

EAGLE FOUNDATION FILE FORM

File N°:

Name of file: Ripple Africa – Borehole Repairs Nkhata Bay District

Date of reception:

Date submitted to Board:

Type of project: Capital and Revenue Project

Period of project: March 2026 – October 2026

Place of performance: Nkhata Bay District, Malawi

Total no. to benefit: This project will benefit potentially 44,806 people

Amount requested: £51,858

Reasons for the request:

To date, with the help of Fondation Eagle, Guernsey Overseas Aid and Bjorgaas Social Welfare Foundation, Ripple Africa has repaired over 800 boreholes in Nkhata Bay, Nkhotakota and Salima Districts. In Nkhata Bay District there are still many more boreholes and wells in need of repair. The District Council in Nkhata Bay have prioritised 67 boreholes that urgently require repairs and have requested our help in this – hence our request to Fondation Eagle for further borehole repair funding.

Overview:

Households in rural parts of Malawi rarely have access to piped water into their homes, but have to collect water from boreholes and shallow wells to use for cooking, cleaning and drinking. Where a local borehole or well is not functional, the only alternatives are to walk often long distances to the next working borehole or to collect water from rivers, streams and lakes or holes in the ground to access water near their homes. Often this water is dirty and leads to diseases such as cholera or parasite infestation. Each District Council employs qualified technicians capable of repairing any boreholes and wells which are damaged and out of action, but there is no funding for purchasing the spare parts or to cover the travel costs needed to reach the borehole in order to carry out the work.

Characteristics of the project:

Nkhata Bay District Council have requested that we help them to repair a further 67 broken boreholes in rural areas of Nkhata Bay District. The full list is at Annex 1.

In partnership with the District Council Maintenance team, we will visit each borehole and assess the spare parts and time needed to carry out the repairs. We then intend to purchase all the spare parts as soon as possible to ensure that we secure the best price for them and will work with the District Council Team to plan the repair programme. Ripple Africa will pay for the purchase and transport costs for the spare parts and pay for the travel and subsistence costs needed by the maintenance and supervisory team to reach the boreholes and carry out the repairs. The repairs will be carried out after the rainy season has finished.

The Water Department's assessment is that the average number of households using each borehole is 74 and therefore the expected beneficiaries will be 24,790. However, 18 of the boreholes are at schools, and as well as the local households, the student and teacher numbers will inflate that figure. From previous repair projects, we estimate that the average teacher and student population using each school borehole will be approximately 1,112. Therefore, the total number of project beneficiaries would be 44,806.

The process that we go through when identifying the boreholes in need of repair and the repair process itself is as follows:

- Each community water committee reports borehole performance to the District Water Office quarterly so that the District Council knows which boreholes are functioning and which are not
- The District Water Department provides the names and locations of all broken boreholes to Ripple Africa. Decisions are then made about how many boreholes can be repaired with the funding available and the repair schedule is then agreed between the District and Ripple Africa based on agreed priorities
- The District Water Department communicates to the appropriate community water committees about which boreholes are to be fixed so that the community are aware of the schedule
- The District Water Department then conducts an assessment of each borehole to identify what needs to be repaired and what spare parts will be needed
- They communicate the spare parts needed to Ripple Africa who then source the parts at the best available price
- Ripple Africa purchase and distribute the spare parts to the District Water Department maintenance team
- The District Water Department maintenance team fix the broken boreholes
- Repair work is supervised by the District Council managers and the Ripple Africa Project Coordinator, Christopher Chiumia
- All receipts are filed by the Ripple Africa Country Director who authorizes all payments.



Spare parts are purchased and delivered



Maintenance teams repair the boreholes



Clean and safe water flows again

Budget:

Rising costs in Malawi and supply issues have increased the costs of spare parts and fuel. The average cost of repairing each borehole has now risen to almost £775.

Costing for 67 Boreholes

67

2,200

Description	Quantity	Unit	Unit Cost	Total Cost	£
Borehole cost					
Salaries Area Manager	4	Months	504,896	2,019,584	£918
Travel and subsistence Area manager	4	Months	400,000	1,600,000	£727
Motorbike Maintenance and fuel	4	Months	420,000	1,680,000	£764
Monthly airtime	4	Airtime	40,000	160,000	£73
Travel and subsistence District Council	67	Each	100,000	6,700,000	£3,045
Travel and subsistence Engineers survey	67	Each	62,500	4,187,500	£1,903
Travel and subsistence Engineers Maintenance	67	Each	125,000	8,375,000	£3,807
Equipment	67	Each	1,000,000	67,000,000	£30,455
Ripple Africa monitoring and management	67	Each	50,000	3,350,000	£1,523
TOTAL				95,072,084	£43,215
Malawi Support Costs	10%			9,507,208	£4,321
UK Support Costs	10%			9,507,208	£4,321
Grand Total				114,086,501	£51,858
Unit Cost				1,702,784	£774

Exchange Rate £1: 2,200 Malawi Kwacha

Evaluation Bhavna Dziurzynski:

Date remittance to Board Members:

Date board's decision:

Decision of the Board:

**PRIORITY BOREHOLES IN NEED OF REPAIR IN NKHATA BAY DISTRICT
NOVEMBER 2025**

	Borehole Name	Latitude	Longitude	Senior Chief / Traditional Authority
1	Chihame 1 Primary School borehole	-11.8451817	34.1663813	SC Malanda
2	Mgodi Primary School borehole	-11.8314558	34.1443822	SC Malanda
3	Chenyentha borehole	-11.7998862	34.196232	SC Malanda
4	Chilonga 2 borehole	-11.8029114	34.1784742	SC Malanda
5	Chimbele borehole	-11.7902265	34.1476638	SC Malanda
6	Chimbere Primary School borehole	-11.7971208	34.1533896	SC Malanda
7	Chimwala borehole	-11.8195454	34.1715953	SC Malanda
8	Chipaika Primary School borehole	-11.7622772	34.1703983	SC Malanda
9	Chironga borehole	-11.8078842	34.187053	SC Malanda
10	Chisanisani borehole	-11.7985697	34.1928739	SC Malanda
11	Chivumu 2 Primary School borehole	-11.8640679	34.165792	SC Malanda
12	Chikwina Primary School borehole	-11.398457	34.1703749	SC Nyaluwanga
13	Kapoti borehole	-11.403382	34.1741866	SC Nyaluwanga
14	Kayuni 2 borehole	-11.3631907	34.1437437	SC Nyaluwanga
15	Njiri Primary School borehole	-11.3237815	34.1319523	SC Nyaluwanga
16	Smallholder borehole	-11.394928	34.1695274	SC Nyaluwanga
17	Chapalanyika borehole	-11.3718198	34.0896892	SC Nyaluwanga
18	Chigwere Smallholder borehole	-11.3833191	34.0973986	SC Nyaluwanga
19	Chipunga Primary School borehole	-11.3584329	34.14315	SC Nyaluwanga
20	Dindindi borehole 2	-11.3949895	34.1611858	SC Nyaluwanga
21	Dindindi borehole	-11.3906691	34.1555199	SC Nyaluwanga
22	Gama borehole	-11.3337026	34.085442	SC Nyaluwanga
23	Joto borehole	-11.3402612	34.0938114	SC Nyaluwanga
24	Kamadowa borehole	-11.3357371	34.1001681	SC Nyaluwanga
25	Kanyanga borehole	-11.3662099	34.0886434	SC Nyaluwanga
26	Kapazuka borehole 1	-11.3408765	34.0773992	SC Nyaluwanga
27	Liwomba borehole	-11.3628107	34.0862694	SC Nyaluwanga
28	Mgzola borehole	-11.3550859	34.1004077	SC Nyaluwanga
29	Mtenje borehole	-11.3749156	34.1814321	SC Nyaluwanga
30	Muyombe borehole	-11.4000607	34.1662717	SC Nyaluwanga
31	Wadenya borehole	-11.4083825	34.1795427	SC Nyaluwanga
32	Wanangwa borehole	-11.335857	34.1034848	SC Nyaluwanga
33	Bolodi borehole	-11.6409558	34.1369137	TA Kabunduli
34	Chihame II CDSS borehole	-11.6753297	34.0871815	TA Kabunduli
35	Chinyakula borehole	-11.6361901	34.1339435	TA Kabunduli
36	Chitheka Primary School borehole	-11.7002325	33.9581875	TA Kabunduli
37	Kafyanda borehole	-11.5596563	33.957896	TA Kabunduli
38	Kang'oma Primary School borehole	-11.7185521	33.9326074	TA Kabunduli

	Borehole name	Latitude	Longitude	Senior Chief / Traditional Authority
39	Kautamba Primary School borehole	-11.7171273	34.0706872	TA Kabunduli
40	Kavuzi borehole	-11.6785423	34.0851587	TA Kabunduli
41	Kawalazi Primary School borehole	-11.6284605	34.1222889	TA Kabunduli
42	Liwungu Primary School borehole	-11.7074179	33.9875026	TA Kabunduli
43	Lukalazi Primary School borehole	-11.5220546	33.9746554	TA Kabunduli
44	Mankhwila borehole	-11.7194052	33.9356448	TA Kabunduli
45	Mbowe Primary School borehole	-11.5567836	33.9402108	TA Kabunduli
46	Mlongozi Borehole	-11.5631871	33.9386801	TA Kabunduli
47	Msakasa Primary School borehole	-11.7016389	34.0270694	TA Kabunduli
48	Mzenga Trading 1 borehole	-11.7316612	34.0801169	TA Kabunduli
49	Chilopa borehole	-11.9124529	34.1397244	TA Malenga Mzoma
50	Chiputa Chikhokho borehole	-11.8982132	34.1510739	TA Malenga Mzoma
51	Kapeta Mayitesi borehole	-11.9047577	34.1589835	TA Malenga Mzoma
52	Chibali / Usanga borehole	-11.5452097	34.154318	TA Timbiri
53	GVH Mweza borehole	-11.6629216	34.1578872	TA Timbiri
54	Chavukuka Mwembi borehole	-11.6487581	34.2165095	TA Timbiri
55	Duwulani 2 borehole	-11.6276694	34.207843	TA Timbiri
56	Goneka 2 borehole	-11.5069772	34.1831346	TA Timbiri
57	GVH Chikondawanga borehole	-11.5371479	34.1407935	TA Timbiri
58	Kajilanga borehole	-11.5779508	34.1244037	TA Timbiri
59	Mkongwi borehole	-11.6232247	34.2100665	TA Timbiri
60	Mpamba CCAP borehole	-11.5427197	34.1878005	TA Timbiri
61	Zaya borehole	-11.4564182	34.1857963	TA Timbiri
62	Chinguluwi Mkunkha borehole	-11.5646681	34.2163031	TA Timbiri
63	Lwambaza School borehole	-11.6116556	34.1999965	TA Timbiri
64	Malenge borehole	-11.6106029	34.1992324	TA Timbiri
65	Masasa borehole	-11.6430551	34.214467	TA Timbiri
66	Msakaneni Church borehole	-11.5709998	34.22287	TA Timbiri
67	Ndinako borehole	-11.6425603	34.1400236	TA Timbiri