: Activity 1.1.1: distribution of RUSF supplies for moderately malnourished children ;</p> <p>WHH will distribute RUSF in 5 Health centres in HK locality , three fixed and two mobile centres in close coordination with MOH, Nutrition Department.</p>	2022									X	X		



NUTRITION: Activity 1.1.2: Supporting Community based Management of acute Malnutrition (CMAM) through the following:  - Conduct Refresher Training on CMAM program for Nutrition assistants – 70 volunteers including the staff. - On-the-job training during monitoring visits - Conduct Refresher training for IYCF mother support group (24 female, 10 per group) - Conduct quarterly MUAC screening in the targeted villages - Organize Monthly meeting for reporting and status update in close coordination with MOH, Nutrition Department	2022									X	X		
NUTRITION: Activity 1.1.3: • Supporting referrals for Severely malnourished children with medical complications through the following: Conduct Training on SAM for nutrition assistants in the stabilization Centres SC , and distribution of therapeutic milks F75, F100, Resomal (related materials will be provided from MOH)	2022									X	X		
WATER, SANITATION AND HYGIENE: Activity 1.1.1: Water trucking in the locations of the highest need and poor access to functioning water sources. This will include contracts for water transfer in regular basis during the drought period.	2022				X	X	X	X	X	X	X		
WATER, SANITATION AND HYGIENE: Activity1.1.2: HK & Aroma: rehabilitation of 7 mini-water yards + rehabilitation of 7 HPs + pipeline maintenance Telkok & N D: rehabilitation of 7 mini-water yards + rehabilitation of 5 HPs  *Rehabilitation may include solar upgrading	2022				X	X	X	X	X	X	X		
WATER, SANITATION AND HYGIENE: Activity1.1.3: Hygiene awareness and kits; - awareness raising sessions - Hygiene kits (soap, face masks, brush and pastes, sanitary kits) in schools, clinics and markets - hand washing facilities in communal places in schools, clinics and markets. - Radio messages in local languages	2022				X	X	X	X	X	X	X		
WATER, SANITATION AND HYGIENE: Activity1.1.4: Establishing water testing systems in the rehabilitated water points; including provision of water testing kits and provision of related training. This will include development of monitoring package, promotion of local water treatment practices and chlorination.	2022					X	X	X	X	X	X		
WATER, SANITATION AND HYGIENE: Activity1.1.5: Provision and installation of water storage bladders; HK: Purchase and installation of 3 bladders (10,000 L) Telkok: Purchase and installation of 3 bladders (10,000 L) ND: Purchase and installation of 2 bladders (10,000 L) Aroma: Purchase and installation of 2 bladders (10,000 L)	2022									X	X		
WATER, SANITATION AND HYGIENE: Activity1.1.6: Rehabilitation of main wager canal Rehabilitation of Tendaly sub-canal & Haffair Aroma main pipe line rehabilitation	2022									X	X		
WATER, SANITATION AND HYGIENE: Activity1.1.7: Scale up for water trucking of 25 barrels equal to 5,000L in North Delta. This will include: Provision of water tanks and bladders construction with capacity of 10,000 L Provision of drinking water for human and animal consumption Conduction of water chlorination and quality monitoring activities Hygiene promotion interventions and distribution of hygiene kits (500 kits)	2022									X	X		
WATER, SANITATION AND HYGIENE: Activity1.1.8: Improve environmental health by Organizing cleaning and vector controls campaign in communities affected by the crisis. 40 campaigns will be organized in 20 communities. It will involve eradication of the water parasite stages by draining the stagnant water, burial of dambo and cover the water surface with used engine oil. The campaign will also include spraying the area with insecticides using fogger. The campaign will also include collection of garbage and solid waste and providing the cleaning tools to the community members.	2022										X		

#### OTHER INFO

##### Accountability to Affected Populations

The project design is informed by community women & men key informants consultation, several participatory needs assessments & the long term operational & work relationship with target communities. The implementation process is committed to ensure participation of all at all project phases & incorporating beneficiary women, men, elderly & people with special needs views, interests & concerns from both displaced and host communities.

The project will organize inclusive community orientation sessions (using local language/s) prior to each activity where the project team introduce the nature and purpose of the intervention, and clearly describe the selection criteria for the beneficiaries. Participation of all community groups should be ensured (women, elderly, and people with disabilities, IDPs, refugees and minorities in the area). The project team will also communicate the adopted complaint system and beneficiaries feedback mechanism; introducing a focal person with hot line, complaints boxes and all other available communication channels. Community members & committees will be oriented & encouraged to target indiscriminately the neediest & applications of DO NO harm principles while maintaining high levels of participation & consultation. Quarterly updates will be communicated with the relevant sectors for any reported complaints for reflections on the main captures from the feedback mechanism.

To strengthen accountability process & leaving no one behind, the consortium members will build on sharing their accumulated experience & knowledge gained through the long term working relation with area communities & utilize it to ensure community management structures are representative of all community sections including gender, age, vulnerable & groups with special needs & that voices of all is heard, influence fair access to project benefits. Engagement & participation of all categories of community will improve jointly addressing project & wider livelihoods related problems, developing cohesion & eliminating conflicts. Ensuring accountable implementation rests on mechanisms of informed community participation in project implementation management, coordination, monitoring progress & related decisions and feedback.

Consortium partners will ensure transparent flow of project related info & that community members have access to timely & clear information about the expected project outcome, outputs and activities. Information flow will also be through community meetings & monitoring process. M&E & consultation meetings with communities including visits by OCHA team will also be facilitated to allow community raise any concerns or complaints.

PA adopts open door through direct contact complaint's mechanism that facilitate access to the country level & international management face to face, phone or email or through whistle blowing policy system in case the complainer needs protection. It also adopts set of safeguarding policies including prevention of sexual abuse and exploitation and child safeguarding, Consortium partners will also avail accessible contacts of different levels of hierarchy for any community or stakeholders concerns/complaints. A clear accountability mechanism to which all consortium partners will commit to in accordance with Humanitarian Accountability Partnership standards will be communicated for info sharing line for complaints, response & feedback mechanism to ensure any irregularities are discovered & addressed timely (Telkok & N Delta Complaints framework for PA, Aroma & HK by WHH).

#### **Implementation Plan**

#### **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**

#### **Gender Marker Of The Project**

4- Likely to contribute to gender equality, including across age groups

#### **Justify Chosen Gender Marker Code**

#### **Protection Mainstreaming**

Women in Kassala state are beleaguered by both poverty, negative cultural practices, traditions & norms that makes them more vulnerable to malnutrition, GBV and health implications. They culturally receive less amounts and qualities of food, unequal access to water services as well as higher economic pressure especially during disasters (most affected by crisis).

Primary gender analysis is used to identify & address the barriers that women and men are facing in the targeted rural context. In order to address the major inequalities; the proposal emphasizes on prioritizing women headed households and allowing equal access to water services within the project activities. That will be ensured through a clear beneficiary's selection criteria, together with inclusive community consultation mechanisms and participatory water management structures.

Women participation in all decision structures will be ensured by allocating quotas for women in community project management structures where restrictive community culture and tradition prevail. This will also be targeted for mitigation by mobilizing the communities through gender aware community leaders to allow women participation in committees, meetings & capacity building programs.

Communities' resilience and stability, together with reduction in food insecurities and improvement in nutritional status will avail better environment for rural women and significantly reduce their exposure to the different types of hazards including physical and moral ones. Additionally, the project will assure quick referrals of GBV cases among PLW attending the nutrition services to the GBV experts.

#### **Country Specific Information**

#### **Safety and Security**

#### **Access**

Kassala state enjoys good security levels except for limited tribal conflicts with the city which are on the way for containment by local authorities and civil society. Telkok, Hamash Koreib, Aroma and North Delta are accessible and can be reached easily within 3 to 4 hours on average by well levelled roads.

Implementing consortium partner organizations have a long term operational presence in Kassala state which facilitates deep knowledge of the context and building development and emergency related work relationship with local communities' structures as well as with localities and state level related ministries and departments.

In case an emergency situation arises, consortium partners will liaise with community structures and UN agencies at state level to coordinate response while ensuring continued monitoring and communication with community based organizations. The long term operational presence and increased project management capacity planned through participatory approaches, risk assessment and mitigation measures developed should also facilitate potential risk informed early warning, planning and operationalizing mitigation measures.

## BUDGET

Code	Budget Line Description	D / S	Quantity	Unit cost	Duration Recurrence	% charged to CHF	Total Cost
<b>1. Staff and Other Personnel Costs</b>							
1.1	Consortium Coordinator - Kassala	D	1	3,296.00	8	100.00	26,368.00
	<i>This position to oversee all project activities, partners performance, interventions in different sectors, project staff and to follow up the project implementation plan, forecast and reporting. 100% of the salary (inclusive of benefits) is charged to this project for a period of 8 months.</i>						
1.2	Consortium M&R officer - Kassala	D	1	1,109.65	8	100.00	8,877.20
	<i>This position is responsible to follow up on project interventions and provide close follow up, monitoring, reporting and evaluation to the partners, pay regular visits and coordination at consortium level. 100% of the salary (inclusive of benefits) is charged to this project for a period of 8 months.</i>						
1.3	Consortium Cleaner - Kassala	S	1	589.95	8	63.33	2,988.92
	<i>Salary for Cleaner supporting project staff at office. 63.33% of the salary (inclusive of benefits) is charged to this project for a period of 8 months.</i>						
1.4	Consortium Driver - Kassala	S	1	773.00	8	62.67	3,875.51
	<i>This driver will lead consortium movement in Kassala and 4 localities, 62.67% of the salary (inclusive of benefits) is charged to this project for a period of 8 months.</i>						
1.5	Project Manager - Kassala	D	1	1,500.00	8	100.00	12,000.00
	<i>This position will oversee all Practical Action Activities, participate in planning and coordination, manage PA's project staff and ensure timely narrative and financial reporting to consortium management unit. 100% of the salary (inclusive of benefits) is charged to this project for a period of 8 months.</i>						
1.6	Project M&E and Community Mobilization Officer - Kassala	D	1	1,150.00	7	100.00	8,050.00
	<i>This position is responsible to plan, coordinate, follow up and ensure project activities implemented by Practical Action in the target locality. He /She will also conduct community mobilization work at field level. %100 of the salary (inclusive of benefits) is charged to this project for a period of 7 months (based in Kassala).</i>						
1.7	PA Accountant - Kassala - National	S	1	1,090.00	8	62.67	5,464.82
	<i>This staff member will dedicate 62.67% of her/his time to ensure proper financial performance of partners according to SHF regulation and to compile financial reports in regular basis. 62.67% of the salary (inclusive of benefits) is charged to this project for a period of 8 months. This position is a national staff based in Kassala</i>						
1.8	Consortium Administration , Logistic and Procurement Officer - Kassala - National	S	1	982.00	8	62.67	4,923.36
	<i>Salaries for Kassala overall Administration , logistics and procurement for project logistic support, movement, administrative support and others. 62.67% of the salary (inclusive of benefits) is charged to this project for a period of 8 months. This position is a national staff based in Kassala</i>						
1.9	Country Director - Khartoum - National	S	1	10,696.50	8	20.00	17,114.40
	<i>Salaries for Country office Country Director , to maintain overall technical and strategic support, coaching teams, leading coordination and donor relationships 20% of the salary (inclusive of benefits) is charged to this project for a period of 8 months. This position is a national staff based in Khartoum</i>						
1.10	Head of Program Delivery - Khartoum - National	S	1	3,818.00	8	25.00	7,636.00
	<i>Salaries for Country office Head of Program Delivery , to ensure M&amp;E measures are met and close operational support to SHF project and reporting quality assurance .25% of the salary (inclusive of benefits) is charged to this project for a period of 8 months. This position is a national staff based in Khartoum</i>						

1.11	Accountant Support - Khartoum - National	S	1	1,921 .00	8	30.00	4,610.40
	<i>Salaries for Country office Accountant support of financial posting and reporting 30% of the salary (inclusive of benefits) is charged to this project for a period of 8 months This position is a national staff based in Khartoum</i>						
1.12	Communication Manager - Khartoum - National	S	1	2,109 .00	7	30.00	4,428.90
	<i>Salaries for Country office communication manager , supporting SHF communication , documentation, visibilities, knowledge sharing ..ect 30% of the salary (inclusive of benefits) is charged to this project for a period of 7 months. This position is a national staff based in Khartoum</i>						
1.13	HR Manager - Khartoum - National	S	1	3,772 .50	6	20.00	4,527.00
	<i>Salaries for Country office HR manager , recruitments, salaries and benefits , wellness ..ect .20% of the salary (inclusive of benefits) is charged to this project for a period of 6 months. This position is a national staff based in Khartoum</i>						
1.14	Operation Manager - Khartoum - National	S	1	3,772 .50	4	15.00	2,263.50
	<i>Salaries for Country operation manager , for operational support , services , procurement plans and contracts..ect . 15% of the salary (inclusive of benefits) is charged to this project for a period of 4 months. This position is a national staff based in Khartoum</i>						
1.15	Grants and Compliance Manager - Khartoum - National	S	1	2,974 .50	4	15.00	1,784.70
	<i>Salaries for Country office grant manager , managing SHF grant ,ensure compliance to donor regulations , partners capacity building, internal controlling..ect . 15% of the salary (inclusive of benefits) is charged to this project for a period of 4 months. This position is a national staff based in Khartoum</i>						
1.16	Finance Manager - Khartoum - National	S	1	4,087 .50	8	20.00	6,540.00
	<i>Salaries for Country finance manager , for financial control , reporting..ect . 20% of the salary (inclusive of benefits) is charged to this project for a period of 8 months. This position is a national staff based in Khartoum</i>						
1.17	Logistic and Procurement Officer - Khartoum - National	S	1	1,552 .50	7	20.00	2,173.50
	<i>Salaries for Country office Logistic support for procurements at national level 20% of the salary (inclusive of benefits) is charged to this project for a period of 7 months. This position is a national staff based in Khartoum</i>						
1.18	Driver - Khartoum - National	S	1	835.5 0	8	30.00	2,005.20
	<i>Salaries for Project Driver for coordination meetings and related movements. 30% of the salary (inclusive of benefits) is charged to this project for a period of 8 months. This position is a national staff based in Khartoum</i>						
1.19	Head of Business Development - Khartoum - National	S	1	3,772 .50	2	30.00	2,263.50
	<i>Salaries for Country Office Head of Business Development inclusive. 30% of the salary charged to this project for a period of 2 months.</i>						
1.20	Driver - Kassala	S	1	668.4 0	2	42.00	561.46
	<i>Salaries for Kassala Driver (inclusive) 42% of the salary charged to this project for a period of 2 months.</i>						
1.21	Admin Officer - Khartoum - National	S	1	1,552 .50	2	30.00	931.50
	<i>Salaries for Country Office Admin Officer (inclusive) 30% of the salary charged to this project for a period of 2 months.</i>						
	<b>Section Total</b>						<b>129,387.87</b>
<b>2. Supplies, Commodities, Materials</b>							
2.1	Inception workshop	D	1	4,000 .00	1	100.00	4,000.00
	<p><i>This workshop will be for stakeholders orientation about the project interventions, logical frame-work, modalities, partners and other</i></p> <ul style="list-style-type: none"> <li>- will be organized at state level in Kassala town</li> <li>- 50 -75 participants are expected.</li> <li>- One day workshop</li> </ul> <p>- hall rent for one day (big and equipped hall); \$ 125/day, once = \$125</p> <p>- stationary &amp; handouts , package per person, for 75 participant, \$10 each, once = \$750</p> <p>- Travel &amp; accommodation for 3 participants from Country Office for strategic &amp; technical support to attend the workshop (3days trip), cost per person, for 3 participants, (\$400 ticket + \$100 full accommodation)* once = \$1500</p> <p>- transportation allowances for 50 participants from local communities and government; per participant, 50, \$10 /person, once = \$500</p> <p>- Catering &amp; coffee breaks for 75 participants; per person, 75 participants, \$15/person, once = \$1125</p>						
2.2	Animal feed per HH	D	1259	90.00	1	100.00	113,310.00

	<p>Targeting Telkok 1259 HHs in Telkok locality</p> <p>This package of supplementary animal feed specified for small ruminant for production of milk, the amount of concentrates and lick is sufficient for 3 months. Each package include the following:</p> <ul style="list-style-type: none"> <li>- Concentrates for 3 heads of animals for 3 months = 3 sacks (50Kg each) = USD 55</li> <li>- Mineral licks - 3 pieces for 3 small ruminants for 3 months = \$ 15</li> <li>- Associated logistic cost per package = \$20</li> </ul> <p>Please see the attached BoQ 2.2.</p>						
2.3	Purchase and Installation of water storage Bladders	D	13	1,454.61	1	100.00	18,909.93
	<p>Purchase and installation of thirteen (13) 9,000 L (9 M3) water storage bladders for provision of emergency water; 13 sites. It cover the cost of the bladder, stabilizing platform &amp; transportation/installation</p> <p>Kindly refer to the attached BoQ</p>						
2.4	HPs rehabilitation	D	5	800.00	1	100.00	4,000.00
	<p>Purchase of spare-parts and maintenance contracting cost for rehabilitation of 5 existing unfunctional hand pumps in Telkok and North Delta.</p> <p>Unit Cost includes:</p> <ul style="list-style-type: none"> <li>- Purchase of spare part \$450</li> <li>- Technical labour for installation \$87</li> <li>- Civic and construction work include material 263</li> </ul>						
2.5	WYs rehabilitation	D	10	16,112.20	1	100.00	161,122.00
	<p>Cost of contracting engineering company for rehabilitation work (for 10 unfunctional water yards) depending of the status of the existing unfunctional water yards. That could include provision or/and maintenance of some parts of the infrastructure. Estimated cost for each water yard (on average market prices for similar jobs):</p> <ul style="list-style-type: none"> <li>- plumbing material \$920</li> <li>- Plumbing work \$518</li> <li>- Construction material 6674.2</li> <li>- Civic &amp; construction work 2000</li> <li>- Repair elevated tank 400</li> <li>-Repair and replace solar panel 3200</li> <li>- Heavy machinery \$ 2400</li> </ul> <p>for more details please see BoQ 2.5</p>						
2.6	Livestock Emergency Guidelines training (LEGs)	D	11	2,000.00	1	100.00	22,000.00
	<p>In collaboration with the state ministry of animal resources, 3 days training program will be delivered for 25 trainees (women &amp; men) in 3 different project locations in Telkok locality. For information about the basic livestock emergency guidelines. Cost breakdown per program (\$2000)</p> <p>Description, unit of measurement, quantity, unit cost, duration and total cost</p> <ul style="list-style-type: none"> <li>- Trainers fees; fees/day, one trainer, \$100 , for 3 days = USD 300</li> <li>- Catering &amp; refreshments for 25 trainees for 3 days; cost per trainee, 25 trainees, \$12.33 for 3 days= USD 925</li> <li>- Stationary and handouts; package per trainee, 25 package, \$10, once= \$250</li> <li>- venue or tent rent; rent/day, once hall/tent, \$50, 3 days = \$150</li> <li>- Transportation for participants, per day, 25 trainees, \$5, 3days = \$375</li> </ul> <p>*Will be delivered in 11 sites in Telkok locality</p>						
2.7	establishment of water monitoring system and testing	D	20	2,008.65	1	100.00	40,173.00
	<p>This water monitoring system and testing will be established associated with the 15 rehabilitated water points (10 water yards and 5 Hand pumps) &amp; 5 sources of water water trucking in both North Delta and Telkok locality to ensure water safety. water committees will be responsible for maintain this systems' functionality after receiving the required training. This activity will be delivered in coordination with local water authority (WES) for 20 member per each water management committee.</p> <p>Unit cost includes:</p> <ul style="list-style-type: none"> <li>- Purchase of testing kits \$560 (package)</li> <li>- Cost for technical orientation training; trainer fees for 3 days = \$150 fees/day * 3 days= \$450</li> <li>- Cost for technical orientation training; catering cost for 20 participants = 20 participants * US\$ 12 = 240 catering/day for 3 days = \$ 720; 20 participabt * US\$ 12 * 3 days = US\$ 720</li> <li>- Chlorination package @\$278.65 (provision of chlorine tablets for water treatment at household level)</li> </ul> <p>*Cost per water point</p> <p>for more details please see BoQ 2.7</p>						
2.8	Emergency water trucking for 12 sites	D	18	4,483.67	1	100.00	80,706.06
	<p>This fund is booked to support 18 sites by provision of emergent water supply during the peak of the drought. The cost represents a contracting fees for water trucking suppliers to transfer water from the nearest available water points as agreed. Each of the 18 targeted communities will received 30 water tanker of 50 barrels over a period of 12weeks (10 weeksbefore the rainy season &amp; 2 weeks following the flood crisis). The average cost of 50 barrel water tanker is USD 149.4557 depending on the distance).</p> <p>for more details please see BoQ 2.8</p>						

2.9	Activation meeting and refresher trainings for water management committees	D	18	1,689 .89	1	100.00	30,418.02
<p>18 water committees will receive refresher training in water management, operation and basic maintenance. That will include managing water pricing system and repair of the minor defects.</p> <p>The training will be conducted in collaboration with local authorities; 15 women and men will be trained for 5 days. Training cost per committee estimated as: - catering \$600 (\$8 * 5 days * 15 participants), - transportation cost \$375 (\$5 * 5 days * 15 participants), - Trainer fees \$450 (\$90 * 5 days) - maintenance kits \$265 (2 sets for each committee)</p> <p>for more details please see BoQ 2.9</p>							
2.10	Provision of hygiene kits packages for 750 people	D	2225	20.15	1	100.00	44,833.75
<p>This package will be provided to 1381 selected HHs in Telkok locality with focus on children and women.</p> <p>The package includes the following hygiene supplies: - Hair comb (\$2.5) + - teeth brush and paste (\$3.5)+ - nail clipper + (\$2.5) - sanitary kits + (\$ 6) - soap (\$ 5.65) (this package of soap for HH needs - 6 persons- includes 8 pieces of shower soap (\$0.49 each) and 10 pieces for washing soap (\$0.28 each))</p> <p>for more details please see BoQ 2.10</p>							
2.11	Hygiene awareness raising sessions	D	24	642.7 1	1	100.00	15,425.04
<p>This one day awareness raising sessions will be organized in 8 sites in Telkok locality targeting women, men and children in the targeted locations (100 people each). Women &amp; children (girls) and men &amp; children (boys) will be gathered separately; with a unit cost of \$642.71</p> <p>For Women &amp; children (girls) \$ 321.36: The estimated cost includes: - sound system rental \$116.4 + - tents rent \$75 + - fees to technical person \$30 + - Vehicle rent \$100</p> <p>For men \$ 321.36: The estimated cost includes: - sound system rental \$116.4 + - tents rent \$75 + - fees to technical person \$30 + - Vehicle rent \$100</p> <p>for more details please see BoQ 2.11</p>							
2.12	Hygiene messages in radio(local languages)	D	15	237.4 7	1	100.00	3,562.05
<p>production and broadcast of 15 radio messages in local languages to raise awareness about the best hygiene practices. - Unit cost per radio message The cost per message includes fees for technical people at the radio corporation (\$75 per message) for the development and translation work + \$112.47 as broadcasting fees throughout 3 months (\$50 per months)</p>							
2.13	Establishment of Hand washing facilities	D	30	378.2 0	1	100.00	11,346.00
<p>Purchase and installation of 30 hand washing facilities with soap to improve and promote hand washing in the public places. The facilities will be installed in 18 sites in Telkok locality (mainly schools, market and clinic).</p> <p>- Purchase of water storage barrel with tap and metal stand (\$280). - transportation and installation cost (\$70) - Provision of soap package for 4 months (\$28.2)</p>							
2.14	Rehabilitation of Main Wager Canal	D	0	94,81 7.81	1	100.00	0.00

	<p><i>This activity was cancelled. Because it cannot be implemented during the rainy season and after the flow of Gash seasonal stream. Survey work = \$1,222 Rent of vehicle for the survey work + Technical supervision= \$2,467 total for duration of 45 days Cleaning the main and sub-canal from mesquite tree= \$1,590 Digging 13 kilometers of the main canals between Kilometer 10.5 &amp; 22 with heavy duty machine 5*6: The digging of one kilometer required heavy machine work for 10 hours while the hourly rate of heavy machine is 179.22; the total hours of work required is 130 hours= 130 * 179.21 = \$23,298 Digging the main canals with heavy duty machine 2*3= \$6,111 Desilting of basin aquifers of 13 Kilometers of the main canal; each Kilometer is desilted in 17 hours; the desilting required 221 hour work (13*17) at an hourly rate of USD 265.385 = 265.385*13*17 = \$58,650 Hiring of supervisor engineer to follow-up the work through 45 days= \$1,480 for more details please see BoQ 2.14</i></p>						
2.15	Technical Supervision	D	0	500.00	4	100.00	0.00
	<p><i>This activity was cancelled; because it is bound by the implementation of activity in BL 2.15. Technical supervision for the canal rehabilitation Technical supervision for water trucking by expert 500 * 4 months = 2,000USD</i></p>						
2.16	Vector Control	D	1	78,401.96	1	100.00	78,401.96
	<p><i>In response to the flood crisis two campaigns of vector control and solid waste cleaning will be organized in 25 communities (50 campaigns). The budget line will cover the cost of: Eradication water stage parasite (draining stagnant water, burial of dambo, etc.) = US\$ 7,000 Supervision of the campaign = US\$ 4,9600 Provision of protective clothes/gear = US\$ 4,174 Rent of fog machine = US\$ 16,000 Provision of materials other than insecticide for vector control (Gazoline, etc)= US\$ 2,879 Provide tools for the campaigns = US\$ 23,499 Rental of tractors = US\$ 7,500 Vehicle rental = US\$ 12,750 Total = US\$ 78,401.96</i></p>						
	<b>Section Total</b>						<b>628,207.81</b>
<b>3. Equipment</b>							
NA	NA	NA	0	0.00	0	0	0.00
	NA						
	<b>Section Total</b>						<b>0.00</b>
<b>4. Contractual Services</b>							
NA	NA	NA	0	0.00	0	0	0.00
	NA						
	<b>Section Total</b>						<b>0.00</b>
<b>5. Travel</b>							
5.1	Consortium Field trips & meetings	D	3	225.00	8	100.00	5,400.00
	<p><i>Field visits to projects locations by consortium members (partners) across the 4 targeted localities along with conducting follow up meetings 3 trips per month for the period of 8 months, 2 staff members for each trip for a number of 3 days depending on the locality with a DSA cost of \$13.5 per person per day.  Including vehicles rent \$ 144 DSA \$13.5 * 2 staff * 3 days = \$ 81  additional 3 trips</i></p>						
5.2	PA domestic travel	D	4	620.00	1	100.00	2,480.00
	<p><i>Travels from Khartoum to Kassala and from Kassala to Khartoum for M&amp;E, strategic support , documentation and others - including flights tickets, transportation and full accommodation costs. A total of four (4) trips will be conducted by Country office staff during the project life span. Cost per trip for one person for 5 days Flight tickets \$ 400 (2 way) DSA \$44 * 1 staff * 5 days = \$220  Additional 3 trips</i></p>						



5.3	PA field trips	D	2	190.00	8	100.00	3,040.00
	<i>field visits by PA team to project locations in North Delta &amp; Telkok localities for implementation, monitoring and follow up, 2 trips per month for a period of 8 months, 3 staff member for each trip with a duration of 2 days per trip, DSA cost estimated to be \$11.7 per person per day</i>  <i>including vehicles rent \$ 120</i> <i>DSA \$11.7 * 3 staff * 2 days = \$ 70</i>  <i>Additional 3 trips</i>						
	<b>Section Total</b>						<b>10,920.00</b>
<b>6. Transfers and Grants to Counterparts</b>							
6.1	WHH total Budget (excluding PSC)	D	1	634,762.31	1	100.00	634,762.31
	<i>Detailed budget Attached - entitled to 7% PSC</i>						
6.2	FPDO total Budget (excluding PSC)	D	1	302,014.69	1	100.00	302,014.69
	<i>Detailed budget Attached - entitled to 7% PSC</i>						
	<b>Section Total</b>						<b>936,777.00</b>
<b>7. General Operating and Other Direct Costs</b>							
7.1	Consortium Contribution to Office rent - Kassala	S	1	2,600.00	8	50.00	10,400.00
	<i>50% share of the monthly office rent in Kassala for 8 months.</i>						
7.2	Consortium Contribution to office running cost - Kassala	S	1	1,950.00	8	50.00	7,800.00
	<i>50% of the total monthly Kassala office running cost including utilities, services, and office maintenance.</i>						
7.3	Consortium Contribution to office safety & security cost - Kassala	S	1	1,300.00	8	50.00	5,200.00
	<i>50% of the total monthly safety &amp; security cost for Kassala office and staff including; security contract, safety material, COVID 19 hygiene material and other related costs.</i>						
7.4	Consortium Contribution to Vehicles running cost - Kassala	S	1	1,765.40	8	50.00	7,061.60
	<i>50% of the total monthly Vehicles running cost in Kassala (fuel, maintenance, insurance, lubricants, spear parts ..etc)</i>						
7.5	Consortium Contribution to PA Field office Generator costs - Kassala	S	1	1,560.00	8	50.00	6,240.00
	<i>50% contribution to Kassala office monthly generator operational costs including fuel and filters.</i>						
7.6	Contribution to IT services - Kassala	S	1	1,560.00	8	50.00	6,240.00
	<i>50% of the total monthly IT services costs for Kassala office including; internet services, tonners for printers..etc.</i>						
7.7	Contribution to PA Country Office rent - Khartoum	S	1	3,000.00	8	30.00	7,200.00
	<i>30% share of the monthly country office rent in Khartoum</i>						
7.8	Contribution to PA Country office running cost - Khartoum	S	1	983.33	8	30.00	2,359.99
	<i>30% contribution to Country office monthly running cost (utilities, building maintenance, bank charges and consumables)</i>						
7.9	contribution to PA Country office safety & security cost - Khartoum	S	1	700.00	8	30.00	1,680.00
	<i>30% contribution to Country office monthly safety &amp; security cost (security contract, safety material, COVID 19 hygiene material )</i>						
7.10	Contribution to PA Country office vehicles running cost - Khartoum	S	1	1,400.00	8	30.00	3,360.00
	<i>30% contribution to country office monthly Vehicles running cost (fuel, maintenance, insurance, lubricants, spear parts..etc)</i>						
7.11	Contribution to PA Country office Communication cost - Khartoum	S	1	600.00	2	22.00	264.00
	<i>22% contribution to country office monthly communication cost (bills for internet services, telephone lines..etc)</i>						
7.12	Contribution to PA Country office IT services - Khartoum	S	1	2,872.74	2	22.00	1,264.01

	<i>22% contribution to monthly IT services (Computer equipment, computer maintenance, tonners for printers..etc)</i>						
7.13	Contribution to PA Visibility & Knowledge sharing package	S	1	1,376.36	1	100.00	1,376.36
	<i>Project Visibility documentaries, printed visibility items (T-shirts, bags, notebooks, pens..etc)</i>						
7.14	Contribution to PA Country office Generator costs - Khartoum	S	1	800.00	3	22.00	528.00
	<i>22% contribution to country office monthly generator operational costs including fuel and filters.</i>						
7.15	Contribution to PA Field office Communication - Kassala	S	1	500.00	8	50.00	2,000.00
	<i>50% contribution to Kassala office monthly communication cost (bills for internet services, telephone lines..etc)</i>						
7.16	Contribution to PA Field office Consumables - Kassala	S	1	1,040.00	8	50.00	4,160.00
	<i>50% contribution to Kassala office monthly consumables costs including cleaning material, kitchen consumables and gas...etc</i>						
7.17	Recruitment cost	D	1	1,000.00	1	50.00	500.00
	<i>50% of Cost related to the recruitment of new staff including; advertisement, labor office fees and others.</i>						
7.18	Security Equipment Khartoum and Kassla	D	1	5,042.00	1	50.00	2,521.00
	<i>Provision of lights, CCTV to increase security of PA Offices; 50% of the cost will be paid by the project.</i>						
	<b>Section Total</b>						<b>70,154.96</b>
<b>SubTotal</b>			3,700.00				<b>1,775,447.64</b>
Direct							1,634,221.01
Support							141,226.63
<b>PSC Cost</b>							
PSC Cost Percent							7.00
PSC Amount							124,281.33
<b>Total Cost</b>							<b>1,899,728.97</b>

**Project Locations**

Location	Estimated percentage of budget for each location	Estimated number of beneficiaries for each location					Activity Name
		Men	Women	Boys	Girls	Total	
Kassala > Hamashkoreeb	35.00000	0	0	0	0	0	FSL: Activity 1.1.1: Provision of local fodder mix and salt licks that... FSL: Activity 1.1.2: Conduct of LEGS extension training sessions: ... FSL: Activity 1.1.3: - Conduct inclusive community orientation session... N: Activity 1.1.1: distribution of RUSF supplies for moderately maln... N: Activity 1.1.2: Supporting Community based Management of acute Ma... N: Activity 1.1.3: • Supporting referrals for Severely malnourished ... WASH: Activity 1.1.1: Water trucking in the locations of the highest ne... WASH: Activity 1.1.2: HK & Aroma: rehabilitation of 7 mini-water yards ... WASH: Activity 1.1.3: Hygiene awareness and kits; - awareness rais... WASH: Activity 1.1.4: Establishing water testing systems in the rehabil... WASH: Activity 1.1.5: Provision and installation of water storage bladd...
Kassala > North Delta	13.00000	0	0	0	0	0	FSL: Activity 1.1.1: Provision of local fodder mix and salt licks that... FSL: Activity 1.1.2: Conduct of LEGS extension training sessions: ... FSL: Activity 1.1.3: - Conduct inclusive community orientation session... WASH: Activity 1.1.1: Water trucking in the locations of the highest ne... WASH: Activity 1.1.2: HK & Aroma: rehabilitation of 7 mini-water yards ... WASH: Activity 1.1.3: Hygiene awareness and kits; - awareness rais... WASH: Activity 1.1.4: Establishing water testing systems in the rehabil... WASH: Activity 1.1.5: Provision and installation of water storage bladd...
Kassala > Reefi Aroma	14.00000	0	0	0	0	0	FSL: Activity 1.1.1: Provision of local fodder mix and salt licks that... FSL: Activity 1.1.2: Conduct of LEGS extension training sessions: ... FSL: Activity 1.1.3: - Conduct inclusive community orientation session... WASH: Activity 1.1.1: Water trucking in the locations of the highest ne... WASH: Activity 1.1.2: HK & Aroma: rehabilitation of 7 mini-water yards ... WASH: Activity 1.1.3: Hygiene awareness and kits; - awareness rais... WASH: Activity 1.1.4: Establishing water testing systems in the rehabil... WASH: Activity 1.1.5: Provision and installation of water storage bladd...

Kassala > Telkok	38.00000	0	0	0	0	<p>FSL: Activity 1.1.1: Provision of local fodder mix and salt licks that...</p> <p>FSL: Activity 1.1.2: Conduct of LEGS extension training sessions:</p> <p>...</p> <p>FSL: Activity 1.1.3: - Conduct inclusive community orientation session...</p> <p>WASH: Activity 1.1.1: Water trucking in the locations of the highest ne...</p> <p>WASH: Activity 1.1.2: HK &amp; Aroma: rehabilitation of 7 mini-water yards ...</p> <p>WASH: Activity 1.1.3: Hygiene awareness and kits;</p> <p>- awareness rais...</p> <p>WASH: Activity 1.1.4: Establishing water testing systems in the rehabil...</p> <p>WASH: Activity 1.1.5: Provision and installation of water storage bladd...</p>
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## Documents

Category Name	Document Description
Budget Documents	FPDO budget .xls
Budget Documents	WHH Budget Template_.xls
Technical Review	Guidance note on PSEA AAP and communication- final.docx
Technical Review	ERRM and PSEA Indicators.xlsx
Technical Review	SHF ERR LFA and PWD indicators.xlsx
Budget Documents	Updated_WHH Budget Template_.xls
Budget Documents	Comment on the Sub IP budget - FPDO - project 20988.xls
Budget Documents	Comment on the Sub IP budget - WHH - project 20988.xls
Budget Documents	PA budget responds_ 12 Jan.xls
Budget Documents	FPDO Budget Responds.xls
Budget Documents	WHH budget responds.xls
Budget Documents	Comment on WHH budget responds.xls
Budget Documents	Comment on FPDO budget responds.xls
Budget Documents	Comment on FPDO budget responds(2).xls
Budget Documents	Sub IP budget - WHH replies - project 20988_20.01.2022.xls
Budget Documents	Comment on FPDO budget responds(2).xls
Budget Documents	Sub IP budget - WHH replies - project 20988_20.01.2022.xls
Budget Documents	09 BudgetReport (Responds-portfoilo-BoQs) 23Jan.xls
Budget Documents	Sub IP budget - WHH replies - project 20988_20.01.2022-updated version .xls
Budget Documents	Sub IP budget - WHH replies - project 20988_26.01.2022-updated version.xls
Budget Documents	Comment on FPDO budget responds(2)(2).xls
Budget Documents	11 BudgetReport (Responds-portfoilo-BoQs) 26Jan.xls
Budget Documents	Final WHH - project 20988_02.02.2022.xls
Budget Documents	12 BudgetReport (Responds-portfoilo-BoQs) 2Feb.xls
Grant Agreement	Grant Agreement PA 20988.pdf
Grant Agreement	Grant Agreement PA 20988_HC Singed.pdf
Grant Agreement	Grant_Agreement_PA_20988_HC_pA_Signed.pdf

Grant Agreement	Grant_Agreement_PA_20988_HC_pA_Signed.pdf
Grant Agreement	EO signature GA SDN 20988.pdf
Revision related Documents	Toped-up RfEP case for funding_drought_ Kassala revised.doc
Revision related Documents	SHF Kassala budget + TOP UP.xls
Revision related Documents	SHF Kassala budget + TOP UP.xls
Revision related Documents	SHF Kassala Budget and BoQs.xls
Revision related Documents	PA Kassala Toped-up Budget + BoQs.xls
Revision related Documents	FPDO Toped-Up + BoQs.xls
Revision related Documents	WHH Toped-up + BoQs.xls
Revision related Documents	Copy of FPDO Budget + Top UP + BoQ1.xls
Revision related Documents	Comment on PA 20988 - FPDO Budget.xls
Revision related Documents	PA Kassala Toped-up Budget + BoQs(2).xls
Revision related Documents	Copy of WHH Budget + Top UP + BoQ_16.8.2022 FP.xls
Revision related Documents	Comment on PA 20988 - FPDO Budget.xls
Revision related Documents	Comment on PA 20988 - FPDO Budget.xls
Revision related Documents	PA Kassala Toped-up Budget + BoQs(1).xls
Revision related Documents	SHF Revision request _ HC Approval top up dry spell and crop failure projects.pdf
Revision related Documents	PA 20988 - FPDO Budget.xls
Revision related Documents	SHF Revision request _ HC Approval top up dry spell and crop failure projects.pdf
GA Amendment	Grant Agreement Amendment PA 20988.pdf
GA Amendment	Grant Agreement Amendment PA 20988 signed by HC.pdf
GA Amendment	Grant Agreement Amendment PA 20988 signed by HC.pdf
GA Amendment	Grant Agreement Amendment PA 20988 signed by Partner.pdf
GA Amendment	SUD-20988_EO-GAA_2022-09-16 CE.pdf
Revision related Documents	PA Kassala Toped-up Budget + BoQs(Oct.).xls
Revision related Documents	Copy of FPDO Budget + Top UP + BoQ -October 22.xls
Revision related Documents	PA Kassala Toped-up Budget + BoQs(Oct.).xls
Revision related Documents	Copy of WHH Budget + Top UP + BoQ_05.10.2022.xlsx
Revision related Documents	Copy of WHH Budget_Top UP + NCE+BoQ_26.10.2022.xlsx
Revision related Documents	PA Kassala Toped-up Budget + BoQs(Oct.).xls
GA Amendment	Grant Agreement Amendment PA 20988.pdf
Revision related Documents	SHF Revision _ HC Approval - PA 20988.pdf
GA Amendment	Grant Agreement Amendment PA 20988 signed by HC.pdf
GA Amendment	Amendment to Agreement Signed by PA.pdf
GA Amendment	Amendment to Agreement Signed by PA.pdf
GA Amendment	SUD-20988_EO-GAA_2020-11-01.pdf