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Operations Update Zambia: Floods in Namwala and Ndola districts

 International Federation
of Red Cross and Red Crescent Societies

DREF n° MDRZM015	GLIDE n° FL-2022-000135-ZMB
Operation update n° 01	Timeframe covered by this update: from 28 January 2022 to 27 February 2022
Operation start date: 27 January 2022	Operation timeframe: 04 months and end date 31 May 2022
Funding requirements (CHF): 0	DREF amount initially allocated: CHF 373,157
N° of people being assisted: 21,864 people (3644 Households) Namwala districts & Ndola districts	
Red Cross Red Crescent Movement partners currently actively involved in the operation: Zambia Red Cross Society (ZRCS) has+ 60 members of staff, 55 Branches, 6,000 active volunteers, 46 National Disaster Response Teams (NDRTs) and 30 Branch Disaster Response Teams (BDRTs). IFRC (International Federation of Red Cross) and the Netherlands Red Cross	
Other partner organizations actively involved in the operation: Disaster Management and Mitigation Unit (DMMU),	

Summary of major revisions made to emergency plan of action:

This operations update is to revise the targeting, the budget and the area of intervention by including another district (Ndola district) based on Zambia Red Cross Society (ZRCS) assessment. The main changes are as below:

- Targeting is changing in Namwala: for shelter construction and Essential Household Items (EHIs) distribution (mosquito nets, blankets, sleeping mats) target revised from 500 Households (HH) to 492 (HH) except for Wash; target for WASH items is maintained to 3,219 HH including hygiene promotion. Reduction in the need for EHIs and shelter is mainly due to other actor's support in Namwala, and saving will support community's construction in Ndola.
- Ndola district added to target area with a general target of **2,550 people, 425 HH** to receive WASH and Health sensitization with this DREF. For shelter the target will be the most vulnerable displaced Households (148 HH) when all the other sectors (WASH, health will target all the 2,550 people with the same activities planned in the EPoA. EHI distribution will be made mostly with unused stock from Namwala initial distribution.
- Distribution of dignity kits remains 3 months for 432 women in Namawla and 113 women in Ndola with some additional 6 kits to be procured to cover the gap.
- Tabulated the changes in the activities and identified where they could be allocated in a new District Ndola.

The total budget and allocation remain unchanged as costs savings on surge cancelation will be used to extend the assistance to Ndolo district where additional needs have been identified and to include. The NS has however added some new activities such as

- Construction of temporal community kitchens shelter to respond to the needs, to improve cooking facilities for displaced population. A total of 7 communal temporal kitchen construction is included in this revision. 5 in Namwala and 2 in Ndolo.
- Provision and maintenance of 10 temporal latrines and bathrooms in Ndola using tarpaulins and poles.
- Procurement of additional 13 handwashing for a total of 19 needed in the 2 localities: 2 in Ndola and 17 in Namwala.
- Local radio message diffusion to reinforce sensitization campaign when initially awareness was initially planned to be conducted by volunteers
- Mobilization of 15 volunteers to provide assistance in Ndola.

There is no additional funding request and no time extension request to assist **21,864 people for a 4 months' time frame.**

A. SITUATION ANALYSIS

Description of the disaster

Most parts of Zambia started receiving heavy rains on 11 January 2022. On the 16 January 2022, Kalomo, Namwala and Choma districts of the Southern Province started experiencing flash floods. Furthermore, the region has continued to receive the high rainfall due to tropical storm (ANA). According to the needs assessment report issued by the Zambian government through Disaster Management and Mitigation Unit (DMMU) (17 January 2022) followed by another assessment conducted by Zambia Red Cross showing that Namwala district has recorded the highest number of households affected with 3,219. The report also indicated that 8,000 Hectares of field crops have been submerged by water, as well as houses and sanitation facilities. In addition, livestock such as chickens and goats have also been swept away. Initially, 500 HH were displaced, then following the tropical cyclone ANA the number to increase to 600 HH in Namwala district. The displaced HH are being accommodated in 4 camps set up by the government through the DMMU where DMMU provided tents and ZRCS provided tarpaulins to cover for their shelter needs. The immediate needs remain access to safe and clean water, hygiene and sanitation, food, Non-Food Items, shelter, and protection.

A total of 4 communities in Namwala have been affected: Nakamboma, Mbeza, Chitongo and Mandondo. To date, one camp namely Chilumono in Mandondo ward can only be accessible by air or oxcarts. And the remaining 3 wards can be accessed by road transport. ZRCS and DMMU are collaborating with Zambia Air Force (ZAF) to reach out to the ward that can only be accessed by air or oxcart. The country continued to experience flash floods which affected 425 HH and displaced 148 HH in Ndola district of copper belt province.

The continuous high rainfall continued causing flooding in other districts. In Kalomo District, approximately sixty (60) households were affected and had their crop fields and sanitation facilities submerged in water. No displacements have been reported. Choma district recorded 500 households having been affected. Infrastructure has been seriously affected with (7) bridges submerged, destroyed, or partially destroyed. Embankments have eroded and others completely washed away. The following are the bridges that have been affected: Nemfye, Choonga, Ngoma, Chikumi, Dongwe River connecting Nkandazovu, Dundumwezi and Chifusa. All those localities are still accessible either by road or by boat.

In Ndola, the district experienced flash floods on 2 February which led to houses completely collapsing while other have been adversely affected. The increase in numbers of houses that are collapsing has been attributed to the poor construction materials used coupled with poor drainage systems. To ascertain the situation in Ndola, Zambia red cross conducted a needs assessment with support from the Disaster Management and Mitigation Unit (DMMU), Zambia Red Cross and district has recorded about 425 affected households. Furthermore, 2 camps have been set up at Mapalo camp with 27 tents and 11 tents at Twashuka camp and the rest of the displaced have integrated in the communities.

Summary of the current response

Overview of Red Cross Red Crescent Movement in the country

Based on the flash flood monitor issued on 12 January 2022 by the Zambia Meteorological Department, the DMMU Regional Office through the Permanent Secretary's office on 13 January 2022 issued and directed District Commissioners of **Chikankata, Choma, Gwembe, Itezhi tezhi, Kalomo, Kazungula, Livingstone, Mazabuka, Monze, Namwala, Siavonga, Sinazongwe** to warn people of the possible impending floods in their respective districts especially for low lying and flood prone areas. ZRCS activated its multi-hazard contingency plan and a team from the National Disaster Response team (NDRT) was deployed to conduct and emergency needs assessment on site to



determine the extent of the disaster for an informed response. This was coupled with delivery of immediately needed non-food items for the affected families in Namwala district, which is the most affected in the region. 4 communities have been relocated to safer dry land. Among items delivered by ZRCS during the first distribution were blankets, sleeping mats, Mosquito nets, and tarpaulins. More NFIs have been distributed across all camps by ZRCS despite not reaching the initial target of 3,219 households because Catholic relief service and World vision distributed the exact items in most of the camps before the National Society could so. The NS (National Society) is keen on closely monitoring the flood situation in the country and is planning for readiness activities in flood prone districts across the country. The following are some of the priority sectors identified during the detailed needs assessment conducted by the ZRCS team.

- WASH
- Shelter
- Health
- Protection
- Livelihoods

To respond to the urgent needs in the above identified sectors, ZRCS so far has implemented the following.

Table 1: FIRST DISTRIBUTION BY ZAMBIA RED CROSS (date of distribution)

DESCRIPTION	Quantity	Number per household	Number of households reached with these items
Blankets	99	3/HH	33
Mosquito Nets Double Rectangular	99	3/HH	33
Tarpaulins	102	1/HH	102
Sleeping Mats	75	3/HH	25

Table 2: SECOND DISTRIBUTION OF NFIs BY ZRCS IN NAMWALA

The table is a summary of distributed NFI's in Namwala and a proposed distribution in Ndola and required procurement

Non-Food assistance/ services	INITIAL		UPDATE					Distrib uted already	Remaining items/un-used or additional procureme nt
	plann ed EPO A	Number per HH	Number per HH revised	revis ed activit ies in Namw ala	Propo sed suppo rt for Ndola	Replenish ment include	Total assista nce to provid e with this OU		
Tarpaulins	500	1 per HH for shelter Namwala	1 per HH for shelter Namwala for 492 HH and 20 for latrines Ndolo	492	20	yes (102 unit)	512	428	- 12

Blankets	1500	3/HH	distribute depending on the size of the family in Namwala, the gap and the assistance already provided by others organisations+ 3 per HH in Ndola	744	444	yes (99 unit)	1,188	744	312
Mosquito Nets Double Rectangular	1500	3/HH Namwala	distribute depending on the size of the family in Namwala, the gap and the assistance already provided by others organisations+ 3 per HH in Ndola	403	444	yes (99 unit)	847	403	653
Sleeping Mats	1500	3/HH	distribute depending on the size of the family in Namwala, the gap and the assistance already provided by others organisations+ 3 per HH in Ndola	939	444	yes (99 unit)	1,383	939	117
Soap	9657	3* 3219 HH Namwala	3 per HH in Namwala districts*3219HH + 3 per HH Ndola districts*148HH	9,657	444	No	10,101	1293	- 444
Containers	6438	2 *3219 HH	2 per HH 2 districts *428 HH Namwala and 148HH Ndola	6,438	296	No	6,734	1792	- 296
Dignity kits	1296	3 months in Namwala *432 women and girl at childbearing age	3 months in Namwala * women and girl at childbearing age in the camps + 3 month Ndola * 113 women	653	649	No	1,302	0	- 6
Chlorine	9657	3 liter per HH	2*3219 HH in Namwala and 2*425 + balance to be given to camps management committees to	6438	1275	No	7,713	0	1,944

			maintain appropriate wash /sanitation						
Hand wash stations	4	New activity	17 in namwala and 2 in Ndola	17	2	No	19	17	- 15
community kitchen	0	New activity	2 in ndolo camps	-	2	No	2	2	- 2
community emergency latrines	0	New activity	10	5	5	No	10	10	- 10
bathing shelters	0	New activity	16	8	8	No	16	16	- 16

Initially construction of cooking shelters, bathing shelters and temporal sanitation facilities were not planned for, but due to the need that was identified in the detailed needs assessment, it was found that there was need construction of the above listed facilities.

A total of 30 volunteers have been identified and trained in hygiene promotion, CBHFA and Covid 19 prevention. The 30 trained volunteers have been deployed in the camps and are conducting health promotion activities. A market assessment has been conducted at 2 big markets namely Nico and Chitongo in Namwala, to determine if these markets are still functioning after the disaster and are able to support the cash intervention ZRCS intends to implement. The assessment shows that these two markets are still accessible and basic commodities of the food basket are readily available with stable supply to be able to support the cash. Beneficiary identification, validation and sim card registration for the cash intervention to the 500 displaced HHs has commenced. ZRCS conducted a one-off cash transfer to 500 registered beneficiaries where each beneficiary received ZMW 500/month for 3 months bringing the total to ZMW1500/beneficiary which was distributed as a once off. ZRCS conducted cash distribution activity on the 20th of February 2022.



ZRCS cash transfer officer verifying beneficiaries' details during cash distribution

ZRCS is working in close coordination with other key stakeholders at all levels (National, provincial, district and community) including Disaster management mitigation unit (DMMU), Zambia Air force, Caritas, World Vision, Catholic Relief Services and key Government Line Ministries. Among the key activities conducted with stakeholders includes the following: coordination meetings, needs assessment, airlifting of NFIs and beneficiary identification and registration. Using previous experience from the other flood disasters experienced in 2021 in Mumbwa and the

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Namwala/Itezhi-tezhi FBF (Forecast Based Financing) test activation for flood as well as the current Kalabo response coordination and collaboration is key to enhance success.

In Ndola, a ZRCS team comprised of 3 staff and 1 NDRT conducted a joint assessment with the government through DMMU, district commissioner and the local government which reviewed that a total of 425 HHs were affected of which 148HHs were displaced. ZRCS has been working closely with key stakeholders to conduct hygiene promotion and mounting of tents provided by DMMU. Find the link for Ndola ¹Needs assessment.

¹https://zambiaredcrossociety-my.sharepoint.com/:w:/r/personal/kondwani_mabuti_redcross_org_zm/_layouts/15/Doc.aspx?sourcedoc=%7B6DC21

Overview of Red Cross Red Crescent Movement Actions in country

IFRC, through two in-country delegates, has continued to provide financial and operational technical support in collaboration with the Harare Country Cluster Delegation and the Nairobi Regional Office. IFRC supported the ZRCS in cash preparedness and in putting up systems such as the cash transfer program that will also be used in the proposed operation.

Participating National Society (PNS): Only the Netherlands Red Cross (NLRC) has a representation in the country. The NLRC provides bilateral support in various projects including First Aid, Community Health, COVID-19, Disaster Response Preparedness, including cash preparedness, and Organisational Development. The NLRC has supported the NS with funds to conduct the rapid needs assessment in Namwala District. The country program delegate is also part of the task force on emergency response for the NS and provides technical guidance on the planned response.

Overview of other actors' actions in country

In Namwala district

DMMU conducted the preliminary assessment in the affected districts and the report was shared with ZRCS on 17th January 2022. The Zambian Government, through the Disaster Management and Mitigation Unit (DMMU) has been spearheading the response in Namwala. Catholic relief services and World vision have also come on board and are providing relief items in Namwala.

The district commission for Namwala district called for more support because the impact was getting worse. On the 19th of January 2022. The assessment was done by Provincial Permanent Secretary and Provincial Minister who commissioned the evacuation of flood victims from Namalyo (Flooded village) to the Nachilumino Camp by Zambia Air Force.

Non-RC actors' assistance, including government is illustrated in the table below:

Table 3: Items distributed by Government and Non-RC actors in Namwala.

District	Organization	Support	Number of households reached with these items
Namwala	DMMU	<ul style="list-style-type: none"> Maize meal – 12.5kg x 3,462 bags Maize meal - 25 kg x 2320 Kapenta- 50kg x 22 bags Rice – 5kg x 500bags Wild Dates 20 boxes Sugar- 1kg x 47 packets Salt 500g x 47 packets Cooking oil 2.5L x 47 containers 	Approximately 400HH

Additional distribution has been made by the government since the launched of this DREF operation.

Table 4: DISTRIBUTION BY CATHOLIC RELIEF SERVICE IN NAMWALA

Sector	Description	Qty/HH	Nachumba Camp # HH:49	Chilumino Camp Name: # HH:98	Moomba Camp # HH:16	Chitongo Camp # HH:170	Monze Camp # HH: 81
Shelter	Blankets	3	147		48	510	243
WASH	Chlorine Liquid (750ml)	2	2	2	2	2	2
	Bucket 20L	1	49	98	16	170	81
	Container 20L	1	49	98	16	170	81

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	Chlorine granular		5kg	5kg			
	Sanitary Pads	2	2	2	2	2	2
	Hand washing soap	6	294		96	1020	486
Health	Mosquito Nets	3	147		48	510	243

Plans by other actors-World Vision intends to support Chilumino camp with portable latrines and Caritas Zambia intends to support the camps with food.

Ndola district

The Zambia Red Cross Society and DMMU so far are the only two actors on the ground in Ndola district. ZRCS through its branch volunteers in Ndola have been part of a team that have been conducting assessments in the different affected areas from the onset of the floods. A team of ZRCS staff from HQ on 7 February,2022 conducted a rapid emergency needs assessment at the two camps that have been set up so far namely Mapalo and Twashuka area.



ZRCS team during needs assessment @ZRCS



Tents distributed by DMMU to displaced families @ZRCS

Table 5: Items distributed by Government and Non-RC actors

The government through DMMU has distributed the following food stuffs and NFIs to some of the affected families in Ndola. Refer to the table below for the families reached out.

District	Organization	Support	Number of households reached with these items
Ndola	DMMU	<ul style="list-style-type: none"> 800 X 12.5 kg Maize Meal 	251
Ndola	DMMU	<ul style="list-style-type: none"> 38 tents 	38

Needs analysis, targeting, scenario planning and risk assessment

Needs analysis

Following the emergency needs assessment, which was conducted after the flash floods in Namwala, ZRCS developed an Emergency Plan of Action and funds through DREF were successfully secured to respond to the urgent needs of the affected populations. Following the weather recent 7-day forecast issued by Zambia meteorological department on the 14 February,2022, Rainfall activities are expected to continue across the country. This coupled with saturated soil moisture may lead to Flash Floods, Floods, and water logging in low-lying areas. This entails that households that have been evacuated will require extended stays in camps and this will also increase the vulnerability of those that are not in

the camps whose household and fields are being destroyed. There has been an increase in the number of affected people because of continued rainfall activities in view of this, as of 2 February 2022 the number was estimated at 600 HHs translating into 3600 people affected moreover this number is expected to increase as more people in the camps has been on an increase. The initial reported number of affected households was estimated at 3,219 however, the number of households in the camps has been rising due to the current rainfall activities across Zambia.

Over 425 households have been affected due to flash floods experienced on 3 February 2022 in Ndola district of which 148 households have displaced and 277 households are waterlogged. Of the 148 displaced households only 38 households have been sheltered at the two respective camps in Mapalo (27) and Twashuka (11). The remaining 110 households have been integrated in the community.

Need analysis in each sectors shows the below data:

Water, Sanitation and Hygiene (WASH): The newly displaced families are currently accommodated in different camps within affected wards of Namwala districts. The hygiene and sanitation conditions in displacement camps are extremely poor due to lack of adequate sanitation facilities and overcrowding. Open defecation has been reported in some camps and latrines are not in good condition as the area is waterlogged resulting in latrines becoming full. If the situation continues without being addressed there is substantial risk of disease outbreak such as cholera, bilharzia, and dysentery in the camps. The assessment conducted revealed that there is urgent need to construct latrines tailored according to the based on the needs of the camp.

In Ndola there's need to provide sanitation facilities with priority given to those in camps, 284 households have toilets submerged and those in the camps are not adequate and 27 households are sharing 2 toilets at Mapalo Camp. There are no bathrooms hence the 27 HH sheltered at Mapalo camp are using toilets as bathrooms. The main source of water is a mono pump which is enough to cater the affected households and the community at large. Additionally, water from the mono pump is contaminated and needs treatment. Affected beneficiaries have no water storage containers and the HHs that have integrated in the community are Drinking water without treating it direct from the shallow well.

Shelter: Following the displacement of 500 households, in the initial floods, the government through DMMU created 4 camps where tents have been mounted. 78 HH at Chilumino, 58 HH at Nakamboma, 16 HH at Moomba, 60 HH at Nachumba and 170 have cushion the shelter gap in Nachumba, Moomba and Nakamboma.

Previously identified needs for initial 500 households (3,000 people) have been addressed by the provision of NFIs.

The continued rainfall activities being experienced across the country has affected Ndola district, Zambia red cross conducted a needs assessment with support from the Disaster Management and Mitigation Unity (DMMU) which revealed that about 425 households were affected. Two camps have been set up at Mapalo with 27 tents and 11 tents at Twashuka camp. Currently, DMMU is the only organization that has responded in the district through provision of shelter and distribution of food items in form of Mealie meal and Beans. A few well-wishers have also donated a few food items. The needs at the two camps include health, WASH, and livelihood. The assessment revealed that Sanitation facilities are not adequate specifically at Mapalo camp where only 2 toilets are in existence which are catering 27 families this poses many health risks as well as safety risks for women and girls. The toilets are also being used as bathrooms hence these compromises adequacy requirements as per Public Health Act CAP 295 of the laws of Zambia as well as the sphere standards. Water is another issue of concern as the community has no reliable sources of clean and safe water forcing others to draw their drinking water from shallow wells hence posing a risk of diarrhoea diseases in the camps. Other findings include.

- Lack of Water storage containers
- Poor hygiene in the camps
- No COVID-19 prevention activities in the camps
- No source of income for the families
- Inadequate tents for cooking shelters
- Inadequate sleeping mats and blankets
- Lack of cooking spaces and cooking utensils

Therefore, there was an urgent need to support these displaced families with necessities to restore dignity and prevent the health risks that the current condition poses. ZRCS intends to support the families with WASH, Shelter and Health items.

Scenario planning

The scenario detailed in the [EPoA](#), which indicated more rainfall as per the forecast issued by the Meteorological services and more households affected has materialized. This situation is likely to continue until the end of March 2022 as highlighted by Zambia Meteorological Department seasonal forecast for the 2021/2022, which indicates that most parts of the country including Namwala district will receive normal to above normal rainfall meaning the situation is likely to worsen. Once the district experiences normal to above normal rainfall, there is high likelihood to experience more floods as the water levels increases raising the water tables.

Ndola is another district affected by the floods and a needs assessment has been done by the ZRCS to determine the extent of damage to property as well displacement of human life. Currently the DMMU has relocated the people affected to two camps. The displaced people in Ndola are likely to continue in the setup camps as their livelihood has been affected due to the loss, therefore, the affected population will require NFIs and other livelihood support to meet their immediate needs and hygiene promotion activities.

Operation Risk Assessment:

Refer to [EPoA](#) for details of operational risks and mitigation measures.

The initial plan of this DREF was to target 500hhs to receive cash intervention for 4 months to receive ZMW500/HH and provide various NFIs to 3,219 HHs in Namwala district. The initial response was based on the fact that ZRCS apart from the government through DMMU was the only actor on the ground responding to the floods. As of 8 February 2022, several stakeholders such as Catholic Relief Service and World vision have come on board to distribute relief items across all the camps apart from Chalumino camp. This new development has led ZRCS to partially distribute the stocked Non-Food Items in Namwala district to avoid duplication of efforts. It is for the reasons stated above that the National Society is proposing to expand its geographical coverage for the Flood response to include Ndola district. The plan is to respond to 148 displaced HHs from a total affected of 425 HHs that have been affected in Ndola district using the same funding from the activities that will not be able to implement in Namwala and the remaining NFIs.

B. OPERATIONAL STRATEGY

Overall Operational objective:

The overall goal of this operation is to support 19,314 people (3,219) affected by floods in Namwala District of Southern Province and 2,550 people (425 displaced HHs) in Ndola district by providing a multisectoral assistance covering WASH, Health, Protection, Gender and inclusion while distribution will only be provided to 500 HH in Namwala and 148 in Ndola during the next 4 months.

Proposed Strategy

The operation will be in line with the 2021 National Society Plan of Action as well as the 2021 to 2025 National Society Strategic Plan whose goal is to anticipate, respond to and quickly recover from crisis.

This Operation Update has been necessitated by changes in the implementation of operational strategy due increased presence of other humanitarian actors responding to flood victims in Namwala district, as well as additional areas not included in the initial in the EPoA that have been affected by flash floods in the country. On the 30 January 2022, Ndola district experienced heavy rains and strong winds which resulted in flash floods affecting 425 households in Bwana Mkubwa and Ndola central wards of which 148 HHs have been displaced.

The NS initially targeted to respond to 3,219 HHs with humanitarian support in Namwala district, however, the number of other humanitarian actors such as World Vision, Catholic Relief Services and Caritas Zambia have come on board and are implementing similar response interventions as ZRCS. In order to not duplicate efforts ZRCS will only distribute NFI's that other humanitarian actors have not supported. Due to this new development, the National Society has been unable to distribute NFIs (Non-Food Items) to 3,219 households, however ZRCS has been able to distribute NFI's to 215 displaced households out 258 displaced households from the rains that began on the 11 January 2022. ZRCS intends to expand its geographical coverage in this floods response to include Ndola district using the already available resources under this operation and Namwala will continue with the initial approved operational plan with some minor changes due to the incorporation of a new target district

Zambia Red Cross Society in Ndola intends to respond by providing Shelter item, WASH and Health support to the 148 displaced HHs. The key targeted activities will include the following: distribution of Chlorine, mosquito nets, blankets, sleeping mats, multipurpose soap, training of 15 volunteers in hygiene, CBHFA and Covid 19 prevention, construction of temporal latrines, bathrooms and kitchen shelters. Some of the Non-food items such as blankets, sleeping mats, tarpaulins, mosquito nets are available and prepositioned in the Ndola warehouse and ZRCS is in the process of distributing them to the 148 displaced HHs. These items will be replenished by NFI's that will not be distributed in Namwala district.

The following are the key sectors of this proposed response in Namwala and Ndola district:

1. Shelter (Target: 500hhs or 3000people in Namwala,148hhs or 888 people in Ndola)

Considering that 500 households have been displaced following the flash floods, NS complemented support to ensure these people regain a sense of dignity, improved security, and privacy by improving their sheltering situation. ZRCS distributed some NFIs as per table 2 above.

The table 2 above shows that 390 tarpaulins were procured instead of 500 as indicated in the budget, this was due to the recent increase in the prices of tarpaulins and other items countrywide. 72 tarpaulins from the total distributed of 428 as shown in the table were used in the construction of temporal bathing shelter, latrines and cooking shelters. Construction of temporal shelters required other items such as softwires and wooden poles and labour which was not initially included in the approved budget. These costs as well as the cost for the 38 tarpaulins distributed from ZRCS HQ warehouse that needs replenishment will be accounted for in the revised budget.

ZRCS from the remaining items as shown in the table above intends to distribute 3 blankets per HH and 3 sleeping mats per HH to the 148 displaced HHs for Ndola. As suggested NS intends to respond in Ndola by distributing NFIs that are readily available in the Ndola warehouse.

ZRCS will train 30 volunteers in shelter management in Namwala district as initially planned and train 15 volunteers in Ndola district. The National society also intends to construct 2 temporal cooking shelters in each camp in Ndola, the construction of these temporal cooking shelters will require tarpaulins therefore, the revised budget will allocate more funds to ensure that 500 tarpaulins are procured as initially planned.

2. Livelihoods and basic needs (Target:500 HH in Namwala)

The livelihood strategy and targeting remain the same as in the DREF EPoA. ZRCS provide cash transfers of K500/HH for 3 months to 500 HH in Namwala district only as initially planned considering that the government is providing food items in Ndola and hence ZRCS will not cover livelihoods in Ndola. Detail of the livelihood intervention in the link to the [EPoA](#). As today, the government has harmonised the minimum basket which include the element in the above table for a one-off allocation of (K1500) to cover their basic needs for the next three months. The cash value is calculated on the minimum food basket (MFB) approved by Zambia Government as detailed below:

Table 6: summary of cost of the food basket

No	Description	Qty	Unit measure	Unit (ZMW)	Cost (ZMW)
1	Maize meal	2	25kg	170	340
2	Cooking oil	1	750mls	25	25
3	Salt	1	100g	10	10
4	Soya chunks	1	5kg	125	125
Total cost					500

On this sector, NS has already

- Conducted the assessment and feasibility study to ensure availability of items on the local market, access to the markets, and the preference, the assessment has shown that the two biggest markets in the affected areas of Namwala are still accessible with readily available basic needs items.
- Beneficiary registration, validation and MTN sim cards registration of the 500 beneficiaries has commenced and disbursements will be made once the registration process is finalised.

The remaining activities to be implemented in the remaining period are to:

- Carry out a once off cash post-distribution monitoring to verify relevance of assistance and check if the cash received was sufficient in both districts, depending on the needs of each household. This will be done through Focus Group Discussion and exit survey. During the PDM, ZRCS volunteers will be messaging about flood risk, site selection of home construction.
- Carry out market monitoring post cash distribution to continuously assess market functionality and safety.
- Tracking of disbursements and reconciliation in real-time using the FSP and the Red Rose platforms

ZRCS will not provide any livelihood support in Ndola because the Government has taken care of this sector by providing food for the displaced in the camps.

3. Health (Target 19,314 people or 3,219 households in Namwala and 2,550 people or 425 HH in Ndola)

So far, 403 mosquito nets out of the 1,500 procured have been distributed in Namwala district leaving a balance of 1097 mosquito nets. ZRCS is planning to distribute 444 mosquito nets in the Ndola District targeting the 148 displaced households, 3 nets per household and the remaining 653 will be kept in the warehouse of Ndola in case numbers start rising again

30 volunteers have been trained in hygiene promotion, CBHFA and Covid 19 in Namwala. The training was combined in Namwala ending up with some budget savings that will facilitate similar training of 15 volunteers in Ndola. This will be followed by awareness campaign on hygiene and sanitation, the local radio programmes on hygiene promotion messages and mosquito distribution in Ndola. These trained volunteers will conduct hygiene promotion campaigns in all the affected areas of Ndola and Namwala (425 affected HHs in Ndola district and 3219 affected in Namwala). The volunteers will be engaged on Hygiene promotion, 3 days per week for the remaining two months.

4. Water, Sanitation and Hygiene (Target: 19,314 people or 3,219 HH in Namwala, 2,550 people or 425 HH in Ndola)

Refer to table two above for WASH items distributed and planned to distribute.

Table two above shows that dignity kits and chlorine have not been distributed in Namwala but already procured and ready for distribution ZRCS plans to distribute the items to 432 women and girls in Namwala for a period of 3 months while a portion of the remaining will be given to 115 women and girls at childbearing age for 3 months in Ndola. A total of 6 additional kits will be procured to cover the gap and meet the target

Table two above shows some negative stock balances and these are additional procurement needed to cover the target of 148 HH in Ndola and 500 HH in Namwala while negative are the additional procurement to be done additionally in this revision.

Chlorine will be distributed as planned but 2 litres per family for 3 months both in Namwala and in Ndola targeting all affected households, 3219 and 425 respectively while the remaining chlorine will be given to the camp committee in Namwala and Ndola after the operation. Soap will be distributed all affected households in both Districts, 3 tablets per household for 3219 households in Namwala and 148 HHs in Ndola. There is a deficit of 444 tablets that need to be procured.

More handwash stations than initially planned were distributed, the cost for the replenishment of 13 handwash stations will be incorporated in the revised budget. Costs for the unplanned latrines and bathing shelters will also be included in the revised budget. ZRCS also intends to construct 10 emergency latrines at the 2 camps (5 latrines at each camp) and bathing shelters (8 at each camp) in Ndola district. Therefore, 12 additional tarpaulins have to be procured to use during the construction of the temporal shelters.

Protection, Gender, and Inclusion (PGI)

Based on varying reasons such as culture and religion, some people are left out in the humanitarian assistance because they are either ignored or discriminated upon based on their gender, age, or disability, yet they are more affected during crisis. This operation will conduct a gender and diversity analysis and will design the targeting criteria based on vulnerabilities leveraging on diversity factors among others like age gender and disability. The intervention will seek to engage the at-risk groups such as the elderly and people with disabilities so that they gain equitable access to the assistance. Inclusion will also be considered when deciding on distribution points or strategies used in community engagement to ensure accountability. PGI will be mainstreamed throughout the intervention to ensure communities dignity, access, participation, and safety.

Community Engagement and Accountability (CEA)

Community engagement in the response will be ensured through timely sharing of clear information about response activities, all families in camps in both districts will be considered eligible for Cash transfer while the registered affected families will get the support from the other planned sectors. Communities will be given opportunities to participate in the response through community meetings and ongoing surveys and assessments. Feedback and complaints will be collected through community volunteers, community meetings, focus group discussions and suggestion boxes and responses provided through community meetings. All sensitive feedback will be dealt with one on one by CEA focal point. ZRCS will include a component of basic CEA in the PGI training for volunteers

- Support sectorial teams to include measures to address vulnerabilities specific to gender and diversity factors

- Conduct basic training in CEA and PGI for 30 volunteers in Namwala and 15 volunteers in Ndola.
- Establishment and Procurement of complaint and feedback mechanism (materials for setting up the complaints) in both districts. 5 complaint boxes were be set up in each district.
- An assessment will be undertaken three months into implementation to ascertain the impact of community engagement and accountability (CEA) on increasing consideration of gender and inclusion criteria in the emergency response.

Feedback will collect during project inception meetings and community engagement which will be reviewed. Based on the feedback, communities will be sensitized on the use of cash grants received, and a feedback mechanism will be put in place to give the communities the channel to share questions, complaints, or the need for support throughout the response.

Operational support services

Human resources

To implement and support this operation, 1 National Disaster Response Teams will each be deployed in Namwala who will work closely with the Disaster Manager and Officer for overseeing the implementation of the interventions and day-to-day running of the operations.

The response in Ndola will be spearheaded by the DM officers with the help of branch volunteers in the district. The Cash Officer will take lead on all cash interventions and the WASH officer will support the implementation of WASH interventions. A total of 45 (30 volunteers from Namwala and 15 additional volunteers from Ndola) volunteers will be trained in all livelihoods, WASH, PGI and CEA aspects and 10 members of staff from relevant departments will be involved and covered throughout the operation.

The surge deployment with this new orientation is no longer required. For technical support and monitoring of this operation, IFRC have an In-Country Operations Manager (Delegate) based in Zambia who is supporting the NS in this operation as the project manager of the operation. The Harare cluster office is also engaged and provide support.

Currently, ZRCS has one logistics officer who has support the procurement process of items required in this DREF operation. Logistics support will follow IFRC standard logistics and procurement procedures. Where possible, the operation will source most relief goods locally whilst ensuring materials meet the minimum standards of quality and social appropriateness by the affected communities.

Logistics and Procurement:

- **Procurement:** Currently ZRCS has one logistics officer who has been responsible for the procurement of any items required in this DREF operation. Logistics support follows IFRC and ZRCS standard logistics and procurement procedures. The operation sourced most relief goods locally whilst ensuring materials met the minimum standards of quality and social appropriateness by the affected communities.
- **Warehousing:** ZRCS has Regional temporary warehouses for distribution activities in Chipata, Ndola and Zambezi as HQ warehouse is far from affected areas.
- **Fleet:** To support the operation, both heavy and light weight vehicles have been rented locally to reach difficult and inaccessible areas.
- **CASH:** Engaged the FSP which the NS already has an agreement with and supported the cash distribution activity which took place.

Security

The security situation in Zambia and in the region described in the EPoA remain the same with no incident reported to date. B adding Ndola district to the target, ZRCS will make sure the same mitigation measures applies to the mobilised staff in the districts as per the same in Namwala. To reduce the risk of personnel and communities, active risk mitigation measures will be adopted. As listed in the [DREF EPoA](#), this includes situation monitoring and implementation of minimum-security standards and not travelling in the night. The IFRC security plans will apply to all IFRC staff throughout. Area specific Security Risk Assessment will be conducted for any operational area should any IFRC personnel deploy there; risk mitigation measures will be identified and implemented. All IFRC must, and RC/RC staff and volunteers are encouraged, to complete the IFRC Stay Safe e-learning courses, i.e., Stay Safe Personal Security, Stay Safe Security Management and Stay Safe Volunteer Security online training. Minimum Security Requirements (MSR) is in place for Zambia.

Planning Monitoring, Evaluation and Reporting (PMER)

IFRC has provided support in setting up assessment, monitoring and reporting mechanisms and continue to do so. ZRCS with the support of IFRC PMER team will conduct the planned monitoring and reporting activities both in Namwala and Ndola. More details on those activities in the [DREF EPoA](#).


Administration and Finance


From the moment, no reported expenses have been reviewed by the finance and all the finance and administrative approach and activities remain unchanged. More details on those activities in the [DREF EPoA](#)

Business Continuity and Exit strategy

The developed strategy remains unchanged. More details on those activities in the [DREF EPoA](#)

C. DETAILED OPERATIONAL PLAN

	<h3 style="color: red;">Shelter</h3> <p>People reached: 3,888people (648HH) Male: 1,866 Female: 2,022</p>	
<p>Outcome 1: Communities in disaster and crisis affected areas restore and strengthen their safety, well-being and short-term recovery through emergency shelter and settlement solutions</p>		
Indicators:	Target	Actual
# of people provided with emergency shelter and settlement assistance (Target: 3,000 people)	3000	2136
# of HH provided with emergency shelter EHI (Target: 3,000 people)	500	2136
<p>Output 1.1: Short-term shelter and settlement assistance is provided to affected households</p>		
Indicators:	Target	Actual
# of HH emergency shelters provided in Namwala (Target: 500 tarpaulins)	500	428
# of HH emergency shelters provided/constructed in Ndola (Target: 500 tarpaulins) new indicator	148	0
# of tarpaulins procured and distributed (Target: 500)	500	428
# of blankets procured and distributed (Target: 1,500)	1500	744
# of sleeping mats procured and distributed (Target: 1,500)	1500	939
<p>Progress towards outcomes</p>		
<p>In Namwala ZRCS has distributed 645 blankets and 939 sleeping mats as emergency household items. 428 tarpaulins were distributed, of which 356 tarpaulins were used to provide cover to partially collapsed houses and temporal shelter to the displaced. 72 tarpaulins were used in the construction temporal latrines, bathing shelters and cooking shelters.</p>		

	<h3 style="color: red;">Livelihoods and basic needs</h3> <p>People reached: 3,000 Male: 1440 Female: 1560</p>	
<p>Outcome 1: Communities, especially in disaster and crisis-affected areas, restore and strengthen their livelihoods</p>		
Indicators:	Target	Actual
% of surveyed people who report being satisfied with the assistance received (target: at least 80%)	80%	0
<p>Output 1.2: Basic needs assistance for livelihoods security including food is provided to the most affected communities</p>		
Indicators:	Target	Actual

# of households receiving cash support for food (Target: 500 HH)	500	500
# of cash transfer done by FSP to HH beneficiaries for food (Target: 01 per HH, 1500 total for Namwala)	1	1
# of volunteers involved in cash distribution activities (Target: 5 volunteers)	5	
Progress towards outcomes		
500 beneficiaries that were registered to receive the cash grants of K500/ month for 3 months received the once off cash grants of K1500 through MTN mobile money on 20 th February 2022. Therefore, each beneficiary received K1500 to help them meet their basic needs for the next three months.		



Health

People reached: 21,864

Male: 8,749

Female: 13,118

Outcome 1: Transmission of diseases of epidemic potential is reduced

Indicators:	Target	Actual
# of people reached with Health hygiene promotion (19,314)	19,314	

Output 4.1: : Community-based disease control and health promotion is provided to the target population

Indicators:	Target	Actual
# Volunteers trained in CBHFA (Target: Namwala 30 volunteers, Ndola -15 volunteers)	30 Namwala 15 Ndola	0 Namwala 0 Ndola
# of people reached with Health promotion messages (3644)	3644	0

- 403 mosquito nets out of the 1500 procured have been distributed in Namwala district leaving a balance of 1097 mosquito nets in Namwala.
30 volunteers have been trained in hygiene promotion in Namwala. These trained volunteers will conduct hygiene promotion campaigns in the camps.
Distribution and awareness will include Ndola in the coming months.



Water, sanitation and hygiene

People reached: 21864 people (3644 Households)

Male:10496

Female: 11369

Outcome 3.1: : Immediate reduction in risk of waterborne and water-related diseases in targeted communities

Indicators:	Target	Actual
# of households reached with WASH services (Target: 3644HH)	3644	0

Output 3.1.1: Community managed water sources giving access to safe water is provided to target populations.

Indicators:	Target	Actual
# of volunteers trained in basic hygiene (Target: Namwala-30, Ndola-15)	30 Namwala 15 Ndola	30 Namwala 0 Ndola
# of water storage containers procured. (Target: 6,438 containers HH))	6,743	1,792

# of households provided with Chlorine to treat their eater (Target: 3367hh)	3,367	0
Output 3.1.2: Hygiene promotion activities are provided to the entire affected population.		
Indicators	Target	Actual
# of HH reached with door-to-door hygiene campaigns (Target: 3644hh)	3644	0
# of volunteers involved in hygiene promotion (Target: Namwala-30, Ndola-15)	30 Namwala 15 Ndola	30 Namwala 0 Ndola
# of hygiene promotion sessions conducted (Target: 16 HP sessions)	16	0

Progress towards outcomes

Non-Food Items	Procured	Distributed	Remaining	Number per HH	Proposed support for Ndola (148hhs)
Soap	9657	1293	8364	6	2664
Containers	6438	1792	4646	2	296
Dignity kits	Not yet (1296)	0	0		432
Chlorine	Not yet (9657)	0	0	3	1332
Hand wash stations	4	17	-13		0
Tarpaulins	390	428	-38		20 to be used for the construction of 10 temporal latrines and 8 bathing shelters

ZRCS plans to distribute the items to 432 women and girls in Namwala and 115 in Ndola District for a period of 3 months.

Chlorine will be distributed 3/HH as planned in both Districts

More handwash stations that what was initially planned were distributed, the cost for the replenishment of 13 handwash stations will be incorporated in the revised budget. Costs for the unplanned latrines and bathing shelters will also be included in the revised budget. ZRCS also intends to construct 10 temporal latrines at the 2 camps (5latrines at each camp) and bathing shelters (8 at each camp) in Ndola district. Therefore, more tarpaulins have to be procured to use during the construction of the temporal shelters.

Strengthen National Society

Outcome S1: National Society capacity building and organizational development objectives are facilitated to ensure that National Societies have the necessary legal, ethical and financial foundations, systems and structures, competencies and capacities to plan and perform

Indicators:	Target	Actual
Output 1.1.4: National Societies have effective and motivated volunteers who are protected		
Indicators:	Target	Actual
# of volunteers insured (Target: 45)	45	0
# of volunteers provided with PPE (Target: 45)	45	0
Output S2.1.3 NS compliance with Principles and Rules for Humanitarian Assistance is improved		
Indicators:	Target	Actual

# of volunteers trained and oriented on the PGI, CEA and volunteer Code of Conduct (Target: 45volunteers)	45	0
% of community feedback and complaint received and responded to (Target: at least 70%)	70%	0
# of IFRC monitoring visits (Target: 2 visits)	2	1
Outcome S3.1: The IFRC secretariat, together with National Societies uses their unique position to influence decisions at local, national and international levels that affect the most vulnerable.		
Output S3.1.1: IFRC and NS are visible, trusted and effective advocates on humanitarian issues		
Indicators	Target	Actual
# of communications sessions held (Target: 3)	3	0
# of lessons learned workshop conducted (Target: 1)	1	0
Progress towards outcomes		
<ul style="list-style-type: none"> - IFRC has completed 1 monitoring mission to support the launched of this operation and the assessment analysis. NS has started responding and trainings of volunteers are engaged and must be completed including the 15 volunteers in Ndola to the 30 mobilised in Namwala. 		

D. Financial Report

ZRCS will work within the approved allocation of CHF 373,157 and extent the operations to Ndola. The NS is not requesting for additional funds.

International Federation of Red Cross and Red Crescent Societies					all amounts in Swiss Francs (CHF)		
DREF OPERATION							
APPEAL CODE - COUNTRY - OPERATION NAME					19/01/2022		
Budget by Resource							
Budget Group					Revised Budget	Initial Budget	changes (positive-addition/negative-reduction)
Shelter - Relief					43,752	29,150	-14,602
Clothing & Textiles					58,035	58,035	0
Water, Sanitation & Hygiene					85,437	85,437	0
Medical & First Aid					21,889	20,299	-1,590
Utensils & Tools					191	0	-191
Cash Disbursement					50,085	50,085	0
Relief items, Construction, Supplies					259,388	243,006	-16,382
Vehicles					1,696	1,696	0
Other Machinery & Equipment					795	795	0
Land, vehicles & equipment					2,491	2,491	0
Distribution & Monitoring					7,534	13,674	6,140
Transport & Vehicles Costs					5,777	2,067	-3,710
Logistics, Transport & Storage					13,311	15,741	2,430
International Staff					5,300	14,575	9,275
Volunteers					10,290	13,377	3,087
Personnel					15,590	27,952	12,362
Workshops & Training					24,062	25,652	1,590
Workshops & Training					24,062	25,652	1,590
Travel					6,360	6,360	0
Information & Public Relations					9,116	9,116	0
Communications					636	636	0
Financial Charges					477	477	0
Other General Expenses					18,951	18,951	0
General Expenditure					35,540	35,540	0
DIRECT COSTS					350,382	350,382	0
INDIRECT COSTS					22,775	22,775	0
TOTAL BUDGET					373,157	373,157	0
Budget by Area of Intervention					Revised Budget	Initial Budget	changes (positive-addition/negative-reduction)
AOF1	Disaster Risk Reduction						
AOF2	Shelter			118,535	97,932	-20,602	
AOF3	Livelihoods and Basic Needs			59,606	68,637	9,031	
AOF4	Health			32,634	32,682	48	
AOF5	Water, Sanitation and Hygiene			100,225	101,997	1,772	
AOF6	Protection, Gender and Inclusion						
AOF7	Migration						
SFI1	Strengthen National Societies			45,676	45,549	-127	
SFI2	Effective International Disaster			9,709	19,586	9,878	
SFI3	Influence others as leading str			6,773	6,773	0	
SFI4	Ensure a strong IFRC						
TOTAL				373,157	373,157	0	

CONTACTS

Reference documents



Click here for:



DREF Operation -
Standard Report 2602

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How we work

All IFRC assistance seeks to adhere to the **Code of Conduct** for the International Red Cross and Red Crescent Movement and Non-Governmental Organizations (NGO's) in Disaster Relief and the **Humanitarian Charter and Minimum Standards in Humanitarian Response (Sphere)** in delivering assistance to the most vulnerable. The IFRC's vision is to inspire, **encourage, facilitate and promote at all times all forms of humanitarian activities** by National Societies, with a view to **preventing and alleviating human suffering**, and thereby contributing to the maintenance and promotion of human dignity and peace in the world.

The IFRC's work is guided by Strategy 2020 which puts forward three strategic aims:



Save lives.
protect livelihoods,
and strengthen recovery
from disaster and crises.



Enable **healthy**
and **safe** living.



Promote social inclusion
and a culture of
non-violence and peace.