

<b>Requesting Organization :</b>	American Refugee Committee				
<b>Allocation Type :</b>	Standard Allocation 1 (Jan 2017)				
<b>Primary Cluster</b>	<b>Sub Cluster</b>	<b>Percentage</b>			
Water, Sanitation and Hygiene		100.00			
		<b>100</b>			
<b>Project Title :</b>	Emergency response to needs of men, women, girls and boys IDPs and host community affected by extreme drought conditions in Taleex district in Sool Region				
<b>Allocation Type Category :</b>					
<b>OPS Details</b>					
<b>Project Code :</b>		<b>Fund Project Code :</b>	SOM-17/3485/SA1 2017/WASH/INGO/4691		
<b>Cluster :</b>		<b>Project Budget in US\$ :</b>	249,991.38		
<b>Planned project duration :</b>	6 months	<b>Priority:</b>			
<b>Planned Start Date :</b>	15/02/2017	<b>Planned End Date :</b>	15/08/2017		
<b>Actual Start Date:</b>	15/02/2017	<b>Actual End Date:</b>	15/08/2017		
<b>Project Summary :</b>	<p>The 2017 Humanitarian Needs Overview (HNO) for Somalia reports that 5 million people are in need of humanitarian assistance in Somalia, or over 40 percent of the population. Of the 5 million, 70 to 80 percent are elderly, women, and children. Additionally, over 1.1 million people are internally displaced (IDPs), with the majority in urban centers.</p> <p>HNO also reports that “an estimated 3.3 million people need access to emergency health care and 3.3 million women, girls, boys and men require improved access to water, sanitation and hygiene (WASH).” Protection needs are also increasing, particularly for the 1.1 million IDPs.</p> <p>More specifically, the Somalia Drought Condition Map shared in this SHF and CERF integrated approach allocation shows that the entire Taleex district in Sool region is experiencing extreme drought condition.</p> <p>The situation has not improved since the President of Somaliland declared an emergency in November 2016 in what he described as the most severe drought in the history of Somaliland, affecting over 1.5 million people as a result of three back-to-back years (2014-2016) of failed rains. The people affected include displaced families (IDPs) who lost their entire livestock to the drought. In his appeal, the President cited then seasonal assessment by Food Security and Nutrition Analysis Unit (FSNAU) and the Famine Early Warning System Network (FEWSNET) that reported more than one million people in need of humanitarian assistance and nearly 248,000 are at risk and face acute food shortages in Somaliland. The latest findings from a countrywide seasonal assessment conducted in December 2016 indicate that over 2.9 million people face Crisis and Emergency (IPC Phases 3 and 4) across Somalia through June 2017 (FSNAU/FEWSNET Feb 2, 2017). This represents more than two-fold increase compared to six months ago. The same assessment also indicates that 36,000 people in Sool are under emergency (IPC4) category with 65,000 people in crisis (IPC 3).</p>				
<b>Direct beneficiaries :</b>					
	<b>Men</b>	<b>Women</b>	<b>Boys</b>	<b>Girls</b>	<b>Total</b>
	3,234	3,366	2,780	2,620	12,000
<b>Other Beneficiaries :</b>					
<b>Beneficiary name</b>	<b>Men</b>	<b>Women</b>	<b>Boys</b>	<b>Girls</b>	<b>Total</b>
Internally Displaced People	882	918	600	600	3,000
People in Host Communities	2,352	2,448	1,600	1,600	8,000
Children under 18	0	0	580	420	1,000
<b>Indirect Beneficiaries :</b>					
<p>ARC is targeting IDPs and the most vulnerable among the host community to reduce possible resource based conflicts. Apart from the 6,000 people directly targeted for Water distribution and 6,000 people among them 1,000 pupils who will benefit from the upgrading of two wells and latrines in schools, there is an estimated 3,000 people who will indirectly benefit from the interventions either by way of offering services like water transportation, supplying goods and materials or accessing the services like less costly, potable water from the two solar powered Wells.</p>					
<b>Catchment Population:</b>					

ARC will target three category of population catchments. Taleex district in Sool is experiencing extreme drought situation according to the map. ARC will target a total population of 6000 with emergency distribution of safe water. Among the 6000, we have 3000 migrants from other districts and 3000 most affected from the host population. They will receive 5 litres of potable water per day for two months (60 days) and household water fetching and storage containers and provision of emergency hygiene kits.

Another 6,000 among them 1000 pupils will benefit from low cost water access after two wells are installed with solar power thereby reducing the cost of producing and accessing water. They are the affected population who have converged in these two strategic water points and ARC will install solar to improve reliability and cost effectiveness to cushion the most affected from the high cost of fuel and service parts. The 1000 pupils in the two schools will have water extended to their schools and 5000 litres plastic tanks installed.

The schools will further benefit from construction of four blocks of permanent latrines that will drastically reduce the pupils: latrine ration currently standing at 170 pupils to latrine and 257 pupils to a latrine in the other. The most affected community will be supported to safely collect and dispose the carcasses.

ARC will also give technical and material support to encourage both host and migrant communities to build temporary latrines to curb open defecation around the strategic water facilities. ARC is therefore targeting 12,000 primary beneficiaries and 20% indirect beneficiaries in Taleex district.

**Link with allocation strategy :**

The core elements of the Integrated Approach SHF 2017 are: Focus on drought, including drought related diseases such as AWD/cholera ;Protection: In line with the HRP, that consider protection as central across all clusters; Life-saving interventions focusing on immediate life-saving response, and rapidity of response in particular enabling the most urgent scale up by March, before the Gu rains;

Another important aspect of the approach is the integration across clusters which is encouraged, with schools playing a particularly critical role, as already during the 2016; and support for response enablers also being considered;

In line with the above core elements, ARC proposes activities that will adequately answer to the call. Under lifesaving response, ARC proposes to provide rapid and immediate relief to the most affected by provision of safe water to a total of 1000 HHS (6000 person) in Taleex district that is currently undergoing extreme drought situation. During water distribution, the most vulnerable group will receive water fetching containers where priority will be given to women and children. Women and men will fetch from different points. ARC also plans to purchase and distribute 812 jerricans to those who lost their containers during migration or had their containers damaged. For families most recently displaced, ARC will distribute complete set of hygiene kits like soap to improve their personal hygiene.

Under drought intervention, ARC will maximize on the gains already achieved through OFDA funded drought response activities by targeting two Wells in Taleex for installation of Solar system to reduce the cost of operation and maintenance and provide relief to people whose economic capacity has been seriously undermined by the prolonged drought. Water will also be extended to the two schools in the area to ensure that pupils in these schools have reliable supply of water for personal use and to support the very critical school feeding program that is facing challenges due to lack of water for cooking.

On whole system approach, over the years, ARC has made concerted efforts to design activities in the Health, Protection and WASH sectors that can be integrated for effective and efficient management of both human and material resources in order to achieve the overall goal of reducing mortality, morbidity and suffering among internally displaced persons (IDPs) and vulnerable host communities. WASH teams will be working together with their Health counterparts to provide support to health facilities run by ARC in construction/ repair of latrines and installation of hand washing facilities. WASH hygiene promoters will work closely with their Health counterparts to provide hygiene promotion sessions at MCHs run by ARC as part of public health promotion. Community health workers (CHWs) comprising of WASH and health staff will work together on community mobilization and public health promotion.. In close coordination with the health team, hygiene promoters will be deployed in high risk areas. Both sectors will produce a common set of Inform, Educate and Communicate (IEC) materials and key messages to reduce cost and maximize on resource use.

**Sub-Grants to Implementing Partners :**

Partner Name	Partner Type	Budget in US\$

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

Other Funding Source	Other Funding Amount

**Organization focal point :**

Name	Title	Email	Phone
Adan Adar	Country Director	adana@archq.org	+254 704 595 491
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**BACKGROUND**

**1. Humanitarian context analysis**

Severe drought continues to worsen across Somalia, due to the failure of three consecutive rainy seasons during 2015-2016, followed by a prolonged dry season Hagaa (July-September 2016) and significantly below-average Deyr rainfall (October-December 2016). At the end of 2016, drought conditions exacerbated in Puntland and Somaliland, but also expanded to other regions in southern and central Somalia, including Gedo, Hiraaan, Galgaduud, and Lower Juba regions. On 12 November 2016, the President of the Federal Government of Somalia issued an appeal to all Somalis and the international community to provide support to the drought-affected communities country-wide. Over the past six months, the food security and nutrition situation in the country has worsened and malnutrition rates remain high, with 320,000 children under age 5 acutely malnourished, of which 50,000 are severely acutely malnourished and at the risk of death. In addition, the deepening drought and acute water shortages have led to an increased incidence of acute watery diarrhea (AWD)/cholera outbreaks, which have already been reported in many regions across the country. This is further worsened by the already existing lack of basic health services in most regions that are affected by the drought. The lack of water and pasture has deteriorated livestock body conditions, access to livelihoods and increased the number of internally displaced.

Worsening drought conditions have increased displacement and put additional pressure on limited services and family structures, leading to family separation, intimate partner violence and an increase in harmful social norms such as child marriage and child labor. Displacement, inward migration and negative coping strategies also increase the risk of 90,000 children dropping out of school. Further, the number of displaced people to urban centres will increase during 2017.

The ongoing drought continues to be the main driver of humanitarian needs in Somalia, and the analysis suggests that the current crisis is likely to intensify during the coming months and due to the projected below-average Gu rainfall. The likelihood of a famine remains real should the 2017 Gu season is very poor, household purchasing power declines to 2010/2011 levels and delivery of humanitarian assistance to people in need is hampered.

The situation has not improved since the President of Somaliland declared an emergency in November 2016 in what he described as the most severe drought in the history of Somaliland, affecting over 1.5 million people as a result of three back-to-back years (2014-2016) of failed rains. The people affected include displaced families (IDPs) who lost their entire livestock to the drought. In his appeal, the President cited then seasonal assessment by Food Security and Nutrition Analysis Unit (FSNAU) and the Famine Early Warning System Network (FEWSNET) that reported more than one million people in need of humanitarian assistance and nearly 248,000 are at risk and face acute food shortages in Somaliland. The latest findings from a countrywide seasonal assessment conducted in December 2016 indicate that over 2.9 million people face Crisis and Emergency (IPC Phases 3 and 4) across Somalia through June 2017 (FSNAU/FEWSNET Feb 2, 2017). This represents more than two-fold increase compared to six months ago. The same assessment also indicates that 36,000 people in Sool are under emergency (IPC4) category with 65,000 people in crisis (IPC 3).

## **2. Needs assessment**

The prolonged drought in Sool region has a serious implications on water, hygiene and sanitation (WASH). Recent publications show lack of water as a major problem in Sool and Sanaag, there is a widening and evidenced increase in distance to access water since the incidence of this drought and situation has not yet changed. The quantity of available clean water is clearly a problem, but so too is the poor functionality of water infrastructure which is limiting access to available water. ARC is currently implementing drought response activities in Sool regions with funds from OFDA but the magnitude of needs looked at against available resources is overwhelming; more humanitarian supports is needed both in the short and long term as the government of Somaliland is poorly resourced to address the impact of the disaster. Besides that, there is a large influx of internal displaced people (IDPs) in these regions caused by this droughts with poor sanitation and hygiene situations due to the lack of proper latrines. The latest map shows Taleex district in Sool region as experiencing extreme drought situation. This is an area whose economic mainstay is livestock. Communities in these areas rely on natural water sources like dams, water pans and berkards for both human and livestock use. All these critical life sustaining sources of water have since dried up leaving a few deep bore-holes as the only source of water. The deep bore-holes are not only expensive to operate and maintain but they often breakdown due to harsh weather conditions and long hours of use due to demand.

Operators and managers of these vital installations take advantage of the critical humanitarian situation to charge high levies for one to water animals and for people to get water for domestic use. This only makes an already bad humanitarian situation worse.

## **3. Description Of Beneficiaries**

ARC proposes to intervene in Taleex district, Sool region and will target three main category of beneficiaries. The migrants who have crossed from the neighboring districts or regions, the most affected in district of Taleex but have not migrated and the school children whose learning continues to be impacted negatively by drought. ARC will undertake interventions to save lives and stem further migration. ARC will target a population of 6000 with emergency distribution of safe water and household water fetching and storage containers and provision of emergency hygiene kits. Among these 3000 migrants (IDPs) and 3000 most affected host community. Therefore, 6,000 most affected beneficiaries will receive 5 litres of clean and safe water for a period of two months. 20% (406HHs) of the targeted population considered extremely vulnerable, mostly the elderly, people with disability and child headed households will get two 20 litres jerricans (812, 20 litre jerricans). ARC will undertake carcass collection and safe disposal through burning in designated areas. ARC will also give technical and material support to encourage both host and migrant communities to build temporary latrines to curb open defecation around the strategic water facilities. ARC is therefore targeting 20,000 primary beneficiaries and 20% indirect beneficiaries.

## **4. Grant Request Justification**

From the opening statements by SHF, it is clear that water for both human and animal use is the most pressing need. SHF 2017 allocation has prioritized water provision through voucher to mitigate against the extreme and severe drought in the mapped districts and regions. ARC has presence in Taleex district where it has been responding to drought related needs since April 2016. To date, ARC has rehabilitated seven bore-holes and six wells. Besides, ARC has excavated and fenced of two 6,000M<sup>3</sup> dams in the region in readiness for the anticipated rains. With funds saved from infrastructure rehabilitation and contribution from its staff, ARC was able to provide safe water to 5,000 beneficiaries for a period of 30 days in Laas Canood district in Sool region. Of the six wells rehabilitated, two are in Taleex, the most affected district in Sool and need more supports on life-saving water facilities to increase the accessibility of water. ARC is therefore well placed to undertake water provision through voucher in the districts of Taleex. To build on the what has been achieved, ARC will install Solar in the two wells to mitigate against the high cost of fuel and spare parts required to operate and maintain the two wells. Two schools with a population of 1000 pupils face closure due to lack of water despite a school feeding program run by the Ministry of education. Support to the two schools is critical in keeping the pupils in schools and stem a possible case of displacement and loss of learning time for the pupils. Drought has led to many livestock dying and leaving tons of carcasses littering areas around water points. ARC will work with community to help collect and safely dispose tons of carcasses.

## **5. Complementarity**

In Taleex, Sool, the proposed ARC WASH proposal will provide support to the on-going efforts by WASH AND ARC health teams in Sool funded by OFDA targeting the same beneficiaries in the same area. It will have a lasting impact as the OFDA funded component has already addressed capacity building of the affected community to continue operation and maintenance of the water facilities for WASH and surveillance and case detection for health related activities even after the project. ARC has already spent \$ 40,000 to rehabilitated two wells in Taleex including installation power generator, submersible pumps and elevated plastic water tanks. The use of \$23,150 in each of the two Wells will give the beneficiary communities, a stable and reliable all year source of water using low cost, environment friendly source of power.

## LOGICAL FRAMEWORK

### Overall project objective

To ensure that vulnerable men, women, girls and boys living in Taleex district -Sool region who are affected by drought have improved Water, Sanitation and Hygiene conditions through provision of emergency water distribution, upgrading and support to strategic water points ,installation of water and sanitation facilities in schools , mobilization and support to the affected to ensure sound solid waste management at households and hygiene promotion in community and schools to raise awareness and improve knowledge and practice among the targeted group.

### Water, Sanitation and Hygiene

Cluster objectives	Strategic Response Plan (SRP) objectives	Percentage of activities
Provide reliable and sustained access to sufficient safe water-based on identified strategic water points and establishment of sustainable management structures	Somalia HRP 2017	40
Provide access to safe water, sanitation and hygiene for people in emergency	Somalia HRP 2017	40
Emergency Wash Response Preparedness	Somalia HRP 2017	20

**Contribution to Cluster/Sector Objectives :** WASH Sector Objectives (SHF 2017 -Somalia) identifies three areas of focus:(i) Provide reliable and sustained access to sufficient safe water-based on identified strategic water points and establishment of sustainable management structures (ii)Provide access to safe water, sanitation and hygiene for people in emergencies (iii)Emergency Wash Response Preparedness.The activities proposed in this submissions addresses the three areas where upgrading of two wells in Taleex and installation solar power in these two strategic water points will address objective (i). Already ARC has undertaken Water user management trainings in the two wells during the rehabilitation to improve the management structures. Distribution of water through voucher, extension of water to schools, distribution water fetching containers and support to the affected community to manage waste like carcass which is associated with drought and distribution of hygiene kits to the most vulnerable among the target group sufficiently addresses objective (ii). Objective (iii) is addressed through giving support for community to dig their own latrines a number of Water, Sanitation and hygiene training including training on techniques of WASH facility embankments to protect them from flash floods and strong winds

### Outcome 1

Vulnerable men, women, girls and boys in Taleex district of Sool region affected by drought have improved and equal access to safe and reliable water.

### Output 1.1

#### Description

Targeted IDPs populations and host community most affected by drought have access to at least 5 litres/person/day of water through voucher and 7.5 liters of safe water per day for domestic use and personal hygiene among the host community

#### Assumptions & Risks

There will be no major influx from the neighboring regions, other partners will come forward to support ARC efforts. Risks of accelerated drought situation and lack of resources to meet the ever rising needs.

#### Activities

##### Activity 1.1.1

**Standard Activity : Water trucking/water Vouchers**

ARC plans to provide temporary safe water through voucher to a total of 6,000 persons (1000 HHs) in the most affected parts of Taleex that is far from the two strategic water Wells that were recently rehabilitated by ARC. The 6,000 includes approximately 3,000 people who moved in from other areas before Taleex situation degenerated into an extreme situation. ARC will target a total of 6,000 individuals worst affected by the drought for a period of two months by providing the minimal life sustaining 5 litres per person per day. Water voucher is a preferred method of delivery as it ensures transparency and accountability since every targeted family is provided with a serialized voucher clearly indicating the total amount of water entitlement per day based on the family size

ARC has experience in implementing water distribution by voucher having implemented the same in lower Juba for the last two years; the most recent one being in Afmadow water crises 2016 which ARC opted to use water voucher instead of water trucking. In December, 2016, ARC undertook a one month water distribution by voucher in Sool region with funds from OFDA.

Below is steps to before commencement and during water delivery:

- Undertake a joint rapid assessment to identify most affected families. Key partner being the local administration jointly with local authority
- Beneficiaries' identification, registration and issuing of water voucher cards
- Identify safe collection water points taking into consideration distance from the water points to the points of delivery, reliability of the collection source in terms of quality, accessibility and cost. Ensure the source has facilities to enable proper chlorination.
- Selection of water distributing vendors through competitive bidding process
- Hiring and training of water quality monitors to ensure water quality monitoring, safe water storage, and equitable water distribution.
- Chlorination of water at the source and distribution of household water treatment reagents like aqua tabs is carried out by ARC water quality team to ensure water is safe for drinking.

In the case of the planned water distribution in Taleex, water will be fetched from the two wells recently rehabilitated by ARC with elevated plastic tanks suitable for batch chlorination.

#### Activity 1.1.2

##### Standard Activity : Water point construction or rehabilitation

ARC wants to maximize on the gains from the two high yielding permanent wells in Taleex which were rehabilitated. Rehabilitation carried out under OFDA emergency response included cleaning of the well, supply and installation of 5KW submersible pump and 17kva power generator. a 10,000 litres plastic elevated tanks were installed for community use. To ensure uninterrupted access to safe water, ARC plans to complement the power generators with additional and cost effective Solar power system. The area experiences an average of 8 hours of sunshine per day. This will save the community already impoverished by drought an average of 20 litres of fuel per day( the generator runs on 2.5 litres per hour x 8 hours x \$1 per litre) \$ 20 per day. \$ 620 per month besides cost saved on service and repair of generator as it will have less running time and hence less tear and wear. Each well serves 3,000 persons per day running for the eight hours of solar @ 2.82 cubic metres per hour. 3000 persons per day @ 7.5litres per person per day on solar without fuel or repair/service costs is appropriate and good value for money. With proper care and maintenance which is minimal compared to power generators, the system comes with one year warranty and 10 to 15 years of life expectancy.

#### Activity 1.1.3

##### Standard Activity : Water point construction or rehabilitation

There are two primary schools in the area targeted: Taleex I and Taleex II with pupils' population averaging 500 per school. Taleex I is 90 metres away from the Taleex I well while Taleex II school is 210 metres away from Taleex II well. Both schools currently rely on water delivered by donkey carts and children have to disrupt learning to go and fetch water. With current drought situation, they have to queue long hours to draw water besides facing difficulties due to their tender age. Most pupils live in these schools since their parents left with their animals in search of pasture. ARC plans to extend water from each of the two wells to the two schools to alleviate the suffering of the pupils and encourage enrollment and retention. There is school feeding program in both schools but preparation of meals is many times delayed or not undertaken due to lack of water. ARC plans to install 5,000 litres plastic tanks in each school and provide tap stand where boys and girls will fetch water separately. Filling the tanks once a day will ensure each pupil have an access to 10 litres of water per day. At the rate of 2820 litres per hour of pumping, it will take less than two hours to fill the tanks. It is expected that this will improve the general hygiene of the pupils, create more learning time and attract more pupils. ARC plans a management training for school staff to ensure the facility is well managed. Design will be discussed with community members/ parents, including male and female participants. The two Wells are situated in two neighboring villages with each school in each villages. The Wells have been named Taleex I and Taleex II and schools Taleex I and Taleex II respectively for the purpose of this proposal. Coordinates and local names of the schools will be shared later.

#### Activity 1.1.4

##### Standard Activity : Hygiene item distribution (single items e.g. soap, jerrycans)

Most of the families targeted for water distribution are either IDPs uprooted from their homes by extreme drought conditions or are among the vulnerable host community not able to afford water fetching and storage containers. During migration from original homes, the containers were either lost or damaged. ARC will use pillow tanks already purchased with OFDA funds two month ago when ARC undertook water delivery in the region. For households with limited fetching capacity, ARC will purchase and distribute 20 litre jerrycans to 20% of the targeted people ( 812 jerrycans for 406 HHs of the total 2000HHs) to enable them fetch and store water at point of use. ARC will ensure that water is chlorinated is adequately treated and has 0.03mg/l of chlorine at the point of fetching, to further protect the user against post distribution contamination, treatment reagents like aqua tabs will be distributed and beneficiaries will be trained on proper use during hygiene promotion sessions under water hygiene topic. ARC will also approach UNICEF/IOM to acquire more jerrycans in-kind to meet the ever increasing needs

#### Activity 1.1.5

##### Standard Activity : Household water treatment

ARC has been undertaking chlorination of Wells in IDP camps in Kismayu for the last three years and has developed both human and resource capacity in the field. in Sool region where ARC had not established a water testing laboratory and stock of apparatus and reagents, provisions have been made in this proposal to purchase basic water testing apparatus like comparators (pool tester)s for FRC monitoring and H2S vials for field rapid testing fecal matters. For more comprehensive bacteriological analysis, ARC will use its long acquired experience and equipment Del aqua kit based in Mogadishu.

#### Indicators

Code	Cluster	Indicator	End cycle beneficiaries				End cycle
			Men	Women	Boys	Girls	Target
Indicator 1.1.1	Water, Sanitation and Hygiene	Number of people with temporary access to safe water					6,000
<b>Means of Verification</b> : Number of safe water distributed in litres and the number of beneficiaries reached.							
Indicator 1.1.2	Water, Sanitation and Hygiene	Number of people with sustained access to safe water					6,000
<b>Means of Verification</b> : Number of strategic water points upgraded, amount of water per person per day for targeted beneficiaries							
<b>Outcome 2</b>							
Vulnerable men, women, girls and boys in Taleex district - Sool region affected by drought have access to adequate basic sanitation facilities							
<b>Output 2.1</b>							
<b>Description</b>							
Targeted populations have access to adequate sanitation services (50 persons per latrine) and live in clean and sound surrounding free of sanitation and environmental sanitation related risks.							
<b>Assumptions &amp; Risks</b>							
That there is no forced eviction or relocation of IDPs and host community from targeted areas and aggravated state of dry spell and no unforeseen mass influx. The risk is aggravated drought, evictions and influx that may stretch the available resources							
<b>Activities</b>							
<b>Activity 2.1.1</b>							
<b>Standard Activity : Institutionsl Latrine construction</b>							
ARC plans to have a holistic WASH intervention in the two schools targeted in Taleex in order to achieve maximum results and realize a lasting positive behavioral change on the pupils targeted. Currently, there are only three-single hole pit latrines in Taleex I shared with seven teachers and five non teaching staff giving an average of 170 persons per latrine. The situation in Taleex II is worse with two single hole pit latrines to 500 plus pupils and 15 staff giving coverage of 258 per latrine. Most pupils seek alternative points for relief. ARC proposes to build two blocks each two stance of permanent latrines in each school. One for boys and one for girls. This will improve the latrine coverage to 73:1 in Taleex I and 86:1 in Taleex II. ARC will seek funds from other sources to improve the latrine ration to the sphere standard of 30:1 for girls and 60:1 for boys with urinal facilities. The design of these latrines have water running to ensure proper hand washing after the visit to the facility.							
<b>Activity 2.1.2</b>							
<b>Standard Activity : Latrine construction or rehabilitation</b>							
There is an increased number of people around the two strategic water points in Taleex I and Taleex II Water wells. Secondly, there four camps within the host community where more than 3000 IDPs are settled and where ARC is targeting for water distribution. ARC will mobilize the affected people in these six locations ( four IDP settlements and two strategic water points) to excavate two latrines in each site and ARC will provide technical support and construction materials like latrine slabs, plastic sheeting and ropes to enable them have latrines for both men and women in each location.							
<b>Activity 2.1.3</b>							
<b>Standard Activity : Solid Waste Management</b>							
Taleex district is undergoing severe drought and many animals have died. Carcasses are strewn all over and the stench is unbearable. ARC has received appeal from the affected community to support them in managing the tons of carcasses. ARC plans to support the collection and safe disposal of carcasses through burning. Support needed includes transportation of carcasses to a central place, fuel to accelerate the burning, safety gear for carcass handlers and milk to mitigate against the effects of handling carcasses. Seven people will be identified jointly with the community leaders and given basic training on dangerous waste (hazardous waste handling). They will be provided with adequate protective clothing like gum boots, nose masks and hand gloves and will given 0.5 litres of milk everyday. Further, they will be entitled to a small incentive of \$5 per day for their time out from their daily activities. A truck will be hired to ferry the carcasses to a designated point for burning. Fuel will be provided to ensure complete incineration of the carcasses.							
<b>Activity 2.1.4</b>							
<b>Standard Activity : Solid Waste Management</b>							
Five (5) sets of sanitation tools comprising wheel barrows, rakes, shovels will be purchased and distributed to each Hygiene and Sanitation team to ensure cleanliness of the latrines in the two schools and reduced incidences of vector, pests and rodents within the community of the targeted areas.							
<b>Activity 2.1.5</b>							
<b>Standard Activity : Capacity building (water committees and WASH training)</b>							
ARC plans to undertake Water, Sanitation and Hygiene activities in two schools. We also plan to support community among the most affected with latrines construction kits and mobilization and support to collect and safely dispose carcasses. To ensure success of these interventions, ARC will support formation and training of Hygiene and Sanitation groups in each school and at least three groups within the community. ARC has already formed and trained Water management Committee for the two water wells that were rehabilitated through OFDA drought response funds. The selection of the members will ensure gender and other interest groups are fully incorporated. ARC will strive to achieve a 50/50 male female representation with minority groups and people with disability also represented. The local administration will be trained on matter of good governance							
<b>Indicators</b>							

Code	Cluster	Indicator	End cycle beneficiaries				End cycle
			Men	Women	Boys	Girls	Target
Indicator 2.1.1	Water, Sanitation and Hygiene	Number of people with access to emergency sanitation facilities					600
<b>Means of Verification</b> : Number of communal latrines constructed and in use.							
Indicator 2.1.2	Water, Sanitation and Hygiene	Number of people assisted with access to sustainable sanitation					1,000
<b>Means of Verification</b> : Number of permanent institutional latrines constructed and in use.							
<b>Outcome 3</b>							
All target beneficiaries, men women, girls and boys have improved knowledge on Hygiene practices and practice good Hygiene							
<b>Output 3.1</b>							
<b>Description</b>							
Incidences of water related diseases are drastically reduced within the target area.							
<b>Assumptions &amp; Risks</b>							
The target group participate effectively in hygiene sessions and there is sufficient resources to provide soap and other hygiene promotion support inputs. Aggravated spell of drought, influx or relocation.							
<b>Activities</b>							
<b>Activity 3.1.1</b>							
<b>Standard Activity : Community Hygiene promotion</b>							
ARC has set itself a target of 75% (9000)of the population targeted having knowledge on at least 3 critical times of hand washing. Through house to house visits, focused group discussions, and use of IEC materials in pictorial forms, ARC will undertake promotions through the four hygiene promoters supported by selected village hygiene volunteers.ARC will also target community meeting points like water points, health facilities and markets with bill boards bearing appropriate and culturally acceptable pictorial and written messages on three main domains of hygiene promotion. Personal hygiene, food hygiene and proper excreta disposal.							
<b>Activity 3.1.2</b>							
<b>Standard Activity : Institutional based Hygiene promotion</b>							
through CHAST training, ARC will reach out to schools and to ensure an accelerated uptake of good hygiene practices. Children are normally quick to learn and are referred to as Agents of Change. They will take home and practice what they will learn in the school hygiene clubs to be formed by ARC in two targeted schools in Taleex I and II. ARC will also use IEC materials given in-kind to undertake hygiene promotion in the targeted schools through known methods like CHAST and media transmission of messages like hand washing with soap at critical times.ARC will hold hygiene related exhibition in schools to stir interest among school going children.							
<b>Activity 3.1.3</b>							
<b>Standard Activity : Capacity building (water committees and WASH training)</b>							
ARC will mobilize community through participatory,hygiene and sanitation transformation (PHAST) approach and also use the session to demonstrate proper hand washing techniques using soap or ash. ARC will also use the training to demonstrate proper use of household treatment reagents like aqua tabs.Through this training, ARC expects its project of mobilizing community to participate in the construction of latrines while getting minimal support from ARC will be achieved.Six training targeting 20-25 persons per training is planned. With a total of between 120to 150 targeted in the six months.							
<b>Activity 3.1.4</b>							
<b>Standard Activity : Hygiene kit distribution (complete kits of hygiene items)</b>							
As support to Hygiene promotion activities and to facilitate effective demonstration of good practices, ARC will target the most vulnerable families and distribute Hygiene kits.500 families (42%) of the targeted group will get full hygiene kits comprising two 20 l jerricans, bar soap of 2400 grams to last three months, 100 pcs of aqua tabs to last three months and sanitary cloth for women and girls of menstrual age.Persons to benefit are the elderly, large families with <5, child headed households, people with disability, people most recently displaced.							
<b>Indicators</b>							
Code	Cluster	Indicator	End cycle beneficiaries				End cycle
			Men	Women	Boys	Girls	Target
Indicator 3.1.1	Water, Sanitation and Hygiene	Number of people who have participated in hygiene promotion activities					9,000
<b>Means of Verification</b> : Number of sessions held and participants attendance register. KAP survey, % of the targeted community with knowledge and practice hand washing with soap at critical times							
Indicator 3.1.2	Water, Sanitation and Hygiene	Number of people who have received hygiene kits					3,000
<b>Means of Verification</b> : Hygiene kits distribution manifests. Interviews of individual beneficiaries							
<b>Additional Targets :</b>							
<b>M &amp; R</b>							
<b>Monitoring &amp; Reporting plan</b>							

ARC will use a layered approach to ensure effective monitoring at all levels using the existing M&E tool-kit. The project supervisors will collect data through the monitoring of field activities, submit data to the M&E team who will review, compile and submit it through system on monthly basis. The data will be analyzed and the results evaluated to produce reports as and when M&E Reports are due. The results will be shared with ARC Somalia senior staff, ARC headquarters program staff and where necessary, to the government and state line ministries and other appropriate stakeholders. ARC Somalia senior staff will decide on whether changes to the existing design may be necessary and consult with the relevant persons on the best way forward.

ARC anticipates encountering limitations in data collection and comprehensive application of assessment methodologies which may limit the scope of analysis possible, due to the challenges of conducting M&E exercises in remote project locations like Taleex. Insecurity and access issues represent a key constraint to conducting exercises, while a low level of literacy and culturally taboo topics may hinder data quality. However, ARC has in place a variety of M&E tools, including outcome tracking tools, analysis processes, and competency-based checklists that can be used to assess program activities in challenging humanitarian contexts. ARC has established strong relationships with local authorities and local communities that allow access into otherwise insecure areas. Key indicators will be determined through SHF set standard r sub-sector indicator lists as well as ARC's global M&E results framework to measure performance.

ARC WASH Coordinator and the Senior Grants Manager, will review monthly reports to ensure that activities are proceeding on schedule and that targets are being met. This approach will gather the appropriate amount of information at each level while engaging all program staff in a common effort to meet clearly articulated targets. Narrative and financial reports will be submitted to SHF as per schedule. Oversight and quality control will be undertaken through regular and routine field monitoring visits by the M&E Manager as well as WASH senior staff.

Workplan													
Activitydescription	Year	1	2	3	4	5	6	7	8	9	10	11	12
<p>Activity 1.1.1: ARC plans to provide temporary safe water through voucher to a total of 6,000 persons (1000 HHHs) in the most affected parts of Taleex that is far from the two strategic water Wells that were recently rehabilitated by ARC. The 6,000 includes approximately 3,000 people who moved in from other areas before Taleex situation degenerated into an extreme situation. ARC will target a total of 6,000 individuals worst affected by the drought for a period of two months by providing the minimal life sustaining 5 litres per person per day. Water voucher is a preferred method of delivery as it ensures transparency and accountability since every targeted family is provided with a serialized voucher clearly indicating the total amount of water entitlement per day based on the family size</p> <p>ARC has experience in implementing water distribution by voucher having implemented the same in lower Juba for the last two years; the most recent one being in Afmadow water crises 2016 which ARC opted to use water voucher instead of water trucking. In December, 2016, ARC undertook a one month water distribution by voucher in Sool region with funds from OFDA.</p> <p>Below is steps to before commencement and during water delivery:</p> <ul style="list-style-type: none"> <li>• Undertake a joint rapid assessment to identify most affected families. Key partner being the local administration jointly with local authority</li> <li>• Beneficiaries' identification, registration and issuing of water voucher cards</li> <li>• Identify safe collection water points taking into consideration distance from the water points to the points of delivery, reliability of the collection source in terms of quality, accessibility and cost. Ensure the source has facilities to enable proper chlorination.</li> <li>• Selection of water distributing vendors through competitive bidding process</li> <li>• Hiring and training of water quality monitors to ensure water quality monitoring, safe water storage, and equitable water distribution.</li> <li>• Chlorination of water at the source and distribution of household water treatment reagents like aqua tabs is carried out by ARC water quality team to ensure water is safe for drinking.</li> </ul> <p>In the case of the planned water distribution in Taleex, water will be fetched from the two wells recently rehabilitated by ARC with elevated plastic tanks suitable for batch chlorination.</p>	2017				X	X							
<p>Activity 1.1.2: ARC wants to maximize on the gains from the two high yielding permanent wells in Taleex which were rehabilitated. Rehabilitation carried out under OFDA emergency response included cleaning of the well, supply and installation of 5KW submersible pump and 17kva power generator. a 10,000 litres plastic elevated tanks were installed for community use. To ensure uninterrupted access to safe water, ARC plans to complement the power generators with additional and cost effective Solar power system. The area experiences an average of 8 hours of sunshine per day. This will save the community already impoverished by drought an average of 20 litres of fuel per day( the generator runs on 2.5 litres per hour x 8 hours x \$1 per litre) \$ 20 per day. \$ 620 per month besides cost saved on service and repair of generator as it will have less running time and hence less tear and wear. Each well serves 3,000 persons per day running for the eight hours of solar @ 2.82 cubic metres per hour. 3000 persons per day @ 7.5litres per person per day on solar without fuel or repair/service costs is appropriate and good value for money. With proper care and maintenance which is minimal compared to power generators, the system comes with one year warranty and 10 to 15 years of life expectancy.</p>	2017				X	X	X						



<p>Activity 1.1.3: There are two primary schools in the area targeted: Taleex I and Taleex II with pupils' population averaging 500 per school. Taleex I is 90 metres away from the Taleex I well while Taleex II school is 210 metres away from Taleex II well. Both schools currently rely on water delivered by donkey carts and children have to disrupt learning to go and fetch water. With current drought situation, they have to queue long hours to draw water besides facing difficulties due to their tender age. Most pupils live in these schools since their parents left with their animals in search of pasture. ARC plans to extend water from each of the two wells to the two schools to alleviate the suffering of the pupils and encourage enrollment and retention. There is school feeding program in both schools but preparation of meals is many times delayed or not undertaken due to lack of water. ARC plans to install 5,000 litres plastic tanks in each school and provide tap stand where boys and girls will fetch water separately. Filling the tanks once a day will ensure each pupil have an access to 10 litres of water per day. At the rate of 2820 litres per hour of pumping, it will take less than two hours to fill the tanks. It is expected that this will improve the general hygiene of the pupils, create more learning time and attract more pupils. ARC plans a management training for school staff to ensure the facility is well managed. Design will be discussed with community members/ parents, including male and female participants. The two Wells are situated in two neighboring villages with each school in each villages. The Wells have been named Taleex I and Taleex II and schools Taleex I and Taleex II respectively for the purpose of this proposal. Coordinates and local names of the schools will be shared later.</p>	2017				X	X	X						
<p>Activity 1.1.4: Most of the families targeted for water distribution are either IDPs uprooted from their homes by extreme drought conditions or are among the vulnerable host community not able to afford water fetching and storage containers. During migration from original homes, the containers were either lost or damaged. ARC will use pillow tanks already purchased with OFDA funds two months ago when ARC undertook water delivery in the region. For households with limited fetching capacity, ARC will purchase and distribute 20 litre jerricans to 20% of the targeted people ( 812 jerricans for 406 HHs of the total 2000HHs) to enable them fetch and store water at point of use. ARC will ensure that water is chlorinated adequately treated and has 0.03mg/l of chlorine at the point of fetching, to further protect the user against post distribution contamination, treatment reagents like aqua tabs will be distributed and beneficiaries will be trained on proper use during hygiene promotion sessions under water hygiene topic. ARC will also approach UNICEF/IOM to acquire more jerricans in-kind to meet the ever increasing needs</p>	2017				X	X							
<p>Activity 1.1.5: ARC has been undertaking chlorination of Wells in IDP camps in Kismayu for the last three years and has developed both human and resource capacity in the field. In Sool region where ARC had not established a water testing laboratory and stock of apparatus and reagents, provisions have been made in this proposal to purchase basic water testing apparatus like comparators (pool tester)s for FRC monitoring and H2S vials for field rapid testing fecal matters. For more comprehensive bacteriological analysis, ARC will use its long acquired experience and equipment Del aqua kit based in Mogadishu.</p>	2017			X	X	X	X	X					
<p>Activity 2.1.1: ARC plans to have a holistic WASH intervention in the two schools targeted in Taleex in order to achieve maximum results and realize a lasting positive behavioral change on the pupils targeted. Currently, there are only three-single hole pit latrines in Taleex I shared with seven teachers and five non teaching staff giving an average of 170 persons per latrine. The situation in Taleex II is worse with two single hole pit latrines to 500 plus pupils and 15 staff giving coverage of 258 per latrine. Most pupils seek alternative points for relief. ARC proposes to build two blocks each two stance of permanent latrines in each school. One for boys and one for girls. This will improve the latrine coverage to 73:1 in Taleex I and 86:1 in Taleex II. ARC will seek funds from other sources to improve the latrine ration to the sphere standard of 30:1 for girls and 60:1 for boys with urinal facilities. The design of these latrines have water running to ensure proper hand washing after the visit to the facility.</p>	2017				X	X							
<p>Activity 2.1.2: There is an increased number of people around the two strategic water points in Taleex I and Taleex II Water wells. Secondly, there four camps within the host community where more than 3000 IDPs are settled and where ARC is targeting for water distribution. ARC will mobilize the affected people in these six locations ( four IDP settlements and two strategic water points) to excavate two latrines in each site and ARC will provide technical support and construction materials like latrine slabs, plastic sheeting and ropes to enable them have latrines for both men and women in each location.</p>	2017				X	X	X						

Activity 2.1.3: Taleex district is undergoing severe drought and many animals have died. Carcasses are strewn all over and the stench is unbearable. ARC has received appeal from the affected community to support them in managing the tons of carcasses. ARC plans to support the collection and safe disposal of carcasses through burning. Support needed includes transportation of carcasses to a central place, fuel to accelerate the burning, safety gear for carcass handlers and milk to mitigate against the effects of handling carcasses. Seven people will be identified jointly with the community leaders and given basic training on dangerous waste (hazardous waste handling). They will be provided with adequate protective clothing like gum boots, nose masks and hand gloves and will given 0.5 litres of milk everyday. Further, they will be entitled to a small incentive of \$5 per day for their time out from their daily activities. A truck will be hired to ferry the carcasses to a designated point for burning. Fuel will be provided to ensure complete incineration of the carcasses.	2017					X	X		X				
Activity 2.1.4: Five (5) sets of sanitation tools comprising wheel barrows, rakes, shovels will be purchased and distributed to each Hygiene and Sanitation team to ensure cleanliness of the latrines in the two schools and reduced incidences of vector, pests and rodents within the community of the targeted areas.	2017					X							
Activity 2.1.5: ARC plans to undertake Water, Sanitation and Hygiene activities in two schools. We also plan to support community among the most affected with latrines construction kits and mobilization and support to collect and safely dispose carcasses. To ensure success of these interventions, ARC will support formation and training of Hygiene and Sanitation groups in each school and at least three groups within the community. ARC has already formed and trained Water management Committee for the two water wells that were rehabilitated through OFDA drought response funds. The selection of the members will ensure gender and other interest groups are fully incorporated. ARC will strive to achieve a 50/50 male female representation with minority groups and people with disability also represented. The local administration will be trained on matter of good governance	2017					X	X						
Activity 3.1.1: ARC has set itself a target of 75% (9000) of the population targeted having knowledge on at least 3 critical times of hand washing. Through house to house visits, focused group discussions, and use of IEC materials in pictorial forms, ARC will undertake promotions through the four hygiene promoters supported by selected village hygiene volunteers. ARC will also target community meeting points like water points, health facilities and markets with bill boards bearing appropriate and culturally acceptable pictorial and written messages on three main domains of hygiene promotion. Personal hygiene, food hygiene and proper excreta disposal.	2017					X	X	X	X	X			
Activity 3.1.2: through CHAST training, ARC will reach out to schools and to ensure an accelerated uptake of good hygiene practices. Children are normally quick to learn and are referred to as Agents of Change. They will take home and practice what they will learn in the school hygiene clubs to be formed by ARC in two targeted schools in Taleex I and II. ARC will also use IEC materials given in-kind to undertake hygiene promotion in the targeted schools through known methods like CHAST and media transmission of messages like hand washing with soap at critical times. ARC will hold hygiene related exhibition in schools to stir interest among school going children.	2017					X	X	X	X	X			
Activity 3.1.3: ARC will mobilize community through participatory, hygiene and sanitation transformation (PHAST) approach and also use the session to demonstrate proper hand washing techniques using soap or ash. ARC will also use the training to demonstrate proper use of household treatment reagents like aqua tabs. Through this training, ARC expects its project of mobilizing community to participate in the construction of latrines while getting minimal support from ARC will be achieved. Six training targeting 20-25 persons per training is planned. With a total of between 120 to 150 targeted in the six months.	2017					X	X	X	X	X			
Activity 3.1.4: As support to Hygiene promotion activities and to facilitate effective demonstration of good practices, ARC will target the most vulnerable families and distribute Hygiene kits. 500 families (42%) of the targeted group will get full hygiene kits comprising two 20 l jerricans, bar soap of 2400 grams to last three months, 100 pcs of aqua tabs to last three months and sanitary cloth for women and girls of menstrual age. Persons to benefit are the elderly, large families with <5, child headed households, people with disability, people most recently displaced.	2017					X	X						

#### OTHER INFO

##### Accountability to Affected Populations

ARC will ensure accountability by working with all respective stakeholders starting with the affected persons, the WASH, Protection and Health Cluster Coordination team at local and national level and the relevant Government Ministries. Hygiene kits beneficiaries and beneficiaries of sanitation assets like latrines, sanitation tools, will be identified jointly with IDP and host community leaders. In line with ARC principles, the implementation will be anchored on beneficiary buy-in and ownership mechanisms accountable to the beneficiary, the donor, other fellow implementing partners and the local administration. This will help identify and assign roles and responsibilities at local community level.

This proposal is designed to allow ARC undertake a number of actions which ensure the beneficiary and the donor/stakeholders get detailed and accurate information relevant to the project.

ARC has a team of technical and administrative managers and officers at various levels with one Liaison Officer dedicated to ensuring ARC is represented in all Government, NGO and Cluster meetings for coordination purposes. At the field level, ARC maintains a strong team of technical staff led by a field Engineer in Sool while WASH Manager is based in Hargeisa with frequent travel to the field.

## **Implementation Plan**

ARC will adhere to the implementation and M&E plan as submitted in the proposal. Before commencing the implementation, a stakeholder meeting will be called to form stakeholder feedback and grievance reporting committee. ARC is currently the only International NGO working in Taleex. More partners are likely to come on board undertaking more or less similar activities within the same region if not same district. Coordination among implementation partners will be encouraged to map out the beneficiaries targeted by each IP and to some extent and where possible, a harmonized implementation plan may be developed so that there is synergy and complementarity of the different projects. ARC, as the Lower Juba WASH Cluster focal point is well placed to lead this process. ARC has a fully staffed and functional office in Laas Canood from where they undertake project activities in Taleex, Xudun, Aynabo and other locations and districts within Sool. Having established office in Laas Canood since April 2016 to respond to drought through WASH and Health interventions, ARC has developed useful network with local community that will facilitate immediate take-off of the planned activities

## **Coordination with other Organizations in project area**

<b>Name of the organization</b>	<b>Areas/activities of collaboration and rationale</b>
IOM and UNICEF	IOM and UNICEF are the UN Agencies that will receive the WASH CERF funds. ARC will coordinate with IOM and UNICEF to ensure that there are no overlaps and all for ease of access to the supplies to support Hygiene and Sanitation activities planned by ARC.
National and regional WASH Clusters	Close coordination and information sharing with the Cluster coordination team will be strictly observed.
Ministry of Water	ARC will continue to engage with Ministry official both at regional and national level to ensure support from Government.

## **Environment Marker Of The Project**

A+: Neutral Impact on environment with mitigation or enhancement

## **Gender Marker Of The Project**

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

## **Justify Chosen Gender Marker Code**

.ARC is committed to the Guidelines for Gender-based violence Interventions in Humanitarian Settings set by the Inter-Agency Standing Committee in 2005.  
Through its WASH technical designs, ARC strives to reduce the risks from exposure to Gender Based Violence (GBV), create safe and friendly environments for women and children and to make the facilities accessible to individuals with special needs. Illustrative actions ARC takes to ensure protection and gender are mainstreamed in WASH programming include:  
\*Positioning of water points at the sites that are easily accessible (under 500 m from shelters) and highly visible to reduce incidence of GBV and other forms of violence  
\*Sufficient number of water taps/ hand pumps to minimize waiting time at the water points and reduce the risk of violence, ensuring participation of men and women in design of the WASH facilities through committee work in order to ensure privacy and dignified use of facilities by women  
\*Sensitivity to the particular needs of children in designing WASH facilities and hygiene promotion activities at schools and other public places (using the CHAST methodology).  
\*WUCs and training modules will include representation and participation from local women's committees. Since the civil war ended, women have become leaders of peace processes and this project will seek to build upon this experience  
\*The planned water extension to schools and institutional latrines planned for schools will ensure separate blocks for girls and boys and in the water points, girls will have there separate fetching points.  
Furthermore, ARC ensures a consultative process targeting women, the minority groups distributing NFIs including hygiene kits.

## **Protection Mainstreaming**

ARC adheres to the principles of 'Do No Harm', minimizing the harm caused by its presence in communities affected by conflict. For instance, ARC incorporates a sustainable exit strategy into its programming. Furthermore, the Rights-based approach is applied, taking into consideration the needs of ethnic minorities, women, elderly, and people living with disabilities. As such, the locations of the WASH installations are chosen strategically in order to reduce gender based and other forms of violence. ARC works closely with its Protection sector colleagues within ARC not only at facility design stage but during implementation process.

## **Country Specific Information**

### **Safety and Security**

ARC is already present in the proposed area of intervention. With staff and institutional infrastructure in place. However, ARC project success may be impacted negatively by the following external constraints:  
Deteriorating security situation - In order to overcome the security risks that may arise, ARC will work closely with United Nations Department of Security and Safety (UNDSS), Somali National Security Agency (SNSA), and the clan elders  
Dramatic fluctuations of the population figures in the AOR – ARC will focus on meeting the Sphere standards for the already identified people most affected by Cholera/AWDs target, while seeking funding for additional caseloads.  
Instability of prices and availability of the needed resources on the local market – ARC will undertake competitive and wide sourcing of construction materials to ensure efficient utilization of available funds.  
Lack of acceptance by the local leaders of the participatory approach for the beneficiary selection process – ARC will undertake initial dialogue to ensure understanding and acceptance of planned programming.  
Lack of access for monitoring purposes – ARC will have in its employment staff from the local community who will have access, even during challenging situations.

### **Access**

ARC has full access to the proposed project area. It is already implementing projects there. Due to the changing security situation in Sool, ARC will work with the Local Administration and UN Agency in charge of security UNDSS to ensure that access to the project area is maintained.

#### BUDGET

Code	Budget Line Description	D / S	Quantity	Unit cost	Duration Recurrence	% charged to CHF	Total Cost
<b>Staff and Other Personnel Costs</b>							
1.1	Country Director	D	1	13,800.00	6	10.00	8,280.00
	<p><i>The Country Director provides overall leadership and management to ARC's Somalia program and is responsible for the final budgetary oversight. The rate represents his/her current salary, which is consistent with the NGO personnel policies and the rate set for this position.</i>  <i>Breakdown: \$13,800 * 6 months * 10% = \$ \$8220</i></p>						
1.2	WASH Coordinator	D	1	7,500.00	6	30.00	13,500.00
	<p><i>This position provides technical oversight, support and expertise for all WASH activities, including WASH infrastructure projects. He is expected to devote considerable time to ensure timely and quality delivery of the objective/s of this program. The rate represents his/her current salary, which is consistent with the NGO personnel policies and the rate set for this position.</i>  <i>Breakdown: \$7,500 * 6 months * 30% = \$13,500</i></p>						
1.3	WASH Manager-	D	1	2,500.00	6	30.00	4,500.00
	<p><i>This position reports to the WASH Coordinator and is assigned to address water and sanitation infrastructure development needs, including design and implementation of trainings, installation of equipment, and construction of WASH stands. This manager will be in charge of the technical aspect of implementation and development of water and sanitation facilities in Taleex. He/she is based in Hargeisa with frequent travel to the field. He is the direct supervisor of WASH Officer, Sanitation technician.</i>  <i>Breakdown: \$2,500 * 6 months * 30% = \$4,500</i>   <i>Breakdown: \$2,500 * 6 months * 30% = \$4,500</i></p>						
1.4	WASH Officer	D	1	1,500.00	6	30.00	2,700.00
	<p><i>This position reports to the WASH Manager and is assigned to address water and sanitation infrastructure development needs including rehabilitation of wells and boreholes, design and implementation of trainings, installation of equipment, and construction of WASH stands. This officer will be in charge of the technical aspect of implementation and development of water and sanitation facilities in Afmadow.</i>  <i>Breakdown: \$1,500 * 6months * 30% = \$2700</i></p>						
1.5	Hygiene Promoters (4 at 100%)	D	4	600.00	6	100.00	14,400.00
	<p><i>These positions are in charge of direct implementation of awareness raising and information campaigns that promote safe hygiene practices and hygienic lifestyles. The four Hygiene Promoters will be based in Taleex and will work directly with the beneficiaries. In this proposal, the hygiene promoters will have the following tasks: They will undertake hygiene promotion in community, conducting focused group discussions –FGDs and house to house visits, they will in identification of beneficiaries of Jerrican and complete hygiene kits, will lead the PHAST and CHAST trainings. They will work with water quality monitors to ensure safe delivery of water.</i>  <i>ARC will ensure equal gender distribution (two male and two female) of Hygiene Promoters.</i>  <i>Breakdown: \$600 * 6 months * 4 staff * 100% = \$14,400</i></p>						
1.6	Sanitation technician	D	1	700.00	6	100.00	4,200.00
	<p><i>This position will undertake supervision of school latrines construction. Mobilization and formation of Hygiene and sanitation committees, distribution of latrines construction kits, mobilization and supervision of safe collection and disposal of carcasses.</i>  <i>Breakdown: \$700 * 6 months * 1 staff * 100% = \$4,200</i></p>						
1.7	Water Quality Monitors	D	4	400.00	6	100.00	9,600.00
	<p><i>Water Quality Monitors will be based in Taleex. This position work under Water Officer in their respective field offices while under the overall technical guidance of the Water Officer. The position is tasked with daily water quality monitoring in water sources/water points, including chlorination of water points and FRC testing and monitoring. He/she will participate in household water treatment reagents distribution and monitoring of use at households. Water quality monitors will ensure water delivered through voucher meets the set standards of being chlorinated with FRC level not less than 0.3mg/l at fetching point.</i>  <i>Breakdown: \$400* 6months * 4 staff * 100% = \$9,600</i></p>						
1.8	Finance Officer	D	1	1,500.00	6	30.00	2,700.00

	<i>Finance Officer (1 at 30%) – This position is responsible for day to day finance activities, supporting the Finance Manager, and assisting the ARC team in appropriate ways, preparing and making payments to vendors and prepare staff payrolls. The rate represents his/her current salary, which is consistent with the NGO personnel policies and the rate set for this position. Breakdown: \$1,500 *6 months * 30% = \$2,700</i>							
1.9	Procurement/Logistics Officer	D	1	1,500.00	6	30.00		2,700.00
	<i>Procurement Officer (1 at 30%) – This position is responsible for all administrative, logistics and procurement duties with respect to coordination of movement of staff and supplies, and receipt and safe storage of materials and equipments. The rate represents his/her current salary, which is consistent with the NGO personnel policies and the rate set for this position. Breakdown: \$1,500 * 6 months * 30% = \$2700</i>							
	<b>Section Total</b>							<b>62,580.00</b>
<b>Supplies, Commodities, Materials</b>								
2.1	Distribution of safe water	D	1800000	0.02	1	100.00		36,000.00
	<i>ARC plans to provide temporary safe water through voucher to a total of 6,000 persons (1000 HHS) in the most drought affected areas within Taleex district in Sool. In Somalia, a household is averaged at 6 persons. As shown in the BOQ, 6000 persons will get 5 litres per day for 60 days. A litre of water delivered through trucking costs \$0.02 Therefore 6000x5x60x0.02=\$36,000</i>							
2.2	Upgrading of two wells in Taleex to Solar/generator power	D	2	22,775.00	1	100.00		45,550.00
	<i>ARC requires \$ 21650 for upgrading each of the two wells from diesel driven engine to solar power. Out of the total sum, \$23,150, \$ 10,400 (45%) will go to purchase the 40 solar panels which are the main component that harnesses power. \$4950 will be used to purchase the pump and associated control units. The rest will meet the cost of installation and other support items. See BOQ</i>							
2.3	Extension of Water to Taleex I school	D	1	5,250.00	1	100.00		5,250.00
	<i>ARC requires \$ 1950 to extend water from Taleex I bore-hole to Taleex I school (Omer Ciise Primary school). The cost is for purchase of 15 2" PVC class C pipes to run the 90 metre length. Also included in the cost is trenching and pipe laying for the 90 metres. Another \$3300 is required to purchase and install a 5000 litres plastic tank including concrete tap stands with four stainless steel push taps. A total of \$5250 is requested. See BOQ</i>							
2.4	Extension of water to Taleex II	D	1	7,850.00	1	100.00		7,850.00
	<i>ARC requires \$ 4550 to extend water from Taleex II bore-hole to Taleex II School (Shaafici Primary school). The cost is for purchase of 35 2" PVC class C pipes to run the 210 metre length. Also included in the cost is trenching and pipe laying for the 210 metres. Another \$3300 is required to purchase and install a 5000 litres plastic tank including concrete tap stands with four stainless steel push taps. A total of \$7850 is requested. See BOQ</i>							
2.5	Purchase and distribution of water containers	D	936	6.00	1	100.00		5,616.00
	<i>ARC will use the six (6) each 9000 litres pillow tanks purchased in the previous water trucking exercise for use at central collection points. As for beneficiaries that lack household water fetching and storage containers, ARC plans to purchase 936 (20 litre jerricans) and distribute to 468 families with each family getting two jerricans as per sphere and WASH Somalia recommendations. This is 47% of the number of families targeted for water distribution. This is projected to cost \$4872</i>							
2.6	chlorination and water testing	D	1	3,000.00	1	100.00		3,000.00
	<i>ARC has budgeted \$3000 for apparatus and water testing reagents like comparators –pooltester and DPD tablets for use in Sool region where ARC had not established a water testing laboratory and stock of apparatus and reagents. see BOQ</i>							
2.7	Construction of institutional latrines in two schools	D	4	2,895.00	1	100.00		11,580.00
	<i>ARC is requesting \$ 11,580 to build four permanent latrine blocks in the two schools where it will be extending water. Each block of two stance (drop hole) complete with water tank and hand wash facility will cost \$ 2895. See BOQ</i>							
2.8	Support community with kits to build own latrines	D	12	200.00	1	100.00		2,400.00
	<i>ARC is requesting \$ 2400 to support construction of 12 communal latrines in six areas where most affected families have settled. The \$200 per latrine will be used to purchase latrine slab, plastic sheet and rope for tying the sheets. See BOQ</i>							
2.9	Clean up camapaigns and Carcass collection	D	1	4,690.00	1	100.00		4,690.00
	<i>. ARC plans to support the collection and safe disposal of carcasses through burning. Support needed includes hire of truck to transport carcasses to a central place, fuel to accelerate the burning, safety gear for carcass handlers and milk to mitigate against the effects of handling carcasses. Provision of safety gear and milk is a requirement stated in the sphere standard book and the Global WASH best practices book. A total of \$4690 is requested for this activity. As an incentive to the handlers, ARC will pay \$5 per day for each day worked to the 7 handlers. The total incentive per handler for the 45 days will be \$225.</i>							
2.10	Saniation tools	D	5	280.00	1	100.00		1,400.00
	<i>Five (5) sets of sanitation tools comprising wheel barrows, rakes, shovels will be purchased and distributed to each Hygiene and Sanitation team ensure cleanliness of the latrines in the two schools and reduced incidences of vector, pests and rodents within the community of the targeted areas. See BOQ for one set.</i>							
2.11	Formation and training of committees	D	5	500.00	1	100.00		2,500.00

	<i>To ensure success and sustainability of interventions being undertaken, ARC will support formation and training of Hygiene and Sanitation groups in each school and at least three groups within the community. ARC has already formed and trained Water management Committee for the two water wells that were rehabilitated through OFDA drought response funds. \$2500 is required to form and train the five groups @ \$500 per training see BOQ.</i>						
2.12	Hygiene promotion in community	D	30	100.0 0	1	100.00	3,000.00
	<i>ARC has set itself a target of 75% of the population targeted having knowledge on at least 3 critical times of hand washing. To achieve this, ARC plans 30 promotional sessions mainly focused group discussions (FGDs). ARC is requesting \$ 3,000 to conduct 30 sessions. Each session of approximately 25 participants will cost \$100. USD 50 is for 25 bottles of 500ml drinking water for participants @ \$2 and the other \$50 is for 25 pieces of 800grams of bar soap as a take home for participants to practice hand washing with soap.</i>						
2.13	CHAST- Hand washing training in school	D	14	200.0 0	1	100.00	2,800.00
	<i>ARC will require \$2800 to conduct 14 child hygiene and sanitation transformation (CHAST) training in the two targeted schools. Each session will cost \$200 used for snacks during tea break and purchase of training materials like clay molds and painting inputs. See BOQ</i>						
2.14	PHAST- Hand washing training	D	6	500.0 0	1	100.00	3,000.00
	<i>ARC will mobilize community through participatory, hygiene and sanitation transformation approach and also use the session to demonstrate proper hand washing techniques using soap or ash. \$3000 is requested to conduct 6 training. Each training targeting 20 participants will require \$500 to provide snacks during tea break, lunch and purchase training material including training venue hire.</i>						
2.15	Purchase and distribution of Hygiene kits	D	500	25.00	1	100.00	12,500.00
	<i>As support to Hygiene promotion activities and to facilitate effective demonstration of good practices, ARC will target 500 HHs among the most vulnerable families and distribute complete set of hygiene kits. Each kit costs \$25. A total \$12,500 is requested for the purchase.</i>						
2.16	Vehicle rental	D	1	2,100 .00	6	100.00	12,600.00
	<i>One vehicle @ \$ 2100 per month for 6 months to facilitate movement of program and support staff to the field to carry out the planned activities.</i>						
	<b>Section Total</b>						<b>159,736.00</b>
<b>Travel</b>							
5.1	Travel and perdiem	D	4	1,245 .00	1	100.00	4,980.00
	<i>Both technical and Finance teams will make a visit to the project area for technical and financial oversight. The WASH Coordinator will make three trips each lasting 15 days (45 days) while the finance team will make one trip lasting 15 days. Each trip will cost \$ 1245 where \$600 will be for the air ticket while \$645 will be perdiem at the rate of \$43 per days. See BOQ on details of travel and perdiem</i>						
	<b>Section Total</b>						<b>4,980.00</b>
<b>General Operating and Other Direct Costs</b>							
7.1	Communication	S	1	2,400 .00	6	8.00	1,152.00
	<i>Communication cost including internet,airtime,satellite -Sool see BOQ</i>						
7.2	Office rent	S	1	5,700 .00	6	10.00	3,420.00
	<i>Office rent for Laas Cannood</i>						
7.3	Utilities	S	1	2,162 .50	6	8.00	1,038.00
	<i>Water, electricity, generator for Laas Canood office</i>						
7.4	Stationery office	S	1	406.0 0	6	30.00	730.80

	<i>note books, pens, photocaopy papers, see BOQ</i>			
	<b>Section Total</b>			<b>6,340.80</b>
<b>SubTotal</b>		1,801,542.00		<b>233,636.80</b>
Direct				227,296.00
Support				6,340.80
<b>PSC Cost</b>				
PSC Cost Percent				7.00
PSC Amount				16,354.58
<b>Total Cost</b>				<b>249,991.38</b>

Project Locations							
Location	Estimated percentage of budget for each location	Estimated number of beneficiaries for each location					Activity Name
		Men	Women	Boys	Girls	Total	
Sool -> Taleex -> Taleex	100	3,234	3,366	2,780	2,620	12,000	

Documents	
Category Name	Document Description
Project Supporting Documents	appreciation letters and certificate thanksgiving.pdf
Project Supporting Documents	Abdille Birole Rapid Field Visit Report (Final).doc
Project Supporting Documents	160725 Afmadow Mission Report Final.pdf
Project Supporting Documents	FSNAU-FEWSNET-Technical-Release-February-2017.pdf
Budget Documents	BOQs.XLS
Budget Documents	BOQ REVISED 06022017.XLS
Budget Documents	ARC- WASH Boqs HFU comments.xls
Budget Documents	ARC- WASH Boqs HFU comments.xls and ARC response and revisions 07022017.xls
Budget Documents	Technical detals of PS4000C-SJ8-15-D.pdf
Budget Documents	ARC- WASH BOQ - 2 HFU comments.xls
Budget Documents	Copy of ARC- WASH BOQ - 2 HFU comments.xls with Shadrack 08.xls
Budget Documents	ARC- WASH BOQ - Final.xls
Grant Agreement	HC signed GA for ARC 4691.pdf
Grant Agreement	HC and IP GA 4691 ARC fully signed v2.pdf