

Requesting Organization :	Practical Action (formerly Intermediate Technology Development Group)			
Allocation Type :	2018 – SHF 2nd Round Standard Allocation			
Primary Cluster	Sub Cluster	Percentage		
FOOD SECURITY AND LIVELIHOODS		39.60		
WATER, SANITATION AND HYGIENE		60.40		
		100		
Project Title :	Multi-sector Approach to Reduce Acute Malnutrition and Build Resilience of Drought Affected Communities in Telkok and Hamashkoreib Localities, Kassala State (Envelope 4a)			
Allocation Type Category :				
OPS Details				
Project Code :		Fund Project Code :	SUD-18/HSD20/SA2/FSL-WASH/INGO/8381	
Cluster :		Project Budget in US\$:	1,749,884.65	
Planned project duration :	24 months	Priority:		
Planned Start Date :	01/05/2018	Planned End Date :	30/04/2020	
Actual Start Date:	01/05/2018	Actual End Date:	30/04/2020	
Project Summary :	<p>In line with nutrition cluster objective of stabilizing and reducing malnutrition, mortality and morbidity levels and related outcome 3: Vulnerable residents in targeted areas have improved nutrition status and increased resilience; Practical Action (PA), Sudanese Organization for Research and Development (SORD) and Sudan Vision Organization (SVO) consortium is proposing through this allocation to provide integrated multi-sector nutrition sensitive interventions.</p> <p>Integrated multi-sector proposed interventions will include comprehensive WASH and FSL packages of actions in both Telkok and Hamashkoreib localities to reach 57,886 people, including 17,366 Women, 18,524 men, 10,778 girls and 11,218 boys. Gender-sensitive FSL and WASH program in both localities will be complemented by the ongoing DIFD WASH and EU food security implemented by Practical Action and partners of “Water for The Three States” consortium. It will also build on the experience of Joint Resilience Project (JRP) implemented by WFP, FAO and UNICEF in partnership with SORD and SVO in Kassala state (2015-2017).</p> <p>Above mentioned population will be targeted by nutrition sensitive FSL and WASH interventions focusing on addressing causes of severe acute malnutrition as well as strengthening community resilience to climate shocks through enhanced food security, agricultural and livestock productivity as well as availability of drinking water in the 16 targeted villages in the two localities. Moreover, FSL soft component that includes awareness raising on the important of healthy diet in addition to women training on food processing for malnutrition, establishment of women farms, and distribution of agricultural tools, seeds and seedlings to promote cultivation of drought resistant crops, vegetables and horticulture will be provided to increase household food production. Promotion of climate smart and resilient crops and livestock production systems, protection of livestock based livelihoods in pastoral and agro pastoral community through provision of emergency livestock assistance, livestock watering and temporary employment opportunities (cash for work) will increase the ability of the target beneficiaries to access adequate food from the local markets and increase their resilience to shocks.</p> <p>Intervention of WASH planned activities includes rehabilitation, construction and/or upgrading to solar operated mini water yards and hand pumps to ensure beneficiaries have sustainable access to adequate quantities of safe-drinking water with support by training for care takers and management committees. To improve sanitation and hygiene; awareness raising sessions using CATS and CLTS will be organized includes hand washing facilities to maintain community free of open defecation. Sensitize and mobilize community to improve hygiene practice and sanitation measures. Water catchments hydrological studies prepared by ongoing WASH project in Telkok and Hamashkoreib (DFID funded Water for The Three States Project) will be additional source of information in order to select the appropriate water interventions in the targeted villages.</p> <p>Experiences and lessons learnt throughout the project implementation will be designed into knowledge products and shared with communities and stakeholder in order to promote innovative FSL and WASH solutions and contribute to impact sustainability and support future interventions targeting population under similar context.</p>			
Direct beneficiaries :				
Men	Women	Boys	Girls	Total
18,524	17,366	11,218	10,778	57,886

Other Beneficiaries :

Beneficiary name	Men	Women	Boys	Girls	Total
Agro-Pastoralists	13,892	13,033	8,397	8,069	43,391
Pastoralists	4,632	4,333	2,821	2,709	14,495

Indirect Beneficiaries :

More than 90,000 people in the two localities -mainly from neighboring villages and passing pastoralists' households - will benefit from the outputs of the project by accessing diversified food and water supply for human and livestock. Additionally, nomadic groups passing with their livestock seasonally to access Gash delta for grazing livestock on harvest agricultural residues will also benefit from the project interventions in water supply and improvement of grazing conditions.

Catchment Population:

170,000 people in the two localities will positively impacted by the enhanced situations in Telkok and Hamashkoreib. That includes availability of nutritious vegetables and fruits in the local markets, improved pasture, and increased access to water sources, in addition to the capacitated personnel in veterinary services, hygiene promotion, water infrastructure care-taking and trained farmers and pastoralists in the area.

Link with allocation strategy :

This project shows further linkage to HRP 2018 to end allocation strategy by addressing critical humanitarian needs for most of vulnerable communities in the defined localities of Hamashkoreib and Telkok. Humanitarian needs are identified by different sectors to improve nutrition outcome and contribute to reducing and mitigating currently existing problems that exacerbated by the ongoing drought. The affected groups include U5 children boys and girls, PLW, other young children groups as well as, adolescent girls/women of child bearing age, in addition to farmers and women groups who are suffering from the impact of the current drought. The project consists of a group of broad objectives and outcomes that promote integrated multi-sector programming around nutrition outcomes.

This multi-sector humanitarian intervention fully contributes to the second allocations objectives and overarching three years strategy 2017-2019 defined early by 2016 Sudan HRP, by aiming to provide multi-cluster lifesaving and resilience programing implemented in partnership with UNICEF, and WFP. This project also contributes to nutrition sector objective: Stabilize and reduce malnutrition, mortality and morbidity levels and outcome 3: Vulnerable residents in targeted areas have improved nutrition status and increased resilience to drought (or slow onset stresses). This will be through improved access to safe-drinking water, hygiene and sanitation and supporting food security and livelihood interventions. Activities will be both short and medium term in delivery that range from educational and awareness to improve household vegetation, to short term distributions of bread livestock fodder, and seeds.

The project will ensure accountable and cost-effective interventions that aim to strengthen beneficiaries' capacity to cope with current humanitarian situations and maximize the impact toward nutrition outcome. The proposed project activities are fully integrated targeting beneficiaries in the defined geographical locations identified by different clusters, in-order to ensure synergistic effect to improve overall well-being of affected populations. However; given the prevailing economic factors that deteriorate the coping mechanisms of the target population and expected increase on malnutrition caseload, the project will establish a system that helps identify the nutrition needs through assessments as well as consultations with women, adolescents and youth committees on regular basis throughout the project duration and ensure the project activities, targets and budget is reviewed regularly to respond to these needs.

Sub-Grants to Implementing Partners :

Partner Name	Partner Type	Budget in US\$
Sudanese Organization for Research & Development (SORD)	National NGO	238,530.80
Sudan Vision Organization (SVO)	National NGO	462,614.50
		701,145.30

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

Other Funding Source	Other Funding Amount

Organization focal point :

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Muna Eltahir Hamdan Eissa	Country Director - Practical Action	muna.eltahir@practicalactionsd.org	+249 912143005
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BACKGROUND**1. Humanitarian context analysis**

Sudan HRP indicated that 4.8 m of population are in-need for humanitarian assistance including 450,000 in Kassala governorate, in 2017. This crisis is attributed largely to many factors including the current escalating drought situation. Planned intervention defined by 2017 second allocation strategy prioritized based on vulnerability. The food security situation in Kassala is deteriorating due to unfolding drought and the macro-economic shortfall the country has been experiencing. Hamashkoreib, Telkok and Aroma localities are under chronic food insecurity because of structural causes including lack of awareness on climate smart agriculture, cultural issues related to feeding practices, lack of nutritional education and general poverty. According to livelihood zoning plus – FEWSNET, these geographical areas are experiencing repeated various natural shocks such as; erratic rainfall/drought, livestock diseases, staple food price spikes, livestock price fall, and crop diseases. Serious rain failure strikes about one year in three, taking its toll on livestock and therefore impoverishing people of their basic capital and coping mechanisms. The October 2017 Integrated Food Security Phase Classification (IPC) report classified Hamashkoreib and Telkok localities as Phase 3 (crisis). In 2017, poor rainfall was observed in Kassala, the impact has been especially severe in Kassala, where unsuccessful rainfall has resulted in dry conditions in seven of the state's 10 localities. According to WFP market monitor, year by year headline inflation was high (+25%) and the national currency was weaker than in 2016. The government's economic stabilization policy has included removing wheat subsidies and devaluation of the Sudanese Pound, a move that has triggered protests across the country in anticipation of soaring food prices. Sorghum and millet prices were at Alert for Price Spikes (ALPS) crisis level in all monitored markets. Sorghum prices increased by 76 percent compared to the same period of the previous year (January 2017).

These changes in the macro-economic of the country are likely to result in further increases in staple food prices and reduce poor households' ability to access food from markets. As result of that around 450,000 populations are affected and need of assistance in Kassala state including around 170,000 population in both Telkok and Hamashkoreib, are suggested to be under chronic food insecurity because of structural causes. The poor rainy season during 2017 has remarkably reduced the purchasing power and impacted the food security and nutrition status for most of the vulnerable group. It was found that only 15 to 20% of the households can access to fodder from the market while fodder gap is estimated to be 7.9 million during January – March 2018. The conducted S3M by UNICEF during 2013 has shown high malnutrition rates. In Hamashkoreib, over 11,000 <5's, prevalence of GAM, SAM and stunting for the <5 population are respectively 16.71, 4.23, and 16.2 & 2.45 for GAM and SAM respectively. A yearly burden of 5,700 MAM, over 1,000 SAM and over 10,000 stunted <5's was projected, maternal mortality is very high - 245 maternal deaths per 100,000 births and high Child marriage rates of 17% of girls under the age of 15.

WASH situation within the household in Kassala is poor, where the improved water sources are 47.06% while improved house hold sanitation facilities are only 6.97% (MICS, 2014).

2. Needs assessment

The proposed multi-sectoral intervention project will target the most affected localities by drought namely Telkok and Hamashkoreib localities. The localities have been identified by SHF 2018 second allocation to be the most vulnerable to food insecurity and malnutrition. WFP household level food security assessment (December 2017) described the situation of rainfall shortage and dry conditions in Hamashkoreib, Telkok and Aroma to have negative impacts on crop harvest and livestock condition, challenge food availability and access and that the acute challenge to food security is compounded by food insecurity and malnutrition. FAO Early Warning Assessment of Hamashkoreib, Telkok and Aroma confirmed the negative impact of dry spells, minimizing agricultural production with only 14% of the farmers have been able to cultivate, very poor livestock pasture water availability, high drugs prices and animal feed and impacts on its body conditions . WFP December 2017 assessment at the two localities have also revealed that 50-70% of the water sources are nonfunctional and that most of the water supply sources will dry up by end of December 2017. Poor pasture conditions and water availability in the area created fodder gap and impacted the body conditions of livestock (WFP Sudan Monthly Market Update January 2018). WFP report also shows that food supplies in the local markets has been notably reduced, consequently as a result, soaring food making staple food supplies inaccessible to vulnerable populations. The main staple food (sorghum) prices increased by 40.3% in January 2018 compared to December 2017 and as a consequence the majorities in the two localities were unable to afford food basket those increasing from 5% in 2012 assessment to 56% in 2017 and with 100% and 96% of household income is spent on food purchases due to the sharp increase in food item prices. 36% of households resort to environmentally unfriendly charcoal for coping and many more are pursuing coping strategies such as migration to towns (leaving children, women and elderlies in such harsh conditions) and reduced meal.

Hamashkoreib reported the highest average percentage (18%) of people with poor and borderline food consumption score (FCS) in December. 10% in Telkok locality reported borderline FCS category. Low consumption of animal source protein and vitamin A rich fruits and vegetables, created a risk of micronutrient deficiencies. In Telkok and Hamashkoreib according to 2013 Simple Spatial Surveying Method (S3M) data 27,019 children <5 years old (boys and girls) and 2,053 (Pregnant and Lactating Women) (PLWs) were in-need of nutrition assistance as well as maternal and child health care (MCH) services. SRC baseline study (2017) indicates serious sanitation problem where 56.9%, Hamashkoreib and 64.0%) Telkok practice open defecation and while 80.7% latrines in Hamashkoreib 79.5% in Telkok where found to be without hand washing facilities and Schools and health centers were found to be with poor WASH interventions.

KAP survey and water infrastructure condition assessment were conducted at both localities as part of DFID funded water for the three states project, and proposed activities were designed in accordance with the gaps identified. Further focus group discussions (FGDs) conducted in the two localities (by Practical Action, SVO and SORD teams in Telkok and Hamashkoreib) have reflected the different needs of communities groups in the area. Community urgent needs included; the need for safe drinking water sources, agricultural inputs in order to resume cultivation in the area, knowledge and skills for income generation, livestock services to maintain animals health and productivity...etc. It also revealed the great need for sanitation and hygiene promotion, and the need for raising the nutrition awareness in terms of cultivation varieties, feeding culture and food reservation knowledge and skills.

3. Description Of Beneficiaries

Proposed activities will target more than 57,886 population including 17,366 Women, 18,524 men, 10,778 girls and 11,218 boys who are severely affected by the deteriorating humanitarian condition in Kassala state. 32,292 people will be targeted in eight villages in Telkok locality which are; Takyayia, Tahady Adrdeb, Gadamaib Abu Sangra, Maman Bemook, Maman Elmasjed, Eltayout, Erdrut and Hashaniet East. Other eight villages will be targeted in Hamashkoreib with 25,594 population; Kotanaib Adri, Arediab Lwaieb, Adrediab School, Lamfeef, Windy, Rassy, Odi East and Hamashkoreib.

The program will target vulnerable household with malnourished children, food insecure households with children at heightened risk of malnutrition, female-headed households as well as Pregnant and lactating women in Hamashkoreib and Telkok localities of Kassala state. The consortium partners have a set of socioeconomic criteria that identify beneficiaries based on; number of malnourished children per household, household monthly income, household size, educational level of HH head, employment status of HH head, gender and age of the HH head and his/her health status. Particular attention will be given to older people and people with disabilities. Women and women-headed households will always prioritized. The socioeconomic criteria will be finalized in consultation with the target communities (Discussions with men and women will be conducted separately), and community leaders.

This will be complemented by ongoing Practical Action and partners' food security and WASH interventions with focus on those villages which are not serviced by ongoing projects. It will also base on data exchanged between SHF partners in the two localities, especially for malnutrition cases among children and PLW in the 16 villages.

4. Grant Request Justification

The proposed intervention will contribute to HRP outcome 3 (reduce acute malnutrition) and overall SHF 2018 Envelope 4 Acute Malnutrition Kassala allocation parameters and eligible actions. An integrated multi-sector immediate lifesaving assistance package – with a resilience lens applied to address the multi-dimensional immediate and underlying causes of soaring acute malnutrition rates in Hamashkoreib and Telkok localities. The proposed immediate interventions are complemented with interventions that aim at the prevention of malnutrition, reducing vulnerabilities to food insecurity and building resilience of communities to natural shocks and stresses.

The consortium is seeking funding through SHF mechanism to tackle acute malnutrition problems in two localities which are among the highest severity score 5 according to 2018 FSL-HNO severity ranking draft. The program strategy is formulated to address the causal pathways of malnutrition in the target areas. The proposed consortium multi-sectors gender sensitive activities are looking to complement the current ongoing WASH and FSL program these activities will contribute to improve dietary intake and reduce people's livelihood vulnerability to shocks.

The program will support about 47,922 vulnerable women and men in Telkok and Hamashkoreib by training and inputs to produce nutritious food through promotion of home gardening and restocking of goats (for women individuals and FHH), increase household food production through the promotion of climate smart crops and livestock production systems, and improve access to livestock watering. Through temporary employment opportunities program (cash for work), the program will increase the availability and ability of the target beneficiaries to access adequate food from local markets and develop community livelihood assets.

Through this allocation, WASH package of recommended WASH interventions defined clearly within the allocation strategy will be delivered at both community based including schools & HH and facility based. The cluster interventions are mainly around CLTS, water quality and quantity provided in participatory fashion in coordination with targeted communities. In addition to build the capacity of targeted communities in sanitation and water infrastructure management.

Consortium members have established working relations with the communities in the two localities. Practical Action has supported establishment and capacity building of community based organizations those are oriented to select the most vulnerable for project benefits. Consortium National Partners (SORD and SVO) have long presence and excellent skills for community mobilization in the two targeted localities. Within such conservative setting that restricts women participation in outdoor affairs, consortium members succeeded in establishing women managed farms, and women at water supply management committee. This will be continued through this proposal where special attention is given to removing cultural barriers to inclusion and access of women to planned interventions by creating facilitating environment to their participation in complementary WASH and agriculture related intervention and raise their image as vital community service providers.

5. Complementarity

The actions proposed in this project will complement other ongoing and recent nutrition and food security projects implemented by consortium partners in Hamashkoreib and Telkok. An integrated multi sector assistance (food security, Livelihood and WASH) package will be provided to the same target communities or households either by ongoing WASH and food security project activities or new interventions.

Consortium lead and partners will ensure coordination with line ministries – in particular agriculture and water authorities (State Water Corporation -SWC) to ensure complementarity to ongoing and planned interventions with those undertaken by these ministries and in line with the government development policies. The project will also coordinate with the health and nutrition project supported by SHF and implemented by TOD & KPHF Organization covering both targeted localities and complement its planned interventions.

A nutrition sensitive WASH and food security component will look at building households and communities resilience to the impact of hazards, and strengthen households' ability to respond and recover from shocks. Nutrition sensitive food security component will aim to address the underlying causes of malnutrition, provision of diversified and nutritious food at household level, improved production of crops to enable families and communities cope with climatic hazards, environmental conservation activities that mitigate the environmental hazards and build communities resilience to these shocks on their livelihoods. Diversifying livelihoods options of vulnerable families including income generation activities and access to community managed saving and loan activities will support families strengthen their coping mechanisms.

WASH interventions will provide access to safe drinking water and water for livelihoods as well as hygiene and sanitation activities that reduce the vulnerability of communities to diarrhea and other hygiene related outbreaks that contribute and worsen malnutrition.

On-going long term projects targeting these two localities on food security and WASH are contributing to enhancing access to water for household and animal consumption through integrated water resource management approach around the catchment areas (water for the three state project funded by DFID in Telkok and Hamashkoreib), while a complementary food security project funded by the EC is investing in alternative livelihoods for agricultural and animal husbandry activities as well as strengthening communities and other service providers capacities to deliver quality services to ensure sustainability of the interventions. Practical Action is also implementing EC funded livestock epidemic surveillance program covering the three eastern Sudan states and supports Kassala state and locality level animal laboratory and diagnostic systems, quarantines, vaccination, training of CAHWS, surveillance vehicles, mobile clinics and border check points.

Both PA and SVO are implementing WASH activities within Water for the Three States Consortium those include construction/rehabilitation of water supply and underground water recharge infrastructure, sanitation and hygiene awareness raising and related capacity building programs. SORD has an effective partnership with FAO, long experience in delivering FSL projects in East Sudan and established relations with communities and stakeholders in Hamshkoreib will ensure No overlapping and proper implementation while delivering FSL component in the locality. SVO and SORD were implementing partners within the JRP consortium in the two localities that delivered number of similar WASH and FSL interventions in the two targeted localities; partners' experiences will facilitate quality delivery of the project on ground. All activities are planned to be complementary and supplementary to one another, from consortium planning, to the monitoring and evaluation framework to ensure that cost-effective pr

LOGICAL FRAMEWORK

Overall project objective

Contribute to reduction of malnutrition among highly vulnerable population in Telkok and Hamashkoreib localities in Kassala state; through sustainable integrated multi sectors nutrition sensitive interventions

FOOD SECURITY AND LIVELIHOODS							
Cluster objectives		Strategic Response Plan (SRP) objectives			Percentage of activities		
Strengthen the nutrition-sensitive food and livelihoods security of affected communities		Outcome 3: NUTRITION AND RESILIENCE: Vulnerable residents in targeted areas have improved nutrition status and increased resilience			100		
<p>Contribution to Cluster/Sector Objectives : The project contributes to the cluster objective: Strengthen the nutrition-sensitive food and livelihoods security of affected communities, it contributes to food security and livelihood assets protection for the drought affected women, men, boys and girls to reduce current critical malnutrition rates and enable them to sustain acceptable nutrition rates, and avoid deterioration in nutritional status of people in particular children U5 and PLW.</p> <p>The project will provide: protection of livestock assets through provision of community-based veterinary services, control outbreaks, prevent diseases, decrease mortality rate and increase production of livestock by support animal vaccination and treatment. It will also improve and sustain access to sufficient food through improved access to drought tolerant and early maturing seeds, provide agricultural tools, and establish drip irrigation systems for women farms.</p> <p>In line with sector objectives and to contribute to reduction of malnutrition, the proposed project will introduce nutritious, vegetables, legumes and seedlings with relevant extension and training in use and mitigation of any related cultural barriers in collaboration with community-based women networks, and extension department (MoA).</p> <p>The project will promote climate smart agricultural practices including water harvesting and spreading for cultivation and grazing land to combat droughts related climatic patterns and improve resilience to cyclic droughts. The project will also contribute to resilient livestock production and productivity by support to water sources for livestock.</p> <p>Rehabilitation/upgrading of existing and construction of new water points will enable production of own diversified vegetables, legumes and fruits to enrich diets and ensure self-reliance. Women will be trained in agro-processing to enhance nutrition of the children, women, disabled and elderly, and preserve vegetables, fruits, meat and dairy products for own use in off-season lean periods and surplus for local markets.</p> <p>The project will also contribute to cluster objectives through conducting vocational and income generating activities training to youth and women including formation of Village Saving and Loans Associations (VSLAs). Access to self-employment and improved income will contribute to enhancing access of target communities to appropriate food intake and improve their resilience to drought conditions implications in agricultural and livestock production and productivity.</p> <p>The project will also contribute to income sources and facilitate access to food items by using cash for work in agricultural related activities including paid labor for; eradication of mesquite from cultivation areas and around Haffirs area. Cash for work will also be used to improve grazing land through water harvesting structure establishment. It also provides on-job training of pastoralist in fodder reservation to help their resilience to the situation of fodder shortage and livestock losses.</p> <p>All FSL activities will include relevant training to build the capacity of beneficiaries to sustain independent management and impact of the introduced interventions after the end of the project. Defined targeted groups in the 16 villages will receive an integrated package of training sessions to be delivered in close coordination with partners leading nutrition and health program in the area (within SHF fund). Joint – coordinated - training aims at enhancing the positive impact on nutrition status and maximize the invest in community volunteers' capacities available in the area.</p> <p>With increased food production among farming, agro-pastoralists and pastoralist communities and improved incomes among those who do not have access to livelihood assets, these interventions will increase food consumption, reduce malnutrition and its implications.</p>							
Outcome 1							
Individuals, families and communities most at risk of and affected by acute malnutrition in Hamashkoreib and Telkok localities are benefiting as a priority from complementary nutrition-sensitive food security and livelihoods support coordinated with other sectors and activities in a joint effort							
Output 1.1							
Description							
Delivery and accompanied support of most relevant nutrition sensitive agricultural inputs to 1400 agro-pastoralist and pastoralist households and communities most at risk of and affected by acute malnutrition in Telkok and Hamashkoreib							
Assumptions & Risks							
<p>Assumption:</p> <ul style="list-style-type: none"> - Climatic conditions are favorable for agricultural production. - Related technical departments link and coordinate with the project and target communities. <p>Risks:</p> <ul style="list-style-type: none"> - Cultural restrictions on women mobility. - Displacement due to environmental hazards (flood, drought, outbreak of epidemics). 							
Indicators							
			End cycle beneficiaries				End cycle
Code	Cluster	Indicator	Men	Women	Boys	Girls	Target
Indicator 1.1.1	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]. (HRP 2018)	4,284	4,116			8,400
Means of Verification : M&E reports. Districution lists. Training reports.							
Indicator 1.1.2	FOOD SECURITY AND LIVELIHOODS	Percentage of people those are able to meet minimum dietary requirements.					80
Means of Verification : - Household survey report. - Nutrition survey reports.							
Activities							
Activity 1.1.1							

Standard Activity : Provision of agricultural inputs (eg. seeds, tools etc.) and services (eg. trainings, community awareness session etc.)

Provide 925 small scale holders (625 in Telkok and 300 in Hamashkoreib) with essential inputs (moisture stress tolerance crops, vegetable and legumes seeds and tools) and complementary extension and training services in collaboration with the ministry of agriculture extension department. This will facilitate uptake of all early maturing crops and new vegetables and legumes production, and replication by other farmers.

Seeds includes; summer and winter vegetable seeds, cereals and legumes (8.17 kg/farmer), in addition to another preferred vegetable seed (carrot, eggplant or cucumber); 6 kg of sorghum, 2 kg of cowpea, 0.1 kg of okra, 0.05 kg of water melon, and 0.02 kg of tomato seeds, and will be distributed in summer and winter according to the type of the seeds in the two years of project life.

Priority will be given to families with SAM/MAM children/PLW cases, female and children headed households, older farmers, farmers with disabilities, chronically poor households and larger household (more than 7 children). Seeds will be distributed in a revolving-seed bank basis.

Activity 1.1.2

Standard Activity : Provision of agricultural inputs (eg. seeds, tools etc.) and services (eg. trainings, community awareness session etc.)

Support 350 Vulnerable female-headed households (250 in Telkok and 100 in Hamashkoreib) to establish and maintain home gardens with high nutrition-valued productivity. Beneficiaries will receive training on home gardening and horticulture practices, and inputs include a package of legumes and vegetables seeds, fruit seedlings and farming tools. New nutritious vegetables and legumes will be introduced and utilization will be facilitated by nutrition education to ensue positive impact on nutrition status in particular for women and children at household level.

Seeds includes; summer and winter vegetable seeds, cereals and legumes (8.17 kg/farmer), in addition to another preferred vegetable seed (carrot, eggplant or cucumber); 6 kg of sorghum, 2 kg of cowpea, 0.1 kg of okra, 0.05 kg of water melon, and 0.02 kg of tomato seeds. Seedlings will includes different citrus varieties.

Priority will be given to female-headed households whose family memebtrs are with SAM/MAM children / PLW cases, disability, old people, and more than 7 children. Seeds will be distributed in a revolving-seed bank basis.

Activity 1.1.3

Standard Activity : Not Selected

Support establishment of 5 women farms (25 women in each) in Telkok utilizing waste water from water yards in five villages (Erdrut, Eltayot, Maman Bemook, Gedamaib Abu Sangreb and Tahady Adredeb). The established farms will use drip irrigation systems and farmers will be provided by vegetables, legumes and sorghum seeds, seedlings production nurseries, farming tools and extension services by women agricultural Extentionist through related technical government departments.

Widows, women with more than 7 children, older women, women with disabilities and families with SAM/MAM children / PLW cases will be prioritized.

Women farms will provide targeted women with agricultural inputs (water, seeds and tools) in addition to training service to enable them cultivating nutritious food for the household consumption and to increase HH income through marketing the surplus. Women will be oriented about the impact of vegetables and legumes intake in the families' nutrition status and for children with malnutrition in particular. This activity will significantly contribute to the positive change in the food habit in the area. Practical Action and SORD have successful experiences in introducing women farms in the area. Seeds will be distributed in a revolving-seed bank basis.

Activity 1.1.4

Standard Activity : Not Selected

Conduct Household surveys at the beginning of the project (baseline) and post the project implementation to provide a benchmark and verification source for the progress toward the project targets. The household survey will be designed to provide reflective information about the household' dietary intake, income, behavior change, water and food consumption...etc.

Output 1.2

Description

Delivery and accompanied support of most relevant nutrition sensitive livestock input and services to 7987 agro-pastoralist and pastoralist households and communities most at risk of and affected by acute malnutrition in Telkok and Hamashkoreib

Assumptions & Risks

Assumption:

- Climatic conditions are favorable for livestock production.
- Related technical departments link and coordinate with the project and target communities.

Risks:

- Cultural restrictions on women mobility.
- Displacement due to environmental hazards (flood, drought, outbreak of epidemics).

Indicators

Code	Cluster	Indicator	End cycle beneficiaries				End cycle
			Men	Women	Boys	Girls	Target
Indicator 1.2.1	FOOD SECURITY AND LIVELIHOODS	Number of targeted people received livelihoods restoring agriculture and livestock inputs/services, trainings, and kits. (HRP 2018)	15,335	14,377	9,287	8,923	47,922

Means of Verification : Project reports MoAR reports

Indicator 1.2.2	FOOD SECURITY AND LIVELIHOODS	Number of Community Animal Health Workers trained and equipped with essential veterinary kits					32
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Means of Verification :							
Indicator 1.2.3	FOOD SECURITY AND LIVELIHOODS	Number of livestock watering points rehabilitated					2
Means of Verification : Projects reports							
Indicator 1.2.4	FOOD SECURITY AND LIVELIHOODS	Number of soil terraces and other range management techniques applied in the two localities					18
Means of Verification : - Project reports.							
Indicator 1.2.5	FOOD SECURITY AND LIVELIHOODS	Percentage of people those have access to adequate dietary intake from livestock sources.					80
Means of Verification : - Household surveys. - Nutrition survey reports.							
Indicator 1.2.6	FOOD SECURITY AND LIVELIHOODS	Number of joint coordination meeting organized					12
Means of Verification : Meetings minutes							
Activities							
Activity 1.2.1							
Standard Activity : Provision of veterinary (i.e. vaccination and treatment) and livestock inputs and services (eg. animal feed, watering, trainings, community awareness session etc.)							
<p>Veterinary services include treatment and support to vaccination campaigns to 50,000 heads of livestock (25,000 in Telkok and 25,000 in Hamashkoreib) owned by 5000 pastoral and agro pastoral households. Two vaccination campaigns (summer and winter) will be conducted in coordination with MoAR in year 2 of the project life.</p> <p>Trained CAHWs in both localities will be supported to join facilitation of the vaccination campaigns and awareness raising about its importance to animal health.</p>							
Activity 1.2.2							
Standard Activity : Provision of veterinary (i.e. vaccination and treatment) and livestock inputs and services (eg. animal feed, watering, trainings, community awareness session etc.)							
<p>Support to community based animal health services by providing refresher training for 32 CAHWs including 30% women from 16 villages in Telkok and Hamashkoreib (2 CAHWs per village) and provision of startup vet kits, support 2 community managed drug revolving units at localities level.</p>							
Activity 1.2.3							
Standard Activity : Provision of veterinary (i.e. vaccination and treatment) and livestock inputs and services (eg. animal feed, watering, trainings, community awareness session etc.)							
<p>Establish 16 pastoralist and agro-pastoralist associations (8 in Telkok and 8 in Hamashkoreib) and train them in fodder conservation techniques for dry seasons (50 member in each association). Three days training will focus on different simple techniques for conservation of green and dry fodder types for longer periods in order to maintain animal feed availability in the lean seasons.</p> <p>Priority will be given to pastoralist and agro-pastoralist households whose family members with SAM/MAM children/PLW cases, disability, old people and more than 7 children.</p>							
Activity 1.2.4							
Standard Activity : Provision of veterinary (i.e. vaccination and treatment) and livestock inputs and services (eg. animal feed, watering, trainings, community awareness session etc.)							
<p>Rehabilitation of 2 Haffirs for livestock watering in Tekyayi and Hashaniet East villages in Telkok locality to provide water for about 30,000 head of livestock owned by 3000 pastoral and agro-pastoral households in the area and those move with their animals through the seasonal migratory routes. Village was selected according to the existence of haffir that require rehabilitation, and priority was given to the closest one to the animal route.</p> <p>Rehabilitation work (with private contractor) includes re-construction of damaged parts, cleaning of the inlets and outlets and provision of required related supporting materials.</p>							
Activity 1.2.5							
Standard Activity : Provision of veterinary (i.e. vaccination and treatment) and livestock inputs and services (eg. animal feed, watering, trainings, community awareness session etc.)							
<p>Conduct 4 training sessions (2 in Telkok and 2 in Hamshkoreib) in Participatory Natural Resource Management mapping. Using a Participatory planning Development approach, this training will support communities to map the available natural resources in each locality (agricultural land, water, pasture..etc) and to illustrate the ways for better management of different resources. This training aims at building consensus between the different beneficiaries groups over the available natural resources and to avoid any related-conflict may occur. 100 trainees (30 women) from 16 villages represent; youth, women, community leaders and stakeholders at community level. The training will be facilitated by Natural Resource Management specialist and all required material will be provided for the natural resource mapping.</p>							
Activity 1.2.6							
Standard Activity : Provision of veterinary (i.e. vaccination and treatment) and livestock inputs and services (eg. animal feed, watering, trainings, community awareness session etc.)							
<p>Construct soil terraces and introduce modernized techniques for range management including nutritious range seeds (grasses & shrubs) broadcasting in 16 villages in Telkok and Hamashkoreib localities.</p> <p>This natural resource management input will improve pasture for 80,000 heads of livestock owned by 8000 pastoral and agro-pastoral households in livestock movement corridors for the benefits of livestock in the two targeted localities.</p> <p>Project will mobilize community labor through cash for work programming to implement this activity.</p>							

Activity 1.2.7

Standard Activity : Not Selected

Joint coordination meetings with KPHF and TOD (Nutrition and Health) in monthly basis to jointly coordinate for the mutual activities, exchange information, discuss challenges and successful approaches. Meetings will be rotationally held between the two consortia (Total of 12 meetings will be organized by PA consortium). The other 12 will be organized by KHPF-TOD consortia.

Project Launching workshop will be organized by PA consortium that will include all stakeholders and partners; TOD, KPHF, MoA, MoAR, WES, MoH, Nutrition Departments, sectors UN agencies in the area. In addition to joint half year reviews will be conducted every six months to assess the project progress and challenges.

PA consortium will also held an annual review for the project by the end of the first year, while the end of the project (end of year 2) workshop will be organized by KHPF-TOD consortium.

Output 1.3

Description

Delivery and accompanied support of most relevant nutrition sensitive micro-credit activities and services - including cash support, VSLA and similar initiatives - to households and communities most at risk of and affected by acute malnutrition in Telkok and Hamashkoreib.

Assumptions & Risks

Assumptions:

- Community willingness and collaboration.
- Community appropriate adoption of micro-finance mechanism.

Risks:

- cultural barriers and restrictions on women mobility.
- Cash for work management and possible misuse.

Indicators

Code	Cluster	Indicator	End cycle beneficiaries				End cycle
			Men	Women	Boys	Girls	Target
Indicator 1.3.1	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]. (HRP 2018)	2,310	2,220			4,530

Means of Verification : Distribution lists.
Projects reports.

Activities

Activity 1.3.1

Standard Activity : Provision of emergency livelihood start-up activities (eg. agrifood processing, restocking, fisheries, establishment of VSLA, multi-purpose cash programming etc.) and services (eg. training, community awareness sessions etc.)

Provide 3 heads flock of female small ruminant (sheep/goat) to 100 women headed households in Telkok locality. Additionally, every six households targeted above will be provided with 1 male animal for breeding purposes (sex ratio 1:18) - total of 17 male. Additional 10 males will be distributed to the selected families in Hamashkoreib for breeding purposes.

Restocking animals will be at reproductive age and from adaptive breed origin. Targeted household will be supplied with supplementary animal feed and mineral licks for three lean months/year in the first year (202.5 kg of supplementary animal feed per household).

Recipients HHs will receive the required awareness related to supplementary animal feed, breeding and husbandry.

Priority will be given to female-headed households whose family members are with SAM/MAM children / PLW cases, disability, old people, and more than 7 children.

Activity 1.3.2

Standard Activity : Provision of emergency livelihood start-up activities (eg. agrifood processing, restocking, fisheries, establishment of VSLA, multi-purpose cash programming etc.) and services (eg. training, community awareness sessions etc.)

Provide 70 Poultry flocks to selected vulnerable women in Hamashkoreib locality. Recipients will be selected according to acceptability. Provided poultry will be from indigenous cross-bred breeds those could adapt high temperature and drought conditions. Women will be trained in poultry farming and handling of white meat.

Priority will be given to female-headed households whose family members are with SAM/MAM children / PLW cases, disability, old people, and more than 7 children.

Activity 1.3.3

Standard Activity : Provision of emergency livelihood start-up activities (eg. agrifood processing, restocking, fisheries, establishment of VSLA, multi-purpose cash programming etc.) and services (eg. training, community awareness sessions etc.)

Expand cultivable land by clearing invasive mesquite trees in and close to water stream beds using cash for work, and replanting indigenous trees for replacement (e.g Dom, Sanganeeb and palm) in 950 Fedddan (750 in Telkok and 200 in Hamashkoreib).

Cash for work (daily payment) will be provided to 25 farmer in each of the 8 targeted villages in Telkok to clear 400 square meters of land per day for 40 days, while only 50 selected labor will participate in mesquite clearance action in Hamashkoreib locality for 42 days.

This activity will closely monitored by the lead agency in the two locality. Selection criteria includes; unemployed youth, persons with disabilities, extremely poor HH heads, illiterate people, families with SAM/MAM children/PLW cases.

Cleared land represent fertile cultivatable land will be utilized for vegetable and other nutritious crops cultivation.

Activity 1.3.4

Standard Activity : Provision of emergency livelihood start-up activities (eg. agrifood processing, restocking, fisheries, establishment of VSLA, multi-purpose cash programming etc.) and services (eg. training, community awareness sessions etc.)

Conduct 8 agro-processing training sessions (4 in each locality) for food reservation/processing (25 women each). A total of 200 women from the IYCF mother support groups and VSLAs in the 16 targeted villages will be trained for 5 full days in; vegetables, fruits, meat and dairy reservation by drying and other techniques, jams, juices, cheese and other dairy products making.

Training technical manual produced by Practical Action, GOAL and Women Development Association Networks will be guide the training.

Training supplies and equipment will be provided. Women will use agro-processing products to improve own households nutrition status and market their surplus products.

Delivery of the training package will be effectively coordinated with TOD in Telkok and KHPF in Hamashkoreib (consortia IPs implementing nutrition and FSL activities in the two localities).

Priority will be given to female-headed households whose family members are with SAM/MAM children / PLW cases, disability, old people, and more than 7 children.

Activity 1.3.5

Standard Activity : Provision of emergency livelihood start-up activities (eg. agrifood processing, restocking, fisheries, establishment of VSLA, multi-purpose cash programming etc.) and services (eg. training, community awareness sessions etc.)

Establish 13 women Village Saving & Loans Associations (VSLA); 8 in Telkok and 5 in Hamashkoreib to provide members with informal opportunity to save and control their cash incomes and obtain access to small, manageable micro capital investment.

Targeted women for VSLAs will be mainly IYCF mother support groups' members who will be also receiving agro-processing training package. Delivery of the training package will be effectively coordinated with TOD in Telkok and KHPF in Hamashkoreib (consortia IPs implementing nutrition and FSL activities in the two localities).

VSLA enables women to build leadership in their homes and enterprises. Members will receive a training course on VSLA, loans and business management.

VSLAs are autonomous, self-selecting organizations typically containing at least 20-25 members. The project will organize awareness raising sessions to initiate the discussion with wider communities on the concepts and principle and approaches of village based savings and loans so as to create an in-depth understanding and to avoid any confusion. Self-selection generally ensures a high level of trust among group members, which is vital for the group performance, especially when the total volume of savings kept by the group increases.

Priority will be given to female-headed households whose family members are with SAM/MAM children / PLW cases, disability, old people, and more than 7 children.

Additional Targets :

WATER, SANITATION AND HYGIENE

Cluster objectives	Strategic Response Plan (SRP) objectives	Percentage of activities
Target 100,000 food insecure people in non-conflict affected areas, which are ranked by the nutrition sector as the most affected by malnutrition in the country and improve resilience through durable solutions and adapted technologies	Outcome 3: NUTRITION AND RESILIENCE: Vulnerable residents in targeted areas have improved nutrition status and increased resilience	100

Contribution to Cluster/Sector Objectives : The planned interventions will directly contribute to 2018 2nd allocation strategy, HRP. The proposed consortium WASH interventions will help to create sustainable access to sufficient quantities of safe drinking water at institutions and community levels, and assist to promote best sanitation practices and hygiene behavior. This will be coordinated with ministry of health, Water and Environmental Sanitation Department, and locality-based health cadres, as well as linking to planned SHF-Health and Nutrition project targeting the same areas.

The project will rehabilitate and establish water infrastructure (water yards and hand pumps) to improve people' access to safe drinking water in the two localities those are most of risk and affected by acute malnutrition. Associated WASH committees will be established and trained to manage and maintain rehabilitated/established water sources and enhance the sustainability. Water monitoring systems those include water testing and treatment will be established for the different water points under the WASH committees' management to ensure water safety. Water harvesting infrastructure will also be introduced to improve water supply systems.

Two campaigns will be launched to raise awareness about sanitation and hygiene at community and institution levels (e.g. school hygiene promotion clubs). WASH committees' members, selected community women and men volunteers (of whom will be targeted by health and nutrition SHF projects in the area) will be trained in PHAST, CLTS and Hygiene promotion in order to promote sanitation practices and hygiene behaviour in the targeted communities. Joint coordinated trainings under WASH sector are designed to positively contribute to the overall goal of reducing morbidity and mortality associated with malnutrition in the area.

Outcome 1

Individuals, families and communities most at risk of and affected by acute malnutrition in Telkok and Hamashkoreib are actively participating in and benefiting from priority direct complementary nutrition-sensitive water, sanitation and hygiene support coordinated with other sectors and activities in a joint effort

Output 1.1

Description

Individuals, families and communities most at risk of and affected by acute malnutrition in Telkok and Hamshkoreib are actively participating in and benefiting from sustainable access to and utilisation of minimum standards of clean water

Assumptions & Risks

- Assumption:
- stable ground water availability.
 - Relevant ministries and department provide the required support and coordination.
 - Inflation rates remain manageable.
- Risks:
- Severe drought conditions and dry out of water supply sources.
 - User pay constrained by relief mentality.

Indicators

Code	Cluster	Indicator	End cycle beneficiaries				End cycle
			Men	Women	Boys	Girls	Target
Indicator 1.1.1	WATER, SANITATION AND HYGIENE	Number of residents of non conflict area have access to 10 liters of drinking water through water systems managed at community or local level (HRP 2018).	18,524	17,366	11,218	10,778	57,886

Means of Verification : Water infrastructure Assessment
KAP Survey

Indicator 1.1.2	WATER, SANITATION AND HYGIENE	Number of WASH committee members	112	48			160
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Means of Verification : Project monitoring report

Indicator 1.1.3	WATER, SANITATION AND HYGIENE	Percentage of HH that maintain a steady drinking water quality level within family reservoir or containers throughout the duration of the project.					90
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Means of Verification : - Household survey.
- Community Health Promotors reports.

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					30
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Means of Verification : Water infrastructure assessment
Project report

Activities

Activity 1.1.1

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

Total of 30 water points (water yards, hand pumps) will be either be constructed, rehabilitated or upgraded. Those include construction of 8 hand pumps and rehabilitation of another 12, rehabilitation of 4 water yards and upgrading another 6 to solar power operated at the two localities.

Villages were identified for water supply shortage during focus group discussions, key informants and observation of field monitoring staff. Locations for water supply sources selected to support water supply shortage mitigation are as follows:

- Construction of 8 HP in Hamashkoreib and Telkok localities..
- Rehabilitation of 4 water yards in Tahady Adrdeeb, Mamn Bemook, 2 in hamashkoreib,
- Rehabilitation of 12 HP in (5hp in each locality).
- Upgrading of 6 Water Yards into solar operated (4 in Talkok and 2 in Hamashkoreib) in each locality); Kotenaib Adri and Hamashkoreib in Hamashkoreib locality, in addition to Erdurt and Gadamaib, Maman Elmasjed and Eltayout in Telkok Locality.

These new intervention are expected to increase access to clean water supply to reasonable standards. Productivity of water supply varies with various technologies used. A hand pump provides for 500 people while water yards may cover the needs of 3000 – 5000 people.

Water supply will be provided through water lines to schools, health centers , community facilities and will also provide for maintaining sanitary standards,

Prior needs assessment for current water coverage and consumption rates have been already conducted, this activity is designed to contribute to improvement of water coverage in the two localities. PA and its “water for the three states” partners conducted hydrological studies in the two localities as part of the Water for East project, taking into consideration water balances and possible drought and depletion scenarios. However all targeted locations in this proposal are not part of the Water for East targets; they are part of the catchments areas those covered in the previously mentioned studies (NO overlapping).

Activity 1.1.2

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

Construction of check dams and other appropriate ground water recharging techniques (5 structures; 3 in Telkok and 2 in Hamashkoreib) to improve water supply systems and continuity of supply throughout the dry seasons in Eltayout and Maman Bemook villages in Telkok locality. These water harvesting techniques will increase ground water recharge and enhance water availability in the targeted villages (10,600 people; 3180 women, 3392 men and 4028 children).

Activity 1.1.3

Standard Activity : Conduct water quality testing and monitoring

ater Quality Monitoring / Treatment (Chlorination) in 16 villages covering 30 water points (17 in Telkok and 13 in Hamashkoreib) will be managed by water committees and coordinated with state water corporation. Indigenous treatment methods will be examined for improvement and introduction of modern techniques. This also includes establishment of water quality and quantity monitoring system (packages).

Water testing includes chemical and microbiological testing.

Activity 1.1.4

Standard Activity : Establsih WASH committee at community and/or institution level

Formation / activation of 16 WASH Committees (8 in each locality); 10 members each with at least 30% women representation and providing trainings for water management committees in water sources management; operation and maintenance in 16 villages. That in addition to the provision of maintenance standard and special tool kits to the newly constructed water points.

Output 1.2

Description

Individuals, families and communities most at risk of and affected by acute malnutrition in Telkok and Hamashkoreib are actively participating in and benefiting from the access to and utilisation of sanitation and Hygiene that meets minimum standards

Assumptions & Risks

- Community willingness and cooperation.
- Government is able to provide chlorination tablets and powder.
- Cooperation with line ministries.

Risk:

- Cultural hindrances to adopt behavioral change.
- Restrictions in women participation and mobility.

Indicators

Code	Cluster	Indicator	End cycle beneficiaries				End cycle
			Men	Women	Boys	Girls	Target
Indicator 1.2.1	WATER, SANITATION AND HYGIENE	Number of residents of non conflict area have are free from open defecation (HRP 2018).	18,524	17,366	11,218	10,778	57,886

Means of Verification : Sanitation & Hygiene promotion assessment report

Indicator 1.2.2	WATER, SANITATION AND HYGIENE	Number of households of non conflict area have access to handwashing facilities and store water in clean containers (HRP 2018).					9,647
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Means of Verification : KAP survey

Projects reports

Indicator 1.2.3	WATER, SANITATION AND HYGIENE	Number of sanitation facilities at institution and/or community level constructed and/or rehabilitated by using CATS and/or CLTS approach					16
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Means of Verification : - Institutions reports (Schools, health facilities and markets).

- Project M&E reports

Indicator 1.2.4	WATER, SANITATION AND HYGIENE	Number of WASH-related training sessions conducted					12
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Means of Verification : Training reports

Activities

Activity 1.2.1

Standard Activity : Construction and/or rehabilitation of sanitation facilities (eg. latrines, bath shelter, etc) at institution and/or community level by using CATS and/or CLTS approach

Construct of 16 institutional latrines with hand washing facilities in schools, clinics and markets as per standards and in close coordination and consultation with state ministries of Education and Health , 8 latrines in each locality (4 for schools (2 for boy and 2 for girl), 2 health facility and 2 for market). Latrines will provide safe access and privacy for women and girls, and enable easy access for people with disabilities. Public latrines will designed to ensure separate entrance for men and women.

School and health latrines will be directly managed by school and health administrations yet in close coordination with WES and the WASH committees while market ones will be under the direct management of WASH committees. Tariff system will be applied in market communal latrines to cover the maintenance and cleanness cost.

Activity 1.2.2

Standard Activity : Conduct community raising awarenes activities (e.g. awareness sessions, campaign, IEC material printing etc.)

Launch of 2 Sanitation and Hygiene promotion campaigns (1 in each locality) to cover the following;

- Conduct quarterly awareness raising campaigns in 16 villages; 8 in Telkok and 8 in Hamashkoreib focusing on fecal disposal, personal hygiene, hand washing, diarrhea prevention, solid waste disposal, water storage and handling, food hygiene etc.
- Formation and support of 4 school clubs; each club membered from 15-30 pupils who will be led by 2 teachers. Teachers supervising schools hygiene clubs will be well-trained using CHAST approach (the modality agreed between UNICEF and MoH in the state). A specific awareness raising tool kits will be used include pictures and messages around personal hygiene, hand-washing, latrine use and public health.
- Radio messages using local language; Media messages will be disseminated by local language through community radio covering the; personal hygiene, hand washing, water treatment, reproductive health and public health.
- Production and distribution of IEC materials that are context-oriented and culture sensitive.
- 16 Open Defecation Free Communities (ODF); PA and SVO will contribute to 16 ODF communities by end of the 2 years project life-span. The intervention is 100% hand-off one mainly depending on using CLTS and CATS approach to achieve open defecation free target by end of 2019 at all 16 communities. This will be tackled by sensitizing communities in importance of appropriate faeces disposal through traditional and/ or improved sanitation alternatives such as traditional pit latrines, VIP latrines or even trench latrines as temporary way of safe disposal and how it relates to communities general health and well-being. No HH latrines actual construction will be done by the organizations, however previous models will be promoted to target communities in order to be adopted and implemented by the community itself. Maintenance of existing and new latrines and proper usage as well as hand washing practices especially in critical times such as before eating, after defecation and after cleaning babies are also ones of the main tasks to be emphasized. All hygiene promotion activities including CATS and CLTS triggering will be led by trained volunteers and in full coordination with existing community networks such as WASH, Health and school committees to ensure sustainability and foster communities' resilience.

Activity 1.2.3

Standard Activity : Conduct WASH-related training at community and/or institution level

A total of 200 health promotors will be trained in Telkok and Hamshkoreib throughout the two years of project life. That includes 100 community volunteers in each locality in which at least %30 will be women. The targeted community volunteers will be mainly the selected community volunteers for CMAM-IYCF nutrition training program, in addition to WASH-committees members in the 16 targeted villages. Every group of 25 community volunteers/health promotors will receive a package of 3 WASH-related following trainings, in addition to the CMAM-IYCF training and IMIC health training:

1. CLTS ToT trainings; insight into CLTS methodologies, participatory activities and key messages with real-life Triggering and Community Hands-on Fieldwork) (4 training sessions in each locality)
2. PHAST ToT training (4 training sessions in each locality)
4. Hygiene Promotion training (4 training sessions in each locality)

Additional Targets :

M & R

Monitoring & Reporting plan

Monitoring system is critical for such multi-sector project with different integrated components implemented by a consortium of several NGOs. Detailed monitoring system and plan that includes methodology, calendars for monitoring activities and data collection tools will be designed at the initial stages of project implementation in consultation with partners, target communities and stakeholders based on Practical Action (PA) and partners experiences and existing systems. The monitoring system should provide adequate information on progress against activities outputs, outcomes, and impact targets indicated in logical frame work, in addition to information about any development on identified assumptions and risks. Cross cutting issues such as analyzing gender, safeguard-child protection and environment impact will be an essential aspect of M&E system. Methods for monitoring will include health and nutrition related reports, harvest and animal health assessments, water supply, sanitation and hygiene indicators, results of focus group discussions and frequent field visits.

PA as the consortium leader, will be responsible for overseeing the implementation of the project and reporting to the donor. PA Senior Operation & M&E Manager will be responsible for overseeing the monitoring and evaluation closely with Consortium Coordinator and M&R Officer. Finance manager will provide support and oversee project finances in coordination with partners' finance staff. PA will sub-contract the two consortium members using a contractual tool that assures smooth flow of information.

The project will be managed on daily basis by teams based in partners' field offices. Field Officers will be led by Project Managers who will in turn report to their respective line managers. The Consortium Coordinator and M&R Officer will conduct regular field visits to the partners' locations to monitor progress on ground, the monitoring tools will be revised reinforced in consultation with consortium partners to assure that central data are collected and easily analyzed. The M&E System will track progress in the implementation of activities of the project.

Coordination between SHF partners implementing integrated malnutrition response action in Telkok & Hamashkoreib is vital in order to reach the intended impact. A coordination body will be established at state level to coordinate approaches, technical standards, monitoring and evaluation, information sharing and solving of unforeseen challenges while partners manage implementation in their respective locations. This formed structure will be a solid platform for information dissemination, experiences and knowledge exchange via monthly meeting as well as ad-hoc meetings when urgent issues arise.

Active coordination via emails and phones will be also enhanced; a contact list for all partners' project staff will be shared between the 5 organizations to ease the exchange of information at different levels. At the project locations, health-nutrition facilities in each village will be the hubs for all implementing partners where Field Officers can meet and organize the daily actions.

In such a changeable context due to envisaged natural risks those may lead to displacement of target population; Projects' joint review involving all malnutrition response action's partners from the different sectors (Nutrition, Health, FSL and WASH) and donor will be organized every 6 months. The review will be grounded on data generated by the monitoring system, interviews, observation and FGD to ensure flexible response in case such hazards arise. Best practices and challenges from the project will be shared between partners, OCHA and relevant clusters. Evaluation will follow completion to assess achievements of outputs, outcomes, impact and draw lessons for future implementation for similar projects incorporating both qualitative and quantitative data to gain in-depth understanding of different project implementation processes.

Workplan

Activitydescription	Year	1	2	3	4	5	6	7	8	9	10	11	12
<p>FOOD SECURITY AND LIVELIHOODS: Activity 1.1.1: Provide 925 small scale holders (625 in Telkok and 300 in Hamashkoreib) with essential inputs (moisture stress tolerance crops, vegetable and legumes seeds and tools) and complementary extension and training services in collaboration with the ministry of agriculture extension department. This will facilitate uptake of all early maturing crops and new vegetables and legumes production, and replication by other farmers.</p> <p>Seeds includes; summer and winter vegetable seeds, cereals and legumes (8.17 kg/farmer), in addition to another preferred vegetable seed (carrot, eggplant or cucumber); 6 kg of sorghum, 2 kg of cowpea, 0.1 kg of okra, 0.05 kg of water melon, and 0.02 kg of tomato seeds, and will be distributed in summer and winter according to the type of the seeds in the two years of project life.</p> <p>Priority will be given to families with SAM/MAM children/PLW cases, female and children headed households, older farmers, farmers with disabilities, chronically poor households and larger household (more than 7 children). Seeds will be distributed in a revolving-seed bank basis.</p>	2018					X	X				X	X	X
	2019				X	X	X				X	X	X
	2020												
<p>FOOD SECURITY AND LIVELIHOODS: Activity 1.1.2: Support 350 Vulnerable female-headed households (250 in Telkok and 100 in Hamashkoreib) to establish and maintain home gardens with high nutrition-valued productivity. Beneficiaries will receive training on home gardening and horticulture practices, and inputs include a package of legumes and vegetables seeds, fruit seedlings and farming tools. New nutritious vegetables and legumes will be introduced and utilization will be facilitated by nutrition education to ensue positive impact on nutrition status in particular for women and children at household level.</p> <p>Seeds includes; summer and winter vegetable seeds, cereals and legumes (8.17 kg/farmer), in addition to another preferred vegetable seed (carrot, eggplant or cucumber); 6 kg of sorghum, 2 kg of cowpea, 0.1 kg of okra, 0.05 kg of water melon, and 0.02 kg of tomato seeds. Seedlings will includes different citrus varieties.</p> <p>Priority will be given to female-headed households whose family memebars are with SAM/MAM children / PLW cases, disability, old people, and more than 7 children. Seeds will be distributed in a revolving-seed bank basis.</p>	2018					X	X				X	X	X
	2019				X	X	X				X	X	X
	2020												
<p>FOOD SECURITY AND LIVELIHOODS: Activity 1.1.3: Support establishment of 5 women farms (25 women in each) in Telkok utilizing waste water from water yards in five villages (Erdrut, Eltayot, Maman Bemook, Gedamaib Abu Sangreb and Tahady Adredeb). The established farms will use drip irrigation systems and farmers will be provided by vegetables, legumes and sorghum seeds, seedlings production nurseries, farming tools and extension services by women agricultural Extentionist through related technical government departments.</p> <p>Widows, women with more than 7 children, older women, women with disabilities and families with SAM/MAM children / PLW cases will be prioritized.</p> <p>Women farms will provide targeted women with agricultural inputs (water, seeds and tools) in addition to training service to enable them cultivating nutritious food for the household consumption and to increase HH income through marketing the surplus. Women will be oriented about the impact of vegetables and legumes intake in the families' nutrition status and for children with malnutrition in particular. This activity will significantly contribute to the positive change in the food habit in the area. Practical Action and SORD have successful experiences in introducing women farms in the area. Seeds will be distributed in a revolving-seed bank basis.</p>	2018										X	X	X
	2019				X	X	X				X	X	X
	2020												
<p>FOOD SECURITY AND LIVELIHOODS: Activity 1.1.4: Conduct Household surveys at the beginning of the project (baseline) and post the project implementation to provide a benchmark and verification source for the progress toward the project targets.</p> <p>The household survey will be designed to provide reflective information about the household' dietary intake, income, behavior change, water and food consumption..etc.</p>	2018					X							
	2019					X							
	2020				X								
<p>FOOD SECURITY AND LIVELIHOODS: Activity 1.2.1: Veterinary services include treatment and support to vaccination campaigns to 50,000 heads of livestock (25,000 in Telkok and 25,000 in Hamashkoreib) owned by 5000 pastoral and agro pastoral households. Two vaccination campaigns (summer and winter) will be conducted in coordination with MoAR in year 2 of the project life.</p> <p>Trained CAHWs in both localities will be supported to join facilitation of the vaccination campaigns and awareness raising about its importance to animal health.</p>	2018												
	2019					X	X				X	X	
	2020												
<p>FOOD SECURITY AND LIVELIHOODS: Activity 1.2.2: Support to community based animal health services by providing refresher training for 32 CAHWs including 30% women from 16 villages in Telkok and Hamashkoreib (2 CAHWs per village) and provision of startup vet kits, support 2 community managed drug revolving units at localities level.</p>	2018										X	X	
	2019					X	X				X	X	
	2020												

<p>FOOD SECURITY AND LIVELIHOODS: Activity 1.3.2: Provide 70 Poultry flocks to selected vulnerable women in Hamashkoreib locality. Recipients will be selected according to acceptability. Provided poultry will be from indigenous cross-bred breeds those could adapt high temperature and drought conditions. Women will be trained in poultry farming and handling of white meat.</p> <p>Priority will be given to female-headed households whose family members are with SAM/MAM children / PLW cases, disability, old people, and more than 7 children.</p>	2018																		X	X		
	2019	X																	X	X		
	2020	X																				
<p>FOOD SECURITY AND LIVELIHOODS: Activity 1.3.3: Expand cultivable land by clearing invasive mesquite trees in and close to water stream beds using cash for work, and replanting indigenous trees for replacement (e.g Dom, Sanganeeb and palm) in 950 Fedddan (750 in Telkok and 200 in Hamashkoreib).</p> <p>Cash for work (daily payment) will be provided to 25 farmer in each of the 8 targeted villages in Telkok to clear 400 square meters of land per day for 40 days, while only 50 selected labor will participate in mesquite clearance action in Hamashkoreib locality for 42 days.</p> <p>This activity will closely monitored by the lead agency in the two locality. Selection criteria includes; unemployed youth, persons with disabilities, extremely poor HH heads, illiterate people, families with SAM/MAM children/PLW cases.</p> <p>Cleared land represent fertile cultivatable land will be utilized for vegetable and other nutritious crops cultivation.</p>	2018																			X	X	
	2019	X	X	X	X	X	X															
	2020																					
<p>FOOD SECURITY AND LIVELIHOODS: Activity 1.3.4: Conduct 8 agro-processing training sessions (4 in each locality) for food reservation/processing (25 women each). A total of 200 women from the IYCF mother support groups and VSLAs in the 16 targeted villages will be trained for 5 full days in; vegetables, fruits, meat and dairy reservation by drying and other techniques, jams, juices, cheese and other dairy products making.</p> <p>Training technical manual produced by Practical Action, GOAL and Women Development Association Networks will be guide the training.</p> <p>Training supplies and equipment will be provided. Women will use agro-processing products to improve own households nutrition status and market their surplus products.</p> <p>Delivery of the training package will be effectively coordinated with TOD in Telkok and KHPF in Hamashkoreib (consortia IPs implementing nutrition and FSL activities in the two localities).</p> <p>Priority will be given to female-headed households whose family members are with SAM/MAM children / PLW cases, disability, old people, and more than 7 children.</p>	2018																					
	2019	X	X	X	X																	
	2020																					
<p>FOOD SECURITY AND LIVELIHOODS: Activity 1.3.5: Establish 13 women Village Saving & Loans Associations (VSLA); 8 in Telkok and 5 in Hamashkoreib to provide members with informal opportunity to save and control their cash incomes and obtain access to small, manageable micro capital investment.</p> <p>Targeted women for VSLAs will be mainly IYCF mother support groups' members who will be also receiving agro-processing training package. Delivery of the training package will be effectively coordinated with TOD in Telkok and KHPF in Hamashkoreib (consortia IPs implementing nutrition and FSL activities in the two localities).</p> <p>VSLA enables women to build leadership in their homes and enterprises. Members will receive a training course on VSLA, loans and business management. VSLAs are autonomous, self-selecting organizations typically containing at least 20 -25 members. The project will organize awareness raising sessions to initiate the discussion with wider communities on the concepts and principle and approaches of village based savings and loans so as to create an in-depth understanding and to avoid any confusion. Self-selection generally ensures a high level of trust among group members, which is vital for the group performance, especially when the total volume of savings kept by the group increases.</p> <p>Priority will be given to female-headed households whose family members are with SAM/MAM children / PLW cases, disability, old people, and more than 7 children.</p>	2018																					
	2019	X	X							X	X								X	X		
	2020																					

<p>WATER, SANITATION AND HYGIENE: Activity 1.1.1: Total of 30 water points (water yards, hand pumps) will be either be constructed, rehabilitated or upgraded. Those include construction of 8 hand pumps and rehabilitation of another 12, rehabilitation of 4 water yards and upgrading another 6 to solar power operated at the two localities.</p> <p>Villages were identified for water supply shortage during focus group discussions, key informants and observation of field monitoring staff. Locations for water supply sources selected to support water supply shortage mitigation are as follows:</p> <ul style="list-style-type: none"> - Construction of 8 HP in Hamashkoreib and Telkok localities.. - Rehabilitation of 4 water yards in Tahady Adrdeeb, Mamm Bemook, 2 in hamashkoreib, - Rehabilitation of 12 HP in (5hp in each locality). - Upgrading of 6 Water Yards into solar operated (4 in Talkok and 2 in Hamashkoreib) in each locality); Kotenaib Adri and Hamashkoreib in Hamashkoreib locality, in addition to Erdurt and Gadamaib, Maman Elmasjed and Eltayout in Telkok Locality. <p>These new intervention are expected to increase access to clean water supply to reasonable standards. Productivity of water supply varies with various technologies used. A hand pump provides for 500 people while water yards may cover the needs of 3000 – 5000 people.</p> <p>Water supply will be provided through water lines to schools, health centers , community facilities and will also provide for maintaining sanitary standards,</p> <p>Prior needs assessment for current water coverage and consumption rates have been already conducted, this activity is designed to contribute to improvement of water coverage in the two localities. PA and its “water for the three states” partners conducted hydrological studies in the two localities as part of the Water for East project, taking into consideration water balances and possible drought and depletion scenarios. However all targeted locations in this proposal are not part of the Water for East targets; they are part of the catchments areas those covered in the previously mentioned studies (NO overlapping).</p>	2018									X			X	X	X	X
	2019	X	X	X	X	X	X						X	X	X	X
	2020	X	X	X												
<p>WATER, SANITATION AND HYGIENE: Activity 1.1.2: Construction of check dams and other appropriate ground water recharging techniques (5 structures; 3 in Telkok and 2 in Hamashkoreib) to improve water supply systems and continuity of supply throughout the dry seasons in Eltayout and Maman Bemook villages in Telkok locality. These water harvesting techniques will increase ground water recharge and enhance water availability in the targeted villages (10,600 people; 3180 women, 3392 men and 4028 children).</p>	2018					X	X									
	2019			X	X	X										
	2020															
<p>WATER, SANITATION AND HYGIENE: Activity 1.1.3: ater Quality Monitoring / Treatment (Chlorination) in 16 villages covering 30 water points (17 in Telkok and 13 in Hamashkoreib) will be managed by water committees and coordinated with state water corporation. Indigenous treatment methods will be examined for improvement and introduction of modern techniques. This also includes establishment of water quality and quantity monitoring system (packages). Water testing includes chemical and microbiological testing.</p>	2018											X	X	X	X	
	2019	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
	2020	X	X	X	X											
<p>WATER, SANITATION AND HYGIENE: Activity 1.1.4: Formation / activation of 16 WASH Committees (8 in each locality); 10 members each with at least 30% women representation and providing trainings for water management committees in water sources management; operation and maintenance in 16 villages. That in addition to the provision of maintenance standard and special tool kits to the newly constructed water points.</p>	2018								X	X	X	X	X	X	X	
	2019	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
	2020															
<p>WATER, SANITATION AND HYGIENE: Activity 1.2.1: Construct of 16 institutional latrines with hand washing facilities in schools, clinics and markets as per standards and in close coordination and consultation with state ministries of Education and Health , 8 latrines in each locality (4 for schools (2 for boy and 2 for girl), 2 health facility and 2 for market). Latrines will provide safe access and privacy for women and girls, and enable easy access for people with disabilities. Public latrines will designed to ensure separate entrance for men and women. School and health latrines will be directly managed by school and health administrations yet in close coordination with WES and the WASH committees while market ones will be under the direct management of WASH committees. Tariff system will be applied in market communal latrines to cover the maintenance and cleanness cost.</p>	2018															
	2019	X	X	X	X	X	X	X								
	2020															

<p>WATER, SANITATION AND HYGIENE: Activity 1.2.2: Launch of 2 Sanitation and Hygiene promotion campaigns (1 in each locality) to cover the following;</p> <ul style="list-style-type: none"> - Conduct quarterly awareness raising campaigns in 16 villages; 8 in Telkok and 8 in Hamashkoreib focusing on fecal disposal, personal hygiene, hand washing, diarrhea prevention, solid waste disposal, water storage and handling, food hygiene etc. - Formation and support of 4 school clubs; each club membered from 15-30 pupils who will be led by 2 teachers. Teachers supervising schools hygiene clubs will be well-trained using CHAST approach (the modality agreed between UNICEF and MoH in the state). A specific awareness raising tool kits will be used include pictures and messages around personal hygiene, hand-washing, latrine use and public health. - Radio messages using local language; Media messages will be disseminated by local language through community radio covering the; personal hygiene, hand washing, water treatment, reproductive health and public health. - Production and distribution of IEC materials that are context-oriented and culture sensitive. - 16 Open Defecation Free Communities (ODF); PA and SVO will contribute to 16 ODF communities by end of the 2 years project life-span. The intervention is 100% hand-off one mainly depending on using CLTS and CATS approach to achieve open defecation free target by end of 2019 at all 16 communities. This will be tackled by sensitizing communities in importance of appropriate faeces disposal through traditional and/ or improved sanitation alternatives such as traditional pit latrines, VIP latrines or even trench latrines as temporary way of safe disposal and how it relates to communities general health and well-being. No HH latrines actual construction will be done by the organizations, however previous models will be promoted to target communities in order to be adopted and implemented by the community itself. Maintenance of existing and new latrines and proper usage as well as hand washing practices especially in critical times such as before eating, after defecation and after cleaning babies are also ones of the main tasks to be emphasized. All hygiene promotion activities including CATS and CLTS triggering will be led by trained volunteers and in full coordination with existing community networks such as WASH, Health and school committees to ensure sustainability and foster communities' resilience. 	2018												X	X	X
	2019	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	2020	X													
<p>WATER, SANITATION AND HYGIENE: Activity 1.2.3: A total of 200 health promotors will be trained in Telkok and Hamshkoreib throughout the two years of project life. That includes 100 community volunteers in each locality in which at least %30 will be women. The targeted community volunteers will be mainly the selected community volunteers for CMAM-IYCF nutrition training program, in addition to WASH-committees members in the 16 targeted villages. Every group of 25 community volunteers/health promotors will receive a package of 3 WASH-related following trainings, in addition to the CMAM-IYCF training and IMIC health training:</p> <ol style="list-style-type: none"> 1. CLTS ToT trainings; insight into CLTS methodologies, participatory activities and key messages with real-life Triggering and Community Hands-on Fieldwork) (4 training sessions in each locality) 2. PHAST ToT training (4 training sessions in each locality) 4. Hygiene Promotion training (4 training sessions in each locality) 	2018												X	X	X
	2019	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	2020	X													
OTHER INFO															
<u>Accountability to Affected Populations</u>															

The consortium considers the input of beneficiaries in all phases of the programming cycle and makes deliberate efforts to incorporate their views, concerns and feedback throughout the project period. This includes practical application of the principle of 'Do No Harm'. In practical terms, this is done by reaching out to the affected populations by ensuring that aid is given to the most vulnerable, keeping the target communities involved in the process and assisting the most vulnerable members of the different community/ethnic groups. This will ameliorate cohesion among the populations' persons and increase the ownership of the program, thus making sure that assistance received is not perceived negatively and not harming communities as a whole.

Consortium partners will ensure that beneficiaries and other stakeholders have access to timely, relevant and clear information about the project and its activities through regular face to face meetings and feedback. Through their representatives, beneficiary communities will be involved in beneficiary selection, which will follow vulnerability criteria to be shared and agreed with them prior to the start of implementation. Separate meetings will be held for different gender and age groups and also for more vulnerable beneficiaries such as those with disabilities or the elderly who may not otherwise be heard. In addition, various fora (meetings, community boxes, telephone lines etc) will be availed for complaints and feedback on project activities. This is meant to allow beneficiaries to share their complaints and concerns and partners to respond to it. Community meetings, discussions and consultations regarding identification of affected communities, beneficiary selection and regular monitoring will allow feedback and input from the beneficiaries.

It is important to note that distributions will be set up in a way that will avoid any means of exploitation, dishonesty or coercion and females and males will be given appropriate times and locations to collect any assistance at safe places. Special consideration will be given to the distribution of aid to particularly vulnerable households, such as those headed by children, or with family members with disabilities. All distribution points will have clear visual depictions of the aid package on offer and beneficiaries will be notified in advance verbally about locations and times for distributions. This will enable those who may not be able to read signs or information to have access to the same information as those who are literate.

Consortium partners will establish accountability mechanism that ensures beneficiaries are able to provide feedback on program implementation. The mechanism will adhere to HAP Standards and will develop a specific protocol for Information sharing in line with its developed "Complaints, Response and Feedback Mechanism". The information collected will be used to adapt appropriate approaches and to improve the level of programming. The feedback mechanism will be activated at the outset of the project, to ensure any irregularities are discovered and address on time.

Implementation Plan

The Consortium comprises Practical Action as the lead agency, SORD and SVO. It brings together professional international organization and two active national NGOs with great experiences in multi-sector humanitarian programming, strong understanding and knowledge of the local context in Kassala. Practical Action and the two National NGOs will implement the food security and WASH activities in Telkok and Hamashkoreib locality; Practical Action will implement FSL and WASH in Telkok, SORD will deliver FSL component in Hamashkoreib, while SVO will carry out WASH intervention in the targeted villages in Hamashkoreib locality. Consortium management will ensure that the two interventions are integrated and complementarity with other ongoing intervention in WASH and FSL, and collaboration with related ministries/service providers is ensured.

The overall program oversight will be a responsibility of a Management Committee, led by the Consortium Coordinator employed by Practical Action. Management committee including program / project managers from the three partners will be established to manage the program. The management committee will ensure a consortium-wide understanding of the overall progress of the project and resolve issues as they surface in line with agreed working modalities. Consortium coordinator will manage a team comprise key personnel (reporting, technical, M&E and Finance/grant) and will oversee overall program management, coordination, quality assurance, representation, efficient and effective use of resources and compliance to SHF policies and procedures. The technical personnel in this case (FSL and WASH) will be the technical focal points from the consortium partners, the focal points will be responsible for providing overall technical guidance and strategy, supporting and monitoring for compliance. The team will be equipped to, and responsible for, providing the required support, guidance and management oversight of the program delivery. The project will be managed on daily basis by teams based in partner's field offices, field officers who will in turn report to their respective line managers and consortium management. Consortium coordinator will be responsible for overseeing the implementation of the project and reporting to the donor. Practical Action Senior Operation & M&E Manager will be responsible for overseeing the monitoring and evaluation and monitoring of the interventions being implemented by the project coordinator and the project M & E Officer. Finance manager will provide support and oversee project finances in coordination with partner finance staff. Practical Action will sub-contract the entire consortia member using a contractual tool that assures smooth flow of information's. A project coordination body will be established at the country level to coordinate approach, technical standards, monitoring and evaluation while partners manage implementation in their respective locations.

Coordination with other Organizations in project area

Name of the organization	Areas/activities of collaboration and rationale
MoAR,	Livestock related activities (e.g. vaccination campaigns and CAHWs training) will be closely coordinated with the state ministry of Animal Resources as it is the technical governmental body overseeing the animal health in the state, providing the technical support and organize the vaccination planning.,
MoA,	Agricultural extension will be organized with the state ministry of the agriculture (Extension Department), other agricultural activities including pre-harvest and post-harvest survey will also be coordinated and with support of the SMOA.,
State Water Corporation	Water quality and quantity testing will be coordinated with the state water corporation
FAO	The consortium will coordinate with FAO for the supply of agricultural and livestock inputs.

Environment Marker Of The Project

A: Neutral Impact on environment with No mitigation

Gender Marker Of The Project

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

Justify Chosen Gender Marker Code

The project will address gender equality concerns throughout the project cycle as well as in the staffing and personnel management areas. Practical Action, SORD and SVO have gender equality policies in place, additionally, SORD has a gender focused strategy where gender justice and women issues in particular are among the organization areas of expertise, while Practical Action adopts a gender transformative approach that aims at empowering women socially and economically, increase their access to basic services as well as livelihood opportunities. These policies and strategies provide guidance and mechanisms to ensure gender equality while gender advisor positions are available at country office as well as partners' respective offices in the UK and Sudan which provide regular technical inputs.

The project addressed some of the critical gender equality related barriers faced by the target communities within the program area conservative context. Women are restricted to domestic chores, their mobility to access outdoor is limited. Women will be supported to take part in water management committee roles (building on the existing successful experience with other similar projects in the target area by Practical Action and partners). In addition to this; The project will make provisions to ensure cultural barriers do not create challenges for women participation in the project cycle through organizing separate training programs for women if required.

The project includes economic empowerment of women through targeted interventions such as home gardening (350 women), women's farms (125 women farmers) and village saving and loan (8 women association with more than 200 women) in the two localities. Women and women headed household in particular will be prioritized in the beneficiaries' selection. In addition to provision of seeds, seedlings, tools and extension services within women farms and home gardens, 400 female headed household will be provided with dairy small ruminants and poultry flocks as sources of high quality protein for family consumption (especially children and PLW) as well as source of income for those vulnerable households. In addition to those women focused training programs, a minimum of 30% women participation will be ensured in all training programs include CAHWs training, WASH Committees training, PHAST, CLTS, Hygiene promotion trainings, and Natural Resource Management and mapping training.

These interventions have proven track record of enabling women access land, productive assets, access to women friendly agricultural support and extension services. While access to group based and self-managed village saving and loan program improves women's access to financial services that strengthen their economic coping mechanisms as well as social capital through the group based trust building process (8 women Village Saving And Loan Associations). Women will also been trained as part of the care-takers for water points management and maintenance (at least 30% of the trainees will be women). Agro-processing training will be targeting 200 women in the two localities to provide them with the required knowledge and skills in food reservation, adding value processing for increase nutritional value, shelf-life and marketability of the agricultural and livestock products (dairy, red and white meat).

Protection Mainstreaming

The lead agency protection of children and vulnerable adult's policy that will govern own staff and other consortium members clearly states that "abuse of any kind (Financial or material, psychological, discrimination, sexual, neglect or exclusion) for these groups is unacceptable" and recognizes its responsibility to safeguard their welfare by protecting them from abuse. Behavioural protocols that should be followed are set out on the policy for employees, trustees, consultants, volunteers or others acting on its behalf includes respect to everyone as individual, avoiding taking an advantage of the power relations that exist between themselves and a child or vulnerable person, use of empowering language, respect of everyone right to personal privacy . Behavioural protocols also commit all in the organizations and partners to show understanding when dealing with sensitive issues including cultural differences and human diversity and to show neutrality and impartiality according to race, culture, age, gender, disability, religion, beliefs. Practical Action with this policy is committed to treat any accusation of abuse of children and adults with full seriousness and investigate the matter fully when reported. This also links with Practical Action whistle blowing policy which protects those provide information of abuse by established safe communication channels including phone and email addresses.

Beneficiaries will be selected through a participatory approach –ensuring fair representation of different vulnerable groups regardless of their tribes/ethnicities or gender and their fair access to services according to the identified needs to ensure fairness, dignity and DO NO Harm principles. Criteria for selection of beneficiaries will be socialized with communities and the opportunity provided to raise concerns or complaints on the selection process will be considered. Targeting of beneficiaries will be based on needs and will give priority to the most vulnerable. Particular attention and assistance will be given to pregnant and lactating women and children. To ensure the protection of both men and women, and that all beneficiaries are able to access the intended assistance, appropriate distribution arrangements; potential protection risks will be identified and monitoring of these will be embedded into program monitoring and post-distribution monitoring (PDM). A multi-channel feedback mechanism will be in place.

Consortium will be providing capacity building to partner's staff to ensure strengthened protection mainstreaming throughout the program, with an emphasis on vulnerability analysis. That will include training on the prevention of sexual abuse and exploitation and child safeguarding; protection of data and information; and mapping of services and integration of referral mechanisms. Child protection mainstreaming statement (attached) will be adopted by all IPs implementing malnutrition response action in the targeted areas.

Country Specific Information

Safety and Security

Practical Action as the lead agency implements a security policy across all its and partners operation areas with the view of eliminating risk by good security practices to enable organization continues in fragile environments and delivers work more effectively. Organizationally the Chief Executive (CEO) is accountable for staff security together with relevant directors in countries. Practical Action has a focal point responsible for monitoring the application of security policy and briefing staff who visit the country. Practical Action is committed to appropriately informing staff of any security risks that they may face as a result of their employment and operating as a reasonable and prudent organization in providing employees, partners with safe working environment. Staff should adhere to the policy and put safety of themselves and colloquies first above protection of assets and program work. Each person – according to PA security must fulfil their responsibilities in relation to the security policy. Failure to do this can increase the risk to themselves and others. This could be a serious matter. The policy further states that every operation has a degree of risk and appropriate action must be taken to mitigate risks. In developing situations, where the level of risk is increasing, individuals and managers have to use their own judgement to determine the threshold of acceptable risk based on the best available knowledge. The consortium members have adequate policies and processes in place to protect staff and partners from harm that will be enforced in the project.

Close monitoring of the situation and observance of security measures and advice of UN security system in Kassala state and Sudan in general will be followed. Practical Action will be prepared, this will involve continuously liaising with other consortia partners in the different respective areas, developing scenarios in order to anticipate the crisis and determine the contingency plans of the consortia partners.

Access

All areas of Kassala State are accessible including Telkok and Hamashkoreib in spite of announced state of emergency. However international NGOs have to get permits that are attainable in one or days' time. SORD and SVO as national organizations don't require authority permits. The consortium members have a long history of working in Kassala state. In addition to this; Practical Action and its partners are currently implementing FSL and WASH projects in the target localities of Telkok and Hamashkoreib. This has enabled them build working relationships with local communities, community leaders and CBOs in the area. In case security restrictions arise then the partners will access through consortia National NGO staff members, line ministries, community based structures networks, integrate and liaison with key stakeholders.

BUDGET

Code	Budget Line Description	D / S	Quantity	Unit cost	Duration Recurrence	% charged to CHF	Total Cost
1. Staff and Other Personnel Costs							
1.1	Consortium Coordinator - Kassala (National)	D	1	1,887.00	24	100.00	45,288.00
	<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 24 months.</i>						
1.2	Consortium M&R Officer - Kassala (National)	D	1	1,256.00	24	100.00	30,144.00
	<i>This position is responsible to follow up on project interventions and provide close monitoring and evaluation to the partners, pay weekly and regular visits and coordination at consortium level. 100% of the salary (inclusive of benefits) is charged to this project for a period of 24 months.</i>						
1.3	Consortium Finance & Admin Officer - Kassala (National)	D	1	19,800.00	24	100.00	19,800.00
	<i>This is staff member will dedicate 100% of his time to ensure proper financial performance of partners according to SHF regulation and to compile financial reports in regular basis. He/She will also be providing administrative and logistic support to the consortium members. 100% of the salary (inclusive of benefits) is charged to this project for a period of 24 months.</i>						
1.4	Project Manager - Kassala (National)	D	1	20,880.00	24	100.00	20,880.00
	<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 24 months.</i>						
1.5	Project Officer - Kassala (National)	D	1	14,070.00	21	100.00	14,070.00
	<i>This is a personnel with M&E experience to follow up Practical Action activities implementation in Telkok, monitor and report. He/She will also be responsible of community mobilization, training and implementation of FSL and nutrition activities. 100% of the salary (inclusive of benefits) is charged to this project for a period of 21 months.</i>						
1.6	East Sudan Area Coordinator - Kassala (National)	D	1	12,556.80	24	20.00	12,556.80
	<i>Contribution to the salary of the Head of East Sudan Office who will provide over all supervision over project implementation, staffing, financial performance and maintain strategic relationships with stockholders to ensure effective implementation. 20% of the salary (inclusive of benefits) is charged to this project for a period of 24 months.</i>						
1.7	Kassala Accountant - Kassala (National)	D	1	8,529.60	24	20.00	8,529.60
	<i>This position will be responsible for the daily accounting work related to the project transactions, record keeping and financial reviews at state level. 20% of the salary (inclusive of benefits) is charged to this project for a period of 24 months.</i>						
1.8	Admin Officer - Kassala (National)	D	1	4,788.00	24	20.00	4,788.00
	<i>Staff to support project implementation through procurement, office management, logistics and other general support activities. 20% of the salary (inclusive of benefits) is charged to this project for a period of 24 months.</i>						
1.9	Communication Officer - Khartoum (National)	D	1	4,264.80	24	10.00	4,264.80
	<i>This position will dedicate time to ensure donor visibility and documentation of Project. 10% of the salary (inclusive of benefits) is charged to this project for a period of 24 months.</i>						
1.10	IT Officer - Kassala (National)	D	1	6,033.60	24	20.00	6,033.60
	<i>This position will provide technical support to the project staff and ensure that all required communication tools are in place. 20% of the salary (inclusive of benefits) is charged to this project for a period of 24 months.</i>						
1.11	Drivers - Kassala (National)	D	1	3,024.00	24	20.00	3,024.00
	<i>Salaries for Drivers supporting project implementation. 20% of the salary (inclusive of benefits) is charged to this project for a period of 24 months.</i>						
1.12	Cleaner - Kassala (National)	D	1	2,241.60	24	20.00	2,241.60
	<i>Salaries for Cleaners supporting office and project staff. 20% of the salary (inclusive of benefits) is charged to this project for a period of 24 months.</i>						
1.13	Country Director - Khartoum (National)	D	1	10,090.80	24	5.00	10,090.80

	<i>Contribution to Country Director salaries; will provide required support, leadership and strategic relations role at Country level. 5% of the salary (inclusive of benefits) is charged to this project for a period of 24 months.</i>						
1.14	M&E Manager - Khartoum (National)	D	1	3,653.00	24	5.00	4,383.60
	<i>Responsible for overseeing the monitoring and evaluation and monitoring of the interventions being implemented by the project Manager and the project Officer. 5% of the salary (inclusive of benefits) is charged to this project for a period of 24 months.</i>						
1.15	Program Manager - FSL - Khartoum (National)	D	1	3,131.00	24	10.00	7,514.40
	<i>Salary contribution to the FSL Manager at Country Office, responsible for overseeing the implementation of the project and reporting to the donor. 10% of the salary (inclusive of benefits) is charged to this project for a period of 24 months.</i>						
1.16	Program Manager - WASH - Khartoum (National)	D	1	2,975.00	24	10.00	7,140.00
	<i>Salary contribution to the WASH Manager at Country Office, responsible for overseeing the implementation of the project. 10% of the salary (inclusive of benefits) is charged to this project for a period of 24 months.</i>						
1.17	Program Development Manager - Khartoum (National)	D	1	3,070.00	24	5.00	3,684.00
	<i>Contribution to the salaries of the program development advisor for the review and improvement needed in implementation modalities needed throughout the project implementation. 5% of the salary (inclusive of benefits) is charged to this project for a period of 24 months.</i>						
1.18	Finance Manger - Khartoum (National)	D	1	3,653.00	24	5.00	4,383.60
	<i>Contribution to the salaries of the head of Practical Action Finance team to overseen all financial performance, compilation of partners' reports and production of financial report to donor. 5% of the salary (inclusive of benefits) is charged to this project for a period of 24 months.</i>						
1.19	Admin Officer - Country Office (National)	D	1	1,277.00	24	10.00	3,064.80
	<i>Contribution to the salaries of country Admin Officer who will provide support and facilitate the conduct of regular meetings and reviews. 10% of the salary (inclusive of benefits) is charged to this project for a period of 24 months.</i>						
1.20	Logistic Officer - Country Office (National)	D	1	1,777.00	24	10.00	4,264.80
	<i>This position will be responsible of all procurement related to the project interventions, including purchase process and logistic processes for the transfer to the project area, in addition to the communications with HAC authorities at state level. 10% of the salary (inclusive of benefits) is charged to this project for a period of 24 months.</i>						
1.21	HR Officer - Country Office (National)	D	1	1,777.00	24	10.00	4,264.80
	<i>This position will lead the recruitment processes, contracting and staffing related issues for the project staff. 10% of the salary (inclusive of benefits) is charged to this project for a period of 24 months.</i>						
1.22	Gender Officer - Country Office (National)	D	1	1,777.00	24	10.00	4,264.80
	<i>This position will dedicate time to ensure that gender is mainstreamed throughout project implementation, reporting and evaluation. 10% of the salary (inclusive of benefits) is charged to this project for a period of 24 months.</i>						
1.23	Driver - Country Office (National)	D	1	630.00	24	10.00	1,512.00
	<i>Contribution to salaries for Driver supporting Country Office. 10% of the salary (inclusive of benefits) is charged to this project for a period of 24 months.</i>						
	Section Total						226,188.00
2. Supplies, Commodities, Materials							
2.1	Provision and distribution of seeds and farming tools for 1000 farmers	D	1000	20.00	1	100.00	20,000.00
	<p><i>Vegetables, legumes and cereals seeds and farming tools will be purchased and distributed to 1000 targeted farmers includes; 625 men and women smallholder farmers, 250 women for home gardening, and 125 women farmers in five women irrigated farms. Seeds will be distributed in summer and winter according to the type of the seeds throughout the two years of project life.</i></p> <p><i>Seed package includes; summer and winter vegetable seeds, cereals and legumes (8.17 kg/farmer)</i></p> <p><i>1- 6 kg of sorghum = \$ 2.01</i></p> <p><i>2- 2 kg of cowpea = \$ 2.98</i></p> <p><i>3- 0.1 kg of okra = \$ 0.575</i></p> <p><i>4- 0.05 kg of water melon = \$ 1.95</i></p> <p><i>5- 0.02 kg of tomato = \$1.7</i></p> <p><i>6- Other preferred vegetable seed (carrot, eggplant, cucumber @ \$ 1.8).</i></p> <p><i>The distribution cost per each seeds' package includes; logistics and transportation to field locations \$ 2.0, warehousing (Including loading and offloading) \$2.0. The total \$ 4per each beneficiary.</i></p> <p><i>The purchase and distribution cost per set agriculture hand tools' package includes; a weeding and planting, logistics and transportation to field locations (including warehousing, loading and offloading)\$ 1.0 per set while the purchase cost is \$5 per set.</i></p> <p><i>Priority will be given to women and children headed households, older farmers, farmers with disabilities, chronically poor households and larger household (more than 7 children).</i></p>						

2.2	Provision of fruits seedlings for 375 women farmers	D	375	10.00	1	100.00	3,750.00
	<p><i>Cost of purchase of nutritious fruits seedlings (e.g Citrus species) to be distributed to 375 selected women farmers includes 125 women from women farmers groups cultivating 5 irrigated women farms, in addition to 250 selected individual women for rain-fed home gardening.</i></p> <p><i>Widows, women-headed households, women with more than 7 children, older women and women with disabilities will be prioritized.</i></p>						
2.3	Training on vegetables cultivation and horticulture	D	15	2,000.00	1	100.00	30,000.00
	<p><i>15 sessions targeting 375 women farmers (25 each). 15 sessions targeting 375 women farmers (25 each). Session cost include \$750 facilitation, \$250 transportation, \$500 catering, \$350 training materials, \$150 stationary and other logistic expenses.</i></p> <p><i>Sessions will be organized in collaboration with the extension department, Ministry of Agriculture at state level. The 375 targeted women farmers will be provided with an intensive training program in farming practices for different vegetables, legumes, cereals and horticulture variety.</i></p>						
2.4	Awareness raising sessions in nutrition (on the importance of healthy diets)	D	8	1,250.00	1	100.00	10,000.00
	<p><i>This awareness raising sessions will be organized in collaboration with nutrition departments to raise community awareness about importance of healthy diets and reduce malnutrition in the locality. The sessions will be organized in the eight targeted villages in Telkok locality. Costs include \$500 facilitation cost, \$250 learning materials, \$250 tents rent, \$250 refreshments and other logistic costs.</i></p>						
2.5	Training on fodder conservation techniques	D	8	2,000.00	1	100.00	16,000.00
	<p><i>8 training sessions for pastoral and agro-pastoral established associations (50 member each) in the modern simple way for fodder conservation. Cost includes; \$1000 facilitation fees, \$250 training material, \$250 transportation, \$500 catering...etc.</i></p>						
2.6	Support vaccination campaign	D	50000	0.04	1	100.00	2,000.00
	<p><i>Facilitate vaccination of 25,000 head of livestock owned by 2500 pastoral and agro-pastoral HHs in Telkok locality includes cost of 50,000 vaccination doses, summer and winter (2nd year) vaccination process @ \$ 0.04/dose.</i></p>						
2.7	CAHWS refresher training	D	16	231.00	1	100.00	3,696.00
	<p><i>The community animal health worker – CAHW, refresher training costs for 16 CAHWs (2 from each targeted villages in Telkok locality). Cost per each participant includes; facilitation \$ 20, Transport subsistence to CAHWS \$ 11, stationery and supplies (including handouts) CAHWS kit 200 Total cost per unit \$231</i></p>						
2.8	Cash for work - Clearance & replacement of mesquite	D	200	3.30	40	100.00	26,400.00
	<p><i>Cash paid for 200 local labor from 8 targeted villages in Telkok locality for 40 working days for mesquite clearance in 750 Feddan (400 square meter per day) in the agricultural land and water basin in the targeted villages @ \$3.3 /day.</i></p> <p><i>Cash for work will be closely supervised by Practical Action Project Officer at field level, priority will be given to unemployed individuals, chronically poor people, individuals heading large households (more than 7 children), and individuals with disabilities when it is possible to conduct this type of work.</i></p>						
2.9	NRM training and mapping	D	2	2,500.00	1	100.00	5,000.00
	<p><i>Cost for 2 training sessions in natural resource management and mapping in Telkok locality. 50 participants (15 women) representing different community groups and stakeholders will be trained (25 in each session) to use a participatory planning approach to develop natural resources management plans in their areas within three full training days . Cost includes; \$1000 facilitation cost \$350 mapping materials , \$250 transportation, \$500 catering, \$150 stationary, \$250 venue rent and other logistic costs.</i></p>						
2.10	Cash for work - Terracing and other range management techniques	D	190	4.20	25	100.00	19,950.00
	<p><i>Cost per village work to construct appropriate range management structures. Practical Action in coordination with community leaders and existing CBOs will mobilize the communities in the targeting villages in Telkok locality to construct 10 range management techniques that could be terraces or any other selected technique that will enhance pasture through improve water retention in the grazing land.</i></p> <p><i>190 community labor (19 labor* 10 range management structures) will participate in construction work in average of 25 days in each targeted area. Each labor will be paid \$4.2/day. The selected labor will conduct the construction and leveling work under the supervision and technical guidance of a trained community leader in each village.</i></p> <p><i>Cash for work will be closely supervised by Practical Action Project Officer at field level, priority will be given to unemployed individuals, chronically poor people, individuals heading large households (more than 7 children), and individuals with disabilities when it is possible to conduct this type of work.</i></p>						
2.11	Restocking with female ruminant animals	D	300	100.00	1	100.00	30,000.00
	<p><i>100\$ is the cost of purchase and transportation to the distribution locations per head of female goat/sheep.</i></p> <p><i>100 women-headed household in the 8 targeted villages in Telkok locality will be provided with 300 heads of milking goats/sheep (as preferred) – 3 heads/FHH from highly yielding breeds.</i></p> <p><i>CBOs and community leaders will provide support in the selection of the neediest FHH those have no access to milking livestock. Priority will be given to widows, householder with more than 7 children, illiterate, severely malnourished and chronically poor families.</i></p>						
2.12	Purchase and distribution of breeding small ruminant males	D	17	200.00	1	100.00	3,400.00

	<p>200\$ is the cost of purchase and transportation to the distribution locations per head of male goat/sheep.</p> <p>100 women-headed household in the 8 targeted villages in Telkok locality will be provided with 17 heads of male goats/sheep (as preferred) – 1 heads/18 FHH from highly yielding breeds. Provision of small ruminants' males will be associated with distribution of milking small ruminants for the breeding purpose.</p>						
2.13	Animal feed	D	100	202.50	1	100.00	20,250.00
	<p>Purchase of animal feed to 100 re-stocked FHH in Telkok locality. 202.5 kg of supplementary animal feed per household. Concentrates = 150kg/HH/3 months @ \$0.35/kg = \$52.5/HH Minerals licks = 50 kg/HH/3 months @ \$3/kg = \$150/HH</p>						
2.14	Agro-processing training	D	4	3,000.00	1	100.00	12,000.00
	<p>Conduct of 5 days agro-processing training for 150 women (6 training sessions, 25 each) in food reservation and processing techniques. Cost includes; \$600 agro-processing equipment/tools and supplies, \$1250 facilitation cost, \$500 catering, \$150 stationary, \$250 transportation, \$250 venue rent and other logistic costs. (25 women / session).</p> <p>This activity will provide multiple benefits. It is expected to improve the nutrition quality of the targeted HHs. It will help households to preserve food during production season for use off season. In addition, women will sell processed foods for improving household income by adding value to market. Trained women will organize training for women at their own villages or where possible in other villages. The project will provide food materials, simple equipment's for processing for training. This training session will cover the following agenda; (1) Introduction on vegetables and fruits drying (2) Milk processing and milk products, (3) Jams (4) Juice Making and (5) Pickling; Using Food processing manual developed by Practical Action & GOAL.</p>						
2.15	Seeds veterinary drugs	D	1	5,000.00	1	100.00	5,000.00
	<p>Purchase of veterinary drugs as a seed revolving drugs. Veterinary seed drugs will be provided to the CAHWs association in the locality in coordination with MoAR to support animal health through affordable installments within revolving mechanism that ensures sustainability of veterinary drugs supply.</p>						
2.16	Traning of established VS&LA	D	8	1,700.00	1	100.00	13,600.00
	<p>Cost for establishment, facilitation and training sessions for formation of 8 village saving and loans associations in Telkok locality those include; \$750 facilitation cost, \$500 catering, \$250 transportation, \$200 training material and others.</p>						
2.17	Installaion of drip irrigation systems	D	5	4,500.00	1	100.00	22,500.00
	<p>Cost of provision and installation of the drip irrigation system for 5 women farms and conduct of related operation and basic maintenance on-job training/women farm (with private contractor). Cost of the drip irrigation system \$4000 include installation + \$500 for on-job training to women farmers in basic operation and maintenance.</p>						
2.18	Rehabilitation of Haffir	D	2	11,500.00	1	100.00	23,000.00
	<p>Cost of rehabilitation material and labor (rehabilitation contract) for livestock watering for two Haffirs. The cost includes provision of construction material \$3500, rental of heavy machinery \$5000, skilled labor \$1500, Supervisor fees \$1500.</p>						
2.19	Water quality testing and monitoring	D	1	13,000.00	1	100.00	13,000.00
	<p>Cost includes investigation expenses; \$4000 chemical and microbiological , testing, \$3000 development of monitoring packages, and \$6000 promotion of local appropriate method and associated expenses (water testing cost, water testing kits, delagua..etc.)</p>						
2.20	Formation and training of WASH committees	D	8	5,000.00	1	100.00	40,000.00
	<p>This is for committees registration (\$300), formation meeting (3 meetings, \$100 each - \$300), tools kits (12 set /\$200 = \$2400) in addition to Training cost that includes; \$1000 trainer fees, \$150 stationary, \$500 catering, \$350 transportation..etc.</p>						
2.21	Sanitation and Hygiene training (ToT)	D	12	5,000.00	1	100.00	60,000.00
	<p>5 days ToT training session in CLTS/PHAST/Hygiene Promotion will be conducted for selected volunteers from the 8 targeted villages in Telkok include 3 members from each village WASH committee. Cost includes; \$2000 facilitation fees for quality external consultant, \$1500 participants' travel and accommodation (from villages to Kassala and stay for 5 nights), \$500 material and stationary, \$750 catering, \$250 in-town transportation..etc.</p> <p>Facilitation fees is based on 10 working days including 2 days travel + 2 days preparation of workshop materials + 1 day for workshop report writing , in addition to 5 days for workshop facilitation (rate of \$200 /day)</p>						
2.22	Awareness raising campaigns in sanitation and hygiene	D	16	2,437.50	1	100.00	39,000.00

	<p>2.22.1. Awareness sessions: (16 session * \$2000) 2 sessions per villages in 8 targeted villages; cost includes; \$500 facilitation fees, \$500 tents rent, \$500 learning materials (manuals, leaflets, posters..etc) and \$500 water and refreshments ..etc.</p> <p>2.22.2. IES material: (\$5000) IES material for the campaign includes; \$750 posters (with sanitation and hygiene messages); 150 poster @ \$5 \$750 caps, (with sanitation and hygiene messages); 300 cap @ \$2.5 \$2500 shirts, (with sanitation and hygiene messages). 250 T-shirts @ \$10 \$1000 notebooks (with sanitation and hygiene messages). 200 notebooks @ \$5</p> <p>2.22.3. Radio messages: (20 message * \$100) 20 radio messages will be produced and broadcasted in the two years, in 20 different hygiene topics. \$100 is the cost of production and broadcast of the hygiene message.</p>							
2.23	Schools hygiene promotion	D	2	3,000.00	1	100.00	6,000.00	
	in 2 schools; includes \$1500 teachers training using CHAST approach (\$500 trainer fees + \$500 catering + \$250 transportation + \$250 training material), in addition to the cost of provision of hygiene promotion materials for kids, hygiene kits (\$500 teeth brushes, \$500 combs, \$500 clippers,..etc) to promote hygiene among children (total of \$1500 for material).							
2.24	Household survey	D	2	3,250.00	1	100.00	6,500.00	
	Cost of conduct of household survey at the beginning of the project (baseline), and by the end of the project. The survey will cover the information needed by the two sectors (FSL & WASH) and will include information about the harvest, intake, income, water infrastructure, sanitation & hygiene ..etc.							
	The cost includes; consultants fees (\$1500) enumerators fees (\$250*4) = \$1000 Data entry and analysis, assessment tools and stationery \$ 250 (includes questionnaire printing) transportation to field locations \$500 (vehicles rent).							
2.25	Rehabilitation of 2 water yards	D	2	10,000.00	1	100.00	20,000.00	
	Cost includes; \$2000 maintenance for water tanks, \$1000 fencing, \$1000 animal troughs, \$500 taps, \$500 water pipeline, \$5000 engine, ..etc according to the requirement and status of each water point (contract).							
2.26	Rehabilitation of 7 Hand pumps & Construction of 4 hand pumps	D	11	2,595.45	1	100.00	28,549.95	
	<p>2.26.1. Rehabilitation of 7 hand pumps: Rehabilitation cost per pump = \$650*7 Rehabilitation cost includes purchase of spare parts (\$500) for; chain pipes, handle, cylinders and installation cost (\$150).</p> <p>2.26.2. Construction of 4 hand pumps: Construction cost per pump= \$6000*4 Construction cost includes cost of borehole drilling (\$4000) and installation of complete set hand pumps; hp body, handle, raising pipe, cylinders, chains..etc (\$2000).</p>							
2.27	Upgrade WY into solar operated	D	4	20,000.00	1	100.00	80,000.00	
	Include purchase and installation of solar systems (\$15,000) , in addition to required rehabilitation for the water yards (\$5000) (contract). Solar pumping system; solar panels, submersible pumps.							
2.28	Construction of check dams	D	3	3,000.00	1	100.00	9,000.00	
	Dam constructed by stones, gabion net; cost of the construction work; material (\$2000), and labor needed (\$1000) in order to establish appropriate water harvesting structure in the selected villages with poor aquafer.							
2.29	Construction of school latrines Blocks with multiple cubicles	D	4	10,000.00	1	100.00	40,000.00	
	construction cost include concrete slaps, bricks, cement, sand, pit latrines (\$11,000) + Labor & machinery (\$4500) + water storage/alleviated tank supporting the water system (\$4000), and hand washing facilities (\$500) (6 cubicles) - one girls school and one boys school							
2.30	Construction of public latrines Blocks with multiple cubicles (Health facilities and markets)	D	4	7,500.00	1	100.00	30,000.00	
	Separate latrines blocks for women and men, construction cost include concrete slaps, bricks, cement, sand, pit latrines (\$9000) + Labor and machinery (\$2500) + water storage/alleviated tank supporting the water system (\$4000) + hand washing facilities (\$500) (4 cubicles).							
	Section Total						638,595.95	
3. Equipment								
3.1	Purchase of office equipment for consortium - laptops	D	2	900.00	1	100.00	1,800.00	

	<i>This includes purchase of 2 laptops by Practical Action for use by monitoring staff to facilitate the flow of the information within the consortium.</i>						
3.2	Purchase of office equipment for consortium - scanner	D	1	450.00	1	100.00	450.00
	<i>This includes purchase of 1 scanner for Practical Action \$450</i>						
	Section Total						2,250.00
4. Contractual Services							
NA	NA	NA	0	0.00	0	0	0.00
	NA						
	Section Total						0.00
5. Travel							
5.1	Consortium Local travel	D	1	340.00	24	100.00	8,160.00
	<i>Consortium staff travels from Kassala - Khartoum to attend consortium meetings for planning, follow up..etc. (monthly trip) includes ticket and airport fees \$225, Accommodation \$100, perdiun \$15.</i>						
5.2	Consortium Monitoring missions	D	2	80.00	24	100.00	3,840.00
	<i>To the two localities; Consortium staff in-field visits to project locations for monitoring and follow up. \$80 for water/coffee/team and refreshment during the trip.</i>						
5.3	Local Travel	D	1	340.00	24	100.00	8,160.00
	<i>for Practical Action project staff and supporting team; 1 travel per month includes ticket and airport fees \$225, Accommodation \$100, perdiun \$15.</i>						
5.4	Field trips	D	4	70.00	24	100.00	6,720.00
	<i>Project staff visits to Telkok locality for community mobilization, implementation and follow up. \$70 for water /coffee/tea and refreshment during the trip.</i>						
	Section Total						26,880.00
6. Transfers and Grants to Counterparts							
6.1	SVO Staff and Other Personnel Costs	D	17	159.31	24	100.00	64,998.48

	<p>6.1.1. - Executive Director: \$7200= 1 employee*\$400*24 month* 75% of his/her time. (Contribute to the Executive Director salary for his/her role in supervision the project overall performance, strategic relations, planning and periodical reports quality 75% of the salary (inclusive of benefits) is charged to this project for a period of 24 months.)</p> <p>6.1.2. - Project Manager: \$6000= 1 employee*\$250*24 month* 100% of his/her time. (This position will oversee all Activities, participate in planning and coordination, manage SVO'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 24 months.)</p> <p>6.1.3. - Project Officer (Community Mobilizers): \$12600= 3 employees *\$200* 21 month * 100% their time. (He/ She will also be responsible of community mobilization, training and implementation of WASH activities. 100% of the salary (inclusive of benefits) is charged to this project for a period of 21 months.)</p> <p>6.1.4. - Project M&E Officer: \$4200= 1 employee*\$200*21 month* 100% of his/her time. (This is a personnel with M&E experience to follow up SVO activities implementation in HK, monitor and report. 100% of the salary (inclusive of benefits) is charged to this project for a period of 21 months.)</p> <p>6.1.5. - Accountant: \$4800= 1 employee*\$200*24 month* 100% of his/her time. (This position will be responsible for the daily accounting work related to the project transactions, record keeping and financial reviews at state level. 100% of the salary (inclusive of benefits) is charged to this project for a period of 24 months.)</p> <p>6.1.6. - Admin Officer: \$3600= 1 employee*\$200*24 month* 75% of his/her time. (Staff to support project implementation through procurement, office management, logistics and other general support activities. 75% of the salary (inclusive of benefits) is charged to this project for a period of 24 months.)</p> <p>6.1.7. - IT Officer: \$3600= 1 employee*\$200*24 month* 75% of his/her time. (This position will provide technical support to the project staff and ensure that all required communication tools are in place. 75% of the salary (inclusive of benefits) is charged to this project for a period of 24 months.)</p> <p>6.1.8. - Drivers: \$2517.12= 2 employee*\$52.44*24 month* 100% of his/her time. (Salaries for Drivers supporting project implementation. 100% of the salary (inclusive of benefits) is charged to this project for a period of 24 months.)</p> <p>6.1.9. - Cleaners: \$1188= 2 employee*\$33*24 month* 75% of his/her time. (Salaries for Cleaners supporting office and project staff. 75% of the salary (inclusive of benefits) is charged to this project for a period of 24 months.)</p> <p>6.1.10. - Program Manager - WASH: \$4500= 1 employee*\$250*24 month* 75% of his/her time. (Salary contribution to the WASH Manager at Country Office, responsible for overseeing the implementation of the project. 75% of the salary (inclusive of benefits) is charged to this project for a period of 24 months.)</p> <p>6.1.11. - Finance Manager: \$4500= 1 employee*\$250*24 month* 75% of his/her time. (Contribution to the salaries of the head of SVO Finance team to oversee all financial performance, compilation of partners' reports and production of financial report to donor. 75% of the salary (inclusive of benefits) is charged to this project for a period of 24 months.)</p> <p>6.1.12. - Logistic Officer: \$3600= 1 employee*\$200*24 month* 75% of his/her time. (This position will be responsible of all procurement related to the project interventions, including purchase process and logistic processes for the transfer to the project area, in addition to the communications with HAC authorities at state level. 75% of the salary (inclusive of benefits) is charged to this project for a period of 24 months.)</p> <p>6.1.13. - HR Officer: \$ 3600 = 1 employee*\$200*24 month* 75% of his/her time.</p> <p>6.1.14. Staff Development 5% = \$ 3095.26</p>						
6.2	SVO Supplies, Commodities, Materials : water quality testing and monitoring	D	1	11,000.00	1	100.00	11,000.00
	<p>water quality testing and monitoring: Cost includes investigation expenses; \$3000 chemical and microbiological , testing, \$2500 development of monitoring packages, and \$5500 promotion of local appropriate method and associated expenses (water testing cost, water testing kits, delaqua..etc.)</p>						
6.3	SVO Supplies, Commodities, Materials :Formation and training of WASH committees	D	8	5,000.00	1	100.00	40,000.00
	<p>Formation and training of WASH committees: This is for committees registration (\$300), formation meeting (3 meetings, \$100 each - \$300), tools kits (12 set /\$200 = \$2400) in addition to Training cost that includes; \$1000 trainer fees, \$150 stationary, \$500 catering, \$350 transportation..etc.</p>						
6.4	SVO Supplies, Commodities, Materials :Sanitation and Hygiene Promotion ToT training	D	12	5,000.00	1	100.00	60,000.00
	<p>Sanitation and Hygiene Promotion ToT training: 5 days ToT training session in CLTS/PHAST/Hygiene Promotion will be conducted for selected volunteers from the 8 targeted villages in Telkok include 3 members from each village WASH committee. Cost includes; \$2000 facilitation fees for quality external consultant, \$1500 participants' travel and accommodation (from villages to Kassala and stay for 5 nights), \$500 material and stationary, \$750 catering, \$250 in-town transportation..etc.</p> <p>Facilitation fees is based on 10 working days including 2 days travel + 2 days preparation of workshop materials + 1 day for workshop report writing , in addition to 5 days for workshop facilitation (rate of \$200 /day)</p>						
6.5	SVO Supplies, Commodities, Materials :Awareness raising campaign in sanitation & hygiene	D	16	2,875.00	1	100.00	46,000.00

	<p>6.5.1. Awareness sessions: (16 session * \$2000) 2 sessions per villages in 8 targeted villages; cost includes; \$500 facilitation fees, \$500 tents rent, \$500 learning materials (manuals, leaflets, posters..etc) and \$500 water and refreshments ..etc.</p> <p>6.5.2. IES material: (\$5000) IES material for the campaign includes; \$750 posters (with sanitation and hygiene messages); 150 poster @ \$5 \$750 caps, (with sanitation and hygiene messages); 300 cap @ \$2.5 \$2500 shirts, (with sanitation and hygiene messages). 250 T-shirts @ \$10 \$1000 notebooks (with sanitation and hygiene messages). 200 notebooks @ \$5</p> <p>6.5.3. Radio messages: (20 message * \$100) 20 radio messages will be produced and broadcasted in the two years, in 20 different hygiene topics. \$100 is the cost of production and broadcast of the hygiene message.</p> <p>6.5.4. Schools hygiene promotion: (2 schools * \$3500) in 2 schools; includes \$1500 teachers training using CHAST approach (\$500 trainer fees + \$500 catering + \$250 transportation + \$250 training material), in addition to the cost of provision of hygiene promotion materials for kids, hygiene kits (\$625 teeth brushes, \$625 combs, \$750 clippers,..etc) to promote hygiene among children (total of \$2000 for material).</p>						
6.6	SVO Supplies, Commodities, Materials :Rehabilitation of 2 water yards	D	2	10,00 0.00	1	100.00	20,000.00
	<p>Rehabilitation of 2 water yards: Cost includes; \$2000 maintenance for water tanks, \$1000 fencing, \$1000 animal troughs, \$500 taps, \$500 water pipeline, \$5000 engine, ..etc according to the requirement and status of each water point (contract).</p>						
6.7	SVO Supplies, Commodities, Materials :Rehabilitation of 5 Handpumps and construction of 4 handpumps	D	9	3,472 .20	1	100.00	31,249.80
	<p>Rehabilitation cost per pump = \$650*7 Rehabilitation cost includes purchase of spare parts (\$500) for; chain pipes, handle, cylinders and installation cost (\$150).</p> <p>Construction cost per pump= \$7000*4 Construction cost includes cost of borehole drilling (\$5000) and installation of complete set hand pumps; hp body, handle, raising pipe, cylinders, chains..etc (\$2000).</p>						
6.8	SVO Supplies, Commodities, Materials :Upgrade WY into solar operated	D	2	20,00 0.00	1	100.00	40,000.00
	<p>Upgrade WY into solar operated: Include purchase and installation of solar systems (\$15,000) , in addition to required rehabilitation for the water yards (\$5000) (contract). Solar pumping system; solar panels, submersible pumps.</p>						
6.9	SVO Supplies, Commodities, Materials :Construction of check dams	D	2	3,000 .00	1	100.00	6,000.00
	<p>Construction of check dams: Dam constructed by stones, gabion net; cost of the construction work; material (\$2000), and labor needed (\$1000) in order to establish appropriate water harvesting structure in the selected villages with poor aquafer.</p>						
6.10	SVO Supplies, Commodities, Materials :Construction of schools and public latrens (multiple cubicles)	D	8	8,750 .00	1	100.00	70,000.00
	<p>6.10.1. Schools latrines: construction cost include concrete slaps, bricks, cement, sand, pit latrines (\$11,000) + Labor & machinery (\$4500) + water storage/alleviated tank supporting the water system (\$4000), and hand washing facilities (\$500) (6 cubicles) - one girls schools and one boys school.</p> <p>6.10.2. Health facilities and markets latrines: Separate latrines blocks for women and men, construction cost include concrete slaps, bricks, cement, sand, pit latrines (\$9000) + Labor and machinery (\$2500) + water storage/alleviated tank supporting the water system (\$4000) + hand washing facilities (\$500) (4 cubicles).</p>						
6.11	SVO Travel	D	1	400.0 0	24	100.00	9,600.00
	<p>6.11.1. Local travel; \$250/trip *24 trip = \$6000 For SVO project staff and supporting team; 1 travel per month, includes ticket and airport fees \$150, Accommodation \$100 and peridium.</p> <p>6.11.2. Field trip; 3 trips/month*\$50/trip* 24 month = \$3600 Project staff visits to HK locality for community mobilization, implementation and follow up.</p>						
6.12	SVO General operating and other direct costs	D	1	1,395 .81	24	100.00	33,499.44
	<p>6.12.1. Contribution to office rent; \$500*24 month*70%= \$8400</p> <p>6.12.2. Contribution to office general running cost; \$200*24 month*70% = \$3360</p> <p>6.12.3. Contribution to office IT services; \$230*24 month* 70% = \$3864</p> <p>6.12.4. Vehicles running cost; \$750*24month*70% = \$12600</p> <p>6.12.5. Vehicle rent; 3 times/month*\$73.27*24 month = \$5275.44 (Cost of rent per day for monitoring trips conducted by project team for implementation, follow up and mobilization. Average of 3 vehicle rental /month will be needed (when required), while daily work will be conducted using the organization vehicles.)</p>						

6.13	SVO Propositionally PSC share 1.8%	D	1	30,264.50	1	100.00	30,264.50
6.14	SORD Staff and Other Personnel Costs	D	12	116.33	24	100.00	33,503.04
	<p>6.15.1. Project Manager; \$300 *24 month*100% of his/her time = \$7200. (This position will oversee all SORD Activities, participate in planning and coordination, manage SORD'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 24 months.)</p> <p>6.15.2. Project M&E Officer; \$250 *24 month*100% of his/her time = \$6000. (This is a personnel with M&E experience to follow up SORD activities implementation in HK, monitor and report. He/ She will also be responsible of community mobilization, training and implementation of FSL and nutrition activities. 100% of the salary (inclusive of benefits) is charged to this project for a period of 24 months.)</p> <p>6.15.3. Community Mobilizers (3 staff); \$100 *24 month*100% of their time = \$7200. (Full time project staff to deliver project activities at community level, conduct community mobilization activities, consultation for beneficiaries selections, distribution of inputs ..etc. 24 months of the project period.)</p> <p>6.15.4. Project Officer; \$250 *24 month*40% of his/her time = \$2400 (This Program Officer will dedicate 40% of her/his time to support project activities at field level, including community mobilization, M&E activities, training co-facilitation..etc. for 24 months (national))</p> <p>6.15.5. Program Coordinator; \$400*24month* 40% of his/her time = \$3840 (Contribution to the salary of the Head of East Sudan Office who will provide over all supervision over project implementation, staffing, financial performance and maintain strategic relationships with stockholders to ensure effective implementation. 40% of the salary (inclusive of benefits) is charged to this project for a period of 24 months.)</p> <p>6.15.6. Finance Officer; \$250 *24 month*40% of his/her time= \$ 2400 (This position will be responsible for the daily accounting work related to the project transactions, record keeping and financial reviews at state level. 40% of the salary (inclusive of benefits) is charged to this project for a period of 24 months.)</p> <p>6.15.7. Admin Officer; \$200 *24 month*40% of his/her time= \$ 1920 (Staff to support project implementation through procurement, office management, logistics and other general support activities. 40% of the salary (inclusive of benefits) is charged to this project for a period of 24 months.)</p> <p>6.15.8. IT Officer; \$200 *24 month*40% of his/her time= \$ 1920 (This position will provide technical support to the project staff and ensure that all required communication tools are in place. 40% of the salary (inclusive of benefits) is charged to this project for a period of 24 months.)</p> <p>6.15.9. Driver; \$40 *24 month*40% of their time= \$ 384 (Salaries for Drivers supporting project implementation. 40% of the salary (inclusive of benefits) is charged to this project for a period of 24 months.)</p> <p>6.15.10. Cleaner; \$25*24 month*40% of their time= \$ 240 (Salaries for cleaners supporting project implementation. 40% of the salary (inclusive of benefits) is charged to this project for a period of 24 months.)</p>						
6.15	SORD Supplies, Commodities, Materials : Purchase and distribution of seeds and tools for 400 farmer	D	400	20.00	1	100.00	8,000.00
	<p>Purchase and distribution of seeds and tools for 400 farmer:</p> <p>Vegetables, legumes and cereals seeds and farming tools will be purchased and distributed to 400 targeted farmers includes 300 men and women smallholder farmers, 100 women for home gardening. Seeds will be distributed in summer and winter according to the type of the seeds throughout the two years of project life.</p> <p>The distribution cost per each seeds' package includes; logistics and transportation to field locations \$ 2.0, warehousing (Including loading and offloading) \$2.0. The total \$ 4per each beneficiary.</p> <p>The purchase and distribution cost per set agriculture hand tools' package includes; a weeding and planting, logistics and transportation to field locations (including warehousing, loading and offloading)\$ 1.0 per set while the production cost is \$5 per set.</p>						
6.16	SORD Supplies, Commodities, Materials : Provision of fruits seedlings for 100 women farmers	D	100	10.00	1	100.00	1,000.00
	<p>Provision of fruits seedlings for 100 women farmers: Cost of purchase of nutritious fruits seedlings (e.g. Citrus species) to be distributed to 100 selected women farmers includes individual women for rain-fed home gardening.</p> <p>Widows, women-headed households, women with more than 7 children, older women and women with disabilities will be prioritized.</p>						
6.17	SORD Supplies, Commodities, Materials : Training in vegetables cultivation & horticulture (4 sessions) + Training on fodder conservation techniques (8 sessions)	D	12	2,000.00	1	100.00	24,000.00

	<p>6.18.1. Training in vegetables cultivation & horticulture (4 sessions) 4 sessions targeting 100 women farmers (25 each). Session cost include facilitation, transportation, catering training materials, stationary and other logistic expenses. 8 sessions targeting 400 women farmers (25 each). Sessions' cost include; facilitation, transportation, catering training materials, stationary and other logistic expenses.</p> <p>6.18.2. Training on fodder conservation techniques (8 sessions) 8 training sessions for pastoral and agro-pastoral established associations (50 member each) in the modern simple way for fodder conservation. Cost includes; \$1000 facilitation fees, \$250 training material, \$250 transportation, \$500 catering...etc.</p>						
6.18	SORD Supplies, Commodities, Materials : Awareness raising session on the importance of healthy diets	D	8	1,250.00	1	100.00	10,000.00
	<p>Awareness raising session on the importance of healthy diets: This awareness raising sessions will be organized in collaboration with nutrition departments to raise community awareness about importance of healthy diets and reduce malnutrition in the locality. The sessions will be organized in the eight targeted villages in Telkok locality. Costs include \$500 facilitation cost, \$250 learning materials, \$250 tents rent, \$250 refreshments and other logistic costs.</p>						
6.19	SORD Supplies, Commodities, Materials : Provision of Poultry flocks	D	70	900.00	1	100.00	63,000.00
	<p>Provision of Poultry flocks : with poultry farming training, purchase of 70 poultry flock for 70 FHH in HK locality.</p> <p>The cost include the purchase and transportation of a flock of 100 bird with the required vaccination, watering and ration plates, in addition to on job training on how to farm the poultry in houses. Flock purchase \$300, transportation \$250, vaccination 10\$, feeding and watering plates \$40, on job training \$300</p>						
6.20	SORD Supplies, Commodities, Materials : Support vaccination campaign	D	50000	0.04	1	100.00	2,000.00
	<p>Support vaccination campaign: Facilitate vaccination of 25,000 head of livestock owned by 2500 pastoral and agro-pastoral HHs in Hamashkoreib locality includes cost of 50,000 vaccination doses, summer and winter (2nd year) vaccination process @ \$ 0.04/dose.</p>						
6.21	SORD Supplies, Commodities, Materials : CAHWs refresher training and seed veterinary drugs	D	16	545.77	1	100.00	8,732.32
	<p>6.21.1. CAHWs refresher training : 16CAHWs * \$231 = \$3696 The community animal health worker – CAHW, refresher training costs for 16 CAHWs (2 from each targeted villages in Telkok locality). Cost per each participant includes; facilitation \$ 20, Transport subsistence to CAHWS \$ 11, stationery and supplies (including handouts) CAHWS kit 200 Total cost per unit \$231</p> <p>6.21.2. Seed veterinary drugs: \$5036.36 Purchase of veterinary drugs as a seed revolving drugs. Veterinary seed drugs will be provided to the CAHWs association in the locality in coordination with MoAR to support animal health through affordable installments within revolving mechanism that ensures sustainability of veterinary drugs supply.</p>						
6.22	SORD Supplies, Commodities, Materials : CASH for Work - Mesquite clearnace	D	50	3.30	42	100.00	6,930.00
	<p>CASH for Work - Mesquite clearance: Cash paid for 50 local labor from 8 targeted villages in Hamshkorieb locality for 42 working days for mesquite clearance in 200 Feddan (400 square meter per day) in the agricultural land and water basin in the targeted villages @ \$3.3 /day. Cash for work will be closely supervised by Practical Action Project Officer at field level, priority will be given to unemployed individuals, chronically poor people, individuals heading large households (more than 7 children), and individuals with disabilities when it is possible to conduct this type of work.</p>						
6.23	SORD Supplies, Commodities, Materials : Natural Resource training & Mapping	D	2	2,500.00	1	100.00	5,000.00
	<p>Natural Resource training & Mapping: Cost for 2 training sessions in natural resource management and mapping in Hamashkoreib locality. 50 participants (15 women) representing different community groups and stakeholders will be trained (25 in each session) to use a participatory planning approach to develop natural resources management plans in their areas within three full training days . Cost includes; \$1000 facilitation cost \$350 mapping materials , \$250 transportation, \$500 catering, \$150 stationary, \$250 venue rent and other logistic costs.</p>						
6.24	SORD Supplies, Commodities, Materials : CASH for work - Terracing & other range management techniques	D	152	4.20	25	100.00	15,960.00
	<p>CASH for work - Terracing & other range management techniques: Cost per village work to construct appropriate range management structures. SORD in coordination with community leaders and existing CBOs will mobilize the communities in the targeting villages in Hamashkoreib locality to construct 8 range management techniques that could be terraces or any other selected technique that will enhance pasture through improve water retention in the grazing land.</p> <p>152 community labor (19 labor* 8 range management structures) will participate in construction work in average of 25 days in each targeted area. Each labor will be paid \$4.2/day. The selected labor will conduct the construction and leveling work under the supervision and technical guidance of a trained community leader in each village.</p> <p>Cash for work will be closely supervised by Practical Action Project Officer at field level, priority will be given to unemployed individuals, chronically poor people, individuals heading large households (more than 7 children), and individuals with disabilities when it is possible to conduct this type of work.</p>						
6.25	SORD Supplies, Commodities, Materials : Purchase and distribution of breeding small ruminant males	D	10	200.00	1	100.00	2,000.00

	<i>Purchase and distribution of breeding small ruminant males:</i>						
	<i>100 women-headed household in the 8 targeted villages in HK locality will be provided with 10 heads of male goats/sheep (as preferred) – 1 heads/18 FHH from highly yielding breeds. Provision of small ruminants' males will be associated with distribution of milking small ruminants for the breeding purpose.</i>						
6.26	SORD Supplies, Commodities, Materials : Agro-processing training	D	4	3,000.00	1	100.00	12,000.00
	<i>Agro-processing training: Conduct of 5 days agro-processing training for 150 women (6 training sessions, 25 each) in food reservation and processing techniques. Cost includes; \$600 agro-processing equipment/tools and supplies, \$1250 facilitation cost, \$500 catering, \$150 stationary, \$250 transportation, \$250 venue rent and other logistic costs. (25 women / session).</i>						
	<i>This activity will provide multiple benefits. It is expected to improve the nutrition quality of the targeted HHHs. It will help households to preserve food during production season for use off season. In addition, women will sell processed foods for improving household income by adding value to market. Trained women will organize training for women at their own villages or where possible in other villages. The project will provide food materials, simple equipment's for processing for training. This training session will cover the following agenda; (1) Introduction on vegetables and fruits drying (2) Milk processing and milk products, (3) Jams (4) Juice Making and (5) Pickling; Using Food processing manual developed by Practical Action & GOAI.</i>						
6.27	SORD Supplies, Commodities, Materials : Training of established VS&LA	D	5	1,700.00	1	100.00	8,500.00
	<i>Training of established VS&LA: Cost for establishment, facilitation and training sessions for formation of 8 village saving and loans associations in Telkok locality those include; \$750 facilitation cost, \$500 catering, \$250 transportation, \$200 training material and others.</i>						
6.28	SORD Travel	D	1	165.00	24	100.00	3,960.00
	<i>Travel \$3960 6.28.1 National travel - bus \$65/trip * 24 trip = \$1560 For SORD project staff and supporting team; 1 travel per month includes bus tickets\$ 20, Accommodation \$45 per diem 6.28.2. Field trips - 2 missions per month; \$50/trip * 24 month = \$2400 Project staff visits to HK locality for community mobilization, implementation and follow up.</i>						
6.29	SORD General operating and other direct costs	D	1	764.16	24	100.00	18,339.84
	<i>General operating and other direct cost \$18340 6.29.1. Contribution to office rent \$350*24 month * 40% = \$3360 6.29.2. Vehicles running cost \$500*24 month*40% = \$4800 6.29.3. Vehicle rent per month \$485 *20 month*100% = \$9700 6.29.4. Visibility and documentation \$60 per quarter * 8 quarters = \$480</i>						
6.30	SORD Propositionally PSC share .93%	D	1	15,605.10	1	100.00	15,605.10
	Section Total						
							701,142.52
7. General Operating and Other Direct Costs							
7.1	Consortium Coordination meetings	D	1	55.00	12	100.00	660.00
	<i>Coordination meetings with partners (every two months in coordination with the N-H consortium) ; stationary \$10, refreshments/catering \$45 in the meeting.</i>						
7.2	Project visibility and knowledge sharing (Consortium)	D	1	2,000.00	1	100.00	2,000.00
	<i>Cost of production of knowledge material documenting the experience, successes and innovative solutions used. That will include the cost of production and printing project highlight leaflets (\$500), 2 technical briefs about innovative solutions used (\$500), 2 banners (\$500), T-shirts and pens (\$500). To be disseminated to different partners and to the stakeholders at state and national level.</i>						
7.3	Contribution to Kassala office rent	D	1	1,500.00	24	30.00	10,800.00
	<i>30% contribution to Kassala office monthly rent.</i>						
7.4	Contribution to country office rent	D	1	3,000.00	24	15.00	10,800.00
	<i>15% contribution to Khartoum office monthly rent.</i>						
7.5	Contribution Kassala office general running cost	D	1	850.00	24	30.00	6,120.00
	<i>30% contribution to Kassala office general running cost includes; utilities, consumables, and maintenance</i>						
7.6	Contribution Khartoum office general running cost	D	1	1,100.00	24	15.00	3,960.00
	<i>15% contribution to Khartoum office general running cost includes; utilities, consumables, and maintenance</i>						

7.7	General Security costs	D	1	900.00	24	30.00	6,480.00
<i>30% Contribution to security contract and guards.</i>							
7.8	IT services	D	1	1,750.00	24	30.00	12,600.00
<i>Contribution to total IT services and networks including internet and technical personnel.</i>							
7.9	Vehicles running costs - Kassala	D	1	900.00	24	30.00	6,480.00
<i>30% of the average monthly vehicle running costs in Kassala office, include fuel, lubricants, insurance and maintenance.</i>							
7.10	Vehicles running cost - Country Office	D	1	1,500.00	24	15.00	5,400.00
<i>15% of the average monthly vehicle running costs in Khartoum office, include fuel, lubricants, insurance and maintenance. (for the project related logistic and administrative support).</i>							
7.11	Vehicles rent	D	3	94.00	24	100.00	6,768.00
<i>Cost of rent per day for monitoring trips conducted by project team for implementation, follow up and mobilization. Average of 3 vehicles rental /month will be needed (when required), while daily work will be conducted using the organization vehicles.</i>							
7.12	Visibility communication and knowledge sharing (Practical Action)	D	1	3,000.00	1	100.00	3,000.00
<i>Cost of production and dissemination of visibility material includes 22 signboards (\$1540), banners (\$460), and knowledge products (\$1000).</i>							
7.13	Project Launching workshop	D	1	1,800.00	1	100.00	1,800.00
<i>Cost of project launching workshop will be conducted at the beginning of the project. 100 participants will be invited from partners and stakeholders. The cost includes; \$350 venue rent, \$1000 catering, \$250 stationary and \$200 invitations.</i>							
7.14	Project Annual review	D	1	2,300.00	1	100.00	2,300.00
<i>Cost of project annual review will be conducted by the end of the first year. 40-50 participants will attend from partners and stakeholders. The cost includes; \$200 venue rent, partners' participants travel and accommodation (6*200 = \$1200), \$750 catering, \$150 stationary.</i>							
7.15	Project half year review	D	2	2,000.00	1	100.00	4,000.00
<i>Cost of project reviews will be conducted in the mid of each year. 20 - 25 participants will attend from partners and stakeholders. The cost includes; \$200 venue rent, partners' participants travel and accommodation (6*200 = \$1200), \$500 catering, \$100 stationary</i>							
Section Total							83,168.00
SubTotal				103,296.00			1,678,224.47
Direct							1,678,224.47
Support							
PSC Cost							
PSC Cost Percent							4.27
PSC Amount							71,660.18
Total Cost							1,749,884.65
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	44	8,190	7,678	4,960	4,766	25,594	<p>FOOD SECURITY AND LIVELIHOODS: Activity 1.1.1: Provide 925 small scale holders (625 in Telkok and 300 in Hamashkoreib) with essential inputs (moisture stress tolerance crops, vegetable and legumes...</p> <p>FOOD SECURITY AND LIVELIHOODS: Activity 1.1.2: Support 350 Vulnerable female-headed households (250 in Telkok and 100 in Hamashkoreib) to establish and maintain home gardens with high nutrition-val...</p> <p>FOOD SECURITY AND LIVELIHOODS: Activity 1.1.4: Conduct Household surveys at the beginning of the project (baseline) and post the project implementation to provide a benchmark and verification sou...</p> <p>FOOD SECURITY AND LIVELIHOODS: Activity 1.2.1: Veterinary services include treatment and support to vaccination campaigns to 50,000 heads of livestock (25,000 in Telkok and 25,000 in Hamashkoreib)...</p> <p>FOOD SECURITY AND LIVELIHOODS: Activity 1.2.2: Support to community based animal health services by providing refresher training for 32 CAHWs including 30% women from 16 villages in Telkok and Ham...</p> <p>FOOD SECURITY AND LIVELIHOODS: Activity 1.2.3: Establish 16 pastoralist and agro-pastoralist associations (8 in Telkok and 8 in Hamashkoreib) and train them in fodder conservation techniques for d...</p> <p>FOOD SECURITY AND LIVELIHOODS: Activity 1.2.5: Conduct 4 training sessions (2 in Telkok and 2 in Hamshkoreib) in Participatory Natural Resource Management mapping. Using a Participatory planning D...</p> <p>FOOD SECURITY AND LIVELIHOODS: Activity 1.2.6: Construct soil terraces and introduce modernized techniques for range management including nutritious range seeds (grasses & shrubs) broadcasting in ...</p> <p>FOOD SECURITY AND LIVELIHOODS: Activity 1.2.7: Joint coordination meetings with KPHF and TOD (Nutrition and Health) in monthly basis to jointly coordinate for the mutual activities, exchange infor...</p> <p>FOOD SECURITY AND LIVELIHOODS: Activity 1.3.1: Provide 3 heads flock of female small ruminant (sheep/goat) to 100 women headed households in Telkok locality. Additionally, every six households tar...</p> <p>FOOD SECURITY AND LIVELIHOODS: Activity 1.3.2: Provide 70 Poultry flocks to selected vulnerable women in Hamashkoreib locality. Recipients will be selected according to acceptability. Provided pou...</p> <p>FOOD SECURITY AND LIVELIHOODS: Activity 1.3.3: Expand cultivable land by clearing invasive mesquite trees in and close to water stream beds using cash for work, and replanting indigenous trees for...</p> <p>FOOD SECURITY AND LIVELIHOODS: Activity 1.3.4: Conduct 8 agro-processing training sessions (4 in each locality) for food reservation/processing (25 women each). A total of 200 women from the IYCF ...</p> <p>FOOD SECURITY AND LIVELIHOODS: Activity 1.3.5: Establish 13 women Village Saving & Loans Associations (VSLA); 8 in Telkok and 5 in Hamashkoreib to provide members with informal opportunity to sa...</p> <p>WATER, SANITATION AND HYGIENE: Activity 1.1.1: Total of 30 water points (water yards, hand pumps) will be either be constructed, rehabilitated or upgraded. Those include construction of 8 hand pu...</p> <p>WATER, SANITATION AND HYGIENE: Activity 1.1.2: Construction of check dams and other appropriate ground water recharging techniques (5 structures; 3 in Telkok and 2 in Hamashkoreib) to improve wate...</p>

Kassala -> Telkok	56	10,333	9,688	6,258	6,013	32,292	<p>FOOD SECURITY AND LIVELIHOODS: Activity 1.1.1: Provide 925 small scale holders (625 in Telkok and 300 in Hamashkoreib) with essential inputs (moisture stress tolerance crops, vegetable and legumes...</p> <p>FOOD SECURITY AND LIVELIHOODS: Activity 1.1.2: Support 350 Vulnerable female-headed households (250 in Telkok and 100 in Hamashkoreib) to establish and maintain home gardens with high nutrition-val...</p> <p>FOOD SECURITY AND LIVELIHOODS: Activity 1.1.3: Support establishment of 5 women farms (25 women in each) in Telkok utilizing waste water from water yards in five villages (Erdrut, Eltayot, Maman B...</p> <p>FOOD SECURITY AND LIVELIHOODS: Activity 1.1.4: Conduct Household surveys at the beginning of the project (baseline) and post the project implementation to provide a benchmark and verification sou...</p> <p>FOOD SECURITY AND LIVELIHOODS: Activity 1.2.1: Veterinary services include treatment and support to vaccination campaigns to 50,000 heads of livestock (25,000 in Telkok and 25,000 in Hamashkoreib)...</p> <p>FOOD SECURITY AND LIVELIHOODS: Activity 1.2.2: Support to community based animal health services by providing refresher training for 32 CAHWs including 30% women from 16 villages in Telkok and Ham...</p> <p>FOOD SECURITY AND LIVELIHOODS: Activity 1.2.3: Establish 16 pastoralist and agro-pastoralist associations (8 in Telkok and 8 in Hamashkoreib) and train them in fodder conservation techniques for d...</p> <p>FOOD SECURITY AND LIVELIHOODS: Activity 1.2.4: Rehabilitation of 2 Haffirs for livestock watering in Tekyayi and Hashaniet East villages in Telkok locality to provide water for about 30,000 head o...</p> <p>FOOD SECURITY AND LIVELIHOODS: Activity 1.2.5: Conduct 4 training sessions (2 in Telkok and 2 in Hamshkoreib) in Participatory Natural Resource Management mapping. Using a Participatory planning D...</p> <p>FOOD SECURITY AND LIVELIHOODS: Activity 1.2.6: Construct soil terraces and introduce modernized techniques for range management including nutritious range seeds (grasses & shrubs) broadcasting in ...</p> <p>FOOD SECURITY AND LIVELIHOODS: Activity 1.2.7: Joint coordination meetings with KPHF and TOD (Nutrition and Health) in monthly basis to jointly coordinate for the mutual activities, exchange infor...</p> <p>FOOD SECURITY AND LIVELIHOODS: Activity 1.3.1: Provide 3 heads flock of female small ruminant (sheep/goat) to 100 women headed households in Telkok locality. Additionally, every six households tar...</p> <p>FOOD SECURITY AND LIVELIHOODS: Activity 1.3.3: Expand cultivable land by clearing invasive mesquite trees in and close to water stream beds using cash for work, and replanting indigenous trees for...</p> <p>FOOD SECURITY AND LIVELIHOODS: Activity 1.3.4: Conduct 8 agro-processing training sessions (4 in each locality) for food reservation/processing (25 women each). A total of 200 women from the IYCF ...</p> <p>FOOD SECURITY AND LIVELIHOODS: Activity 1.3.5: Establish 13 women Village Saving & Loans Associations (VSLA); 8 in Telkok and 5 in Hamashkoreib to provide members with informal opportunity to sa...</p> <p>WATER, SANITATION AND HYGIENE: Activity 1.1.1: Total of 30 water points (water yards, hand pumps) will be either be constructed, rehabilitated or upgraded. Those include construction of 8 hand pu...</p>
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Documents	
Category Name	Document Description
Project Supporting Documents	Beneficiaries profile .xlsx
Project Supporting Documents	Child protection mainstreaming joint statement.pdf
Project Supporting Documents	ProjectProposalPractical Action (8381) 26 April Input LN 29 April.doc
Budget Documents	PA 8381 TRC.1.xlsx
Budget Documents	Sub-grantees detailed budget.xls
Budget Documents	Updated Sub-grantees detailed budget.xls May 2018
Budget Documents	PA 8381 - TRC 2.xls
Budget Documents	PA 8381 - TRC 3.xls
Budget Documents	PA respond to Elizabeth comments.xls
Budget Documents	PA 8381 - TRC Final.xlsx
Budget Documents	PA respond to 23 May comments.xls
Budget Documents	PA 8381 - TRC 5.xlsx
Technical Review	ProjectProposal Practical Action (8381).doc
Technical Review	ProjectProposal Practical Action (8381) 25 March.doc
Technical Review	Logframe PA.docx