

The Global Fund to Fight AIDS, Tuberculosis and Malaria

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Ref.: TGF/HIA1/MB/MS/GHA-M-AGAMAL/IL1

30 September 2016

Mr Sylvester Segbaya Manager, Malaria Program AngloGold Ashanti (Ghana) Limited Gold House, Patrice Lumumba Road P.O. Box 2665 Accra Ghana

Subject: Implementation Letter Number 1

**Modifications to grant GHA-M-AGAMal** 

Dear Mr Segbaya

Reference is made to the Grant Confirmation dated 22 April 2015 (as amended from time to time, the "Grant Confirmation") between the Global Fund to Fight AIDS, Tuberculosis and Malaria (the "Global Fund") and AngloGold Ashanti (Ghana) Malaria Control Limited (the "Grantee") for grant GHA-M-AGAMal. Unless defined in this Implementation Letter or the context requires otherwise, all capitalized terms used in this Implementation Letter shall have the same meaning as set out in the Grant Confirmation.

The Global Fund has approved an extension with additional funding for the Program described in the Grant Confirmation for the purpose of extending the shortened grant to 31 December 2017. As a result, we propose modifying the Grant Confirmation to change the Implementation Period from 01 March 2015 to 31 December 2016 to 01 March 2015 to 31 December 2017, and we propose increasing the Grant Funds for the Implementation Period by US\$ 5,281,331. Additionally, we propose amending the Performance Framework and the Summary Budget included in Schedule I (Integrated Grant Description) of the Grant Confirmation to reflect the activities to be funded with the approved additional funding during the extension period.

Pursuant to Section 12.3 of the Global Fund Grant Regulations (2014), in order to reflect the above, we would like to make the following changes to the Grant Confirmation:

- 1. The table in Section 3 of the Grant Confirmation is hereby deleted in its entirety and replaced with the table set forth in Annex 1 to this Implementation Letter.
- 2. The Performance Framework included in Schedule I (Integrated Grant Description) of the Grant Confirmation is hereby deleted in its entirety and replaced with the Revised Performance Framework attached to this Implementation Letter.
- 3. The Summary Budget included in Schedule I (Integrated Grant Description) of the Grant Confirmation is hereby deleted in its entirety and replaced with the Revised Summary Budget attached to this Implementation Letter.

Other than to the extent modified by this Implementation Letter, all provisions of the Grant Agreement remain the same and continue to have full force and effect.

Please confirm your agreement to these amendments by signing two copies of this Implementation Letter and returning both copies to us. The above changes will take effect upon the signing by the Global Fund Chief Financial Officer (or his/her designated official) indicated below. One copy of this letter will be returned to you for your records once the Global Fund Chief Financial Officer (or his/her designated official) has signed.

Thank you for your important efforts in the global fight against malaria. We look forward to the continuing successful implementation of the Program.

Yours sincerely

Michael Byrne Department Head High Impact Africa I

Agreed and signed:

Name: Mr Eric Asubonteng

Title: Managing Director

Date: 21/10/2016

Signed by the Global Fund Chief Financial Officer or his/her designated official for the recognition

of this agreement by the Global Fund.

Mark Warrillow-Thomson Regional Finance Manager

High Impact Africa I

encl.:

Annex 1 – Revised Section 3 of the Grant Confirmation

Schedule 1 - Integrated Grant Description

Revised Performance Framework Revised Summary Budget

cc:

Mr. Collins Agyarko-Nti, CCM Chair Mr. Michael Asiedu-Antwi, Local Fund Agent



# Annex 1

3.1	Host Country or Region:	Republic of Ghana
3.2	(Disease) Component:	Malaria
3.3	Program Title:	Accelerating Access to Prevention, Treatment, and Home Based Care for Malaria and Increasing the Access to Affordable ACTs in the Private Sector
3.4	Grant Name:	GHA-M-AGAMal
3.5	GA Number:	689
3.6	Grant Funds:	Up to the amount of US\$18,606,470 (Eighteen Million Six Hundred Six Thousand Four Hundred and Seventy US Dollars) or its equivalent in other currencies.
3.7	Implementation Period:	From 01 March 2015 to 31 December 2017

		•	shanti (Ghana) Malaria Control Limited Patrice Lumumba Road, P.O. Box 2665, Accra Shana
3.8	The Principal Recipient Nominated:	Attention:	Sylvester Segbaya Manager Malaria Program
		Telephone: Facsimile:	+233 322 540 4 94
		Email:	ssegbaya@AngloGoldAshanti.com.gh
3.9	Fiscal Year of the Principal Recipient:	01 January to	o 31 December
		No. 12 Airpo	ouseCoopers(Gh) Ltd rt City, UNA Home, 3rd Floor, PMB CT42, s, Accra, Ghana
3.10	LFA:	Attention:	Mr. Michael Asiedu-Antwi
3.10	LFA:	Attention: Telephone: Facsimile: Email:	Mr. Michael Asiedu-Antwi +233 302 761 50 +233 302 761 544 michael.asiedu-antwi@gh.pwc.com

			und to Fight AIDS, Tuberculosis and Malaria landonnet 8, 1214 Vernier, Geneva
3.11	Global Fund (Notices information for this Grant Confirmation):	Attention:	Mr. Michael David Byrne Head, High Impact Africa 1 Department Grant Management Division
		Telephone: Facsimile: Email:	+41 58 791 1700 +41 58 791 1701 michael.byrne@theglobalfund.org

### **SCHEDULE 1. INTEGRATED GRANT DESCRIPTION**

### A. PROGRAM DESCRIPTION

## 1. Background and Summary:

Malaria is endemic in all parts of Ghana and puts its population of 26 million at risk of malaria throughout the year. According to national figures malaria still contributes substantially to the disease burden accounting for 38% of OPD attendance, 35% of total hospital admissions and 19% of all causes of deaths recorded.

Malaria accounts for 34.9% of all outpatient cases, 19.5% of all deaths (data from Ghana Health Services, 2011). Amongst pregnant women it accounts for 13.8% of all outpatient department attendances, 10.6% of admissions and 9.4% of deaths. All cause under-five mortality has reduced from 111 per 1000 live births in 2003 to 82 per 1000 live births in 2011. Under 5 deaths from malaria declined from 3,952 in 2000 to 1,348 by 2012, respectively. Parasite prevalence is widely believed to have declined considerably over the same period. The proportion of homes owning at least one insecticide treated net rose from 3% in 2003 to 86.6% in 2012. Malaria cases recorded monthly in the Mine Hospital declined from 6,800 in 2006 to 400 in 2013. IRS conducted by PMI, which in 2013 started using the same insecticide as AGAMCL, shows dramatic declines in prevalence rates among children under 5 following the switch from pyrethroids in Northern Ghana. RDT positive rates dropped from 69.9% in 2010 to 66.0% in 2012 (after pyrethroids spraying) to 28.8% in 2013 (after spraying of Actellic).

The National Malaria Control Strategic Plan for 2014-2020 states the overall goal of the National Malaria Control Program in Ghana as being "to reduce the malaria morbidity and mortality burden by 75% (using 2012 as baseline) by the year 2020". The current program intends to supplement resources available from local sources and those from partners in order to contribute towards achieving the national strategic goal.

In line with goals of global malaria control initiatives and the National Malaria Control Strategic Plan, this program aims at contributing to the attainment of higher percentages of population in the highest burden districts in Upper West to be protected by indoor residual spraying as well as health care and community capacity building, monitoring and evaluation, operational research, and behavior change communication.

The PR has implemented the Indoor Residual Spraying component of the grant since July 2011. The program was successfully scaled up to 24 districts covering a population of more than 1 million by the end of 2014. Under this grant, IRS activities have been reduced to 11 districts (due to lack of funding) and from two rounds per year to one using the newly developed, longer-lasting formulation of pirimiphos-methy (Actellic 300 CS).

The Principal Recipient AngloGold Ashanti (Ghana) Malaria Control Limited ("AGAMCL"). AGAMCL shall be responsible for IRS activities as well as training of spray operators, testing of pesticides and annual incidents data collection from its sentinel sites.

## 2. Goal, Strategies and Activities

### Goals:

 To reduce the malaria morbidity and mortality by 75% (using 2012 as baseline) by the year 2020.

## **Strategies**:

To implement indoor residual spraying activities

## Planned activities:

• IRS for 11 districts in Upper West region with highest disease burden coverage as well as Obuasi municipality of the Ashanti Region.

## 3. Target Group/Beneficiaries:

- Children under five years of age;
- Pregnant women; and
- The general population.

## B. PERFORMANCE FRAMEWORK

Please refer to the Performance Framework attached.

## C. SUMMARY BUDGET

Please refer to the Summary Budget attached.

Performance Framework				English	
A. Program details					
Country / Applicant:	Ghana		Ministry of Health of Ghar	a	MOH
Component:	Malaria	Principal Recipients	AngloGold Ashanti Malari	Control Limited	Ashanti
Start Year:	2015		[		
Start Month:	January	(Please select from list or add a new one)			
Annual Reporting Cycle	Jan - Dec				T
Reporting Frequency (Months)	6				1

B. Reporting periods								
Period	Jan 2015 - Jun 2015		Jan 2016 - Jun 2016	Jul 2016 - Dec 2016	Jan 2017 - Jun 2017	Jul 2017 - Dec 2017	Jan 2018 - Jun 2018	Jul 2018 - Dec 2018
PU due	Yes	Yes	Yes	Yes	Yes	Yes	T	
PU/DP due	V	No.	V	No.	V	No.	T	

2				Baseline						Ta	rgets									
University	Impact indicator	Country	Value	Year	Source	Required disaggregatio n	2015	Report due date	2016	Report due date	2017	Report due date	2018	Report due date			Commi	ents		
	1 Malaria I-5: Parisite prevalence: Proportion of children aged 6-59 months 1 with malaria infection (disaggregated by sex)	Ghana	27.50%	2011	MCS	Sex	20%	2015	15%	2017			10%	2019	The target for and 2018 targe	2015 will be from	om 2014 D	HS which is cu	mently ongo	sing. 2016
	2 Malaria I-6: All-cause under-5 mortality rate per 1000 live births (disaggregated by sex)	Ghana	82 per 1000LB	2011	MCS	Sex	70/1000LB	2015	60/1000 LB	2017			50/1000 LB			ected in 2017. F				
	Malaria I-4: Malaria test positivity rate (disaggregated by species vivax, 3 falioparum, others)	Ghana	50.00%	2013	Surveitance systems		39%	2015	34%	2016	29%	2017	23.00%	2018						
	Malaria I-3: Inpatient malaria deaths per 100,000 persons per year 4 (disaggregated by sax; age <5, 5+)	Ghana	9	2013	HMIS	Age (<5, 5+)	7.00	2015	6.00	2016	5	2017	4.00	2018						

D. Prog	ram objectives and outcome indicators
Objec	tives:
1	To protect at least 80% of the population with effective relating prevention interventions by 2020
2	To provide parasitological diagnosis to all suspected malaria cases and provide prompt and effective treatment to 100% of confirmed malaria cases by 2020
3	To strengthen and maintain the capacity for programme management, partnership and coordination to achieve malaria programmatic objectives at all levels of the health care system by 2020
4	To strengthen the systems for surveillance and MME in order to ensure timely availability of quality, consistent and relevant malaria data at all levels by 2020
5	To increase swareness and knowledge of the entire population on malaria prevention and control so as to improve uptake and correct use of all interventions by 2020

to objective(s)	Outcome indicator	Country		Baseline		Required disaggregatio				Ti	ergets				Comments
Linked			Value	Year	Source		2015	Report due date	2016	Report due date	2017	Report due date	2018	Report due date	
185	Malaria O-1b: Proportion of children under five years old who slept under an insecticide-treated net" the previous night	Ghana	39.00%	2011	MICS		53%	2015	62%	2017			71%	2019	
185	Malaria O-1c: Proportion of pregnant women who slept under an insecticide-reased net" the previous night	Ghana	32.00%	2011	MICS		48%	2015	59%	2017			69%	2019	The target for 2015 will be from 2014 DHS which is currently ongoing. 2016 and 2018 tergles will be reported from MCS and DHS respectively. No surveys expected in 2017.
1	Mataria O-5: Proportion of households with at least one insecticide- treated net	Ghana	48.90%	2011	MICS		66%	2015	77%	2017			89%	2019	
185	Malaria C-1: Percentage of population in target areas sprayed with indoor residual spraying in the last 12/months	Ghana	90.23%	2013	AGAMAL annual reports		90%	2016	90%	2016	90.00%	2017	90%		is 2015, 141,900 (out of 157,734) households in targeted areas will receive RS.  This all provide protection to 670- of the population in the targeted areas (i.e., 871,071 out of 607,607 population). Similarly, in 2016, 144,906 (out of 151,107) households in the targeted areas will necesive RS. This will provide protection to 90% of the projected population in the targeted area.
285	Malaris O-2b: Percentage under five years old with fever in the last two weeks who receive animalarial treatment according to national policy within 24 hours of onset of fever	Ghana	42%	2011	MICS		45%	2015	64.00%	2017			82%	2019	The target for 2015 will be from 2014 DHS which is currently ongoing. 2016 and 2018 targets will be reported from MCS and DHS respectively. No surveys expected in 2017.

Module 1				Vector cont	rol																				
Coverage/Output Indicator	Responsible Principal Recipient	Is subset of another indicator (when applicable)	Geographic Area (if Sub-national, specify under "Comments")	Cumulation for AFD		Saselin			Required disaggregation	Jan 2015	5 - Jun 2015	Jul 2015	- Dec 2015	Jan 2016	i - Jun 2016	Jul 2016 - I	Targets Dec 2016	Jan 2017	Jun 2017	Jul 2017 - I	Dec 2017	Jan 2018 -	Jun 2018	Jul 2018 - Dec 20	s Commants
					Ne De	%	Year	Source		N#	%	N#	%	N#	%	N #	%	N#	%	N#	%	N#	%	N# %	
VC-1: Number of long-lasting insecticidal rata distributed to al-risk populators through mass campaigns	мон		National	Non- cumulative	12,481,336		2012	Administrative records		2,692,264		5,913,034		1,814,467		2,331,644		۰		۰					Standings of 1 or any 1 Express. This ship is solution comp in MESS patients on the medical of the last per part approach. Express of the of the expression ships compared to the compared to
VC-2: Proportion of population at risk potentially covered by long leating insecticidal nets distributed	мон		National	Currulative		48.9%	2011	MICS (Multiple Indicator Cluster Survey)		9,714,858	92.8%	20,525,908	96.5%	21,459,276 28,596,675	75.0%	25,656,235 28,596,675	89.7%	21,633,418 29,311,592	73.8%	21,633,418	73.8%				Expeditor. Social of the off its question of the company and t
VC-4: Proportion of targeted risk groups receiving long-leating insecticidal-nets	мон		National	Non- cumulative	2617303 2826461	92.6%	2013	Reports (specify)	Targeted risk group			682,734 786,107	÷			2,419,122 2,631,826	91.9%			1,798,993 2,336,208	77.0%				Source will have been control by mol of 2016.  Number of nets distributed through ANC, EP1 and Schools. Source will be operational reports for the achool distribution and DHMs for the EP1 and ANC nets. There will be no achool distribution in the regions when mass campaign has taken place.
VC-4: Proportion of population protected by Indoor Residual Spraying within the last 12 months	Ashanti		Subrestional	Non- cumulative	2401977 2661823	90.2%	2013	Administrative records		871,071 967,857	90.0%			889,008 987,787	90.0%		ĺ	907,324	90%						As per the ETMI gap analysis the total population in read in 2015 is 4020356 of which MSDS45 is to be consent from absolution and other sources. Out of this the ET combustion from absolution is to reach, will be to reach MSTRST in the 10 districts. In 2016, the reset of 1520350 and out which 1720555 is them absolution and other sources. The ET contribution from absolution is to reach SRTRST in the 10 districts.
Please select	Please select	Please select	Please select		ļ			Please select			i		1			ļ	1		1 1		ŀ				
							<b>'</b>	To the second			l	ļ	!		•	l	ļ								
WorkplanTracking Measures																		ı							

Module 2				ase manager	mant.																					
module 2		Is subset of	Geographic	ase manager	TATE.											Ti	irgets									
Coverage/Output indicator	Responsible Principal Recipient	another indicator (when applicable)		Cumulation for AFD		Baselin	10		Required disaggregation	Jan 2015	- Jun 2015	Jul 2015 -	Dec 2015	Jan 2016	Jun 2016	Jul 2016 - Dec	c 2016	Jan 2017 -	Jun 2017	Jul 2017 - I	Dec 2017	Jan 2018	Jun 2018	Jul 2018 -	Dec 2018	Comments
					Ne De	% Year Source		N# D#	%	N#	%	N#	%	N# D#	%	N# D#	%	N# D#	%	N#	%	N#	%			
CM-other 1: Proportion of suspected malaria cases that receive a parastological test at health facilities	мон	CM-1a	National	Cumulative	2,687,390 7,959,521		2013 HMS		3,100,403		8,304,650		3,393,137 4,524,182		8,482,641 11,310,455		3,379,354 4,224,192	1	5,445,354 10,550,480						this will be taken from the DHMal(this may include about 20% of private facility data)	
CM-other 2: Proportion of confirmed malaria cases that received first-line antimalarial treatment according to national policy at health facilities	мон	CM-2n	National	1	1,624,970 1,624,970	7.909.521 33.8% 2013 HMSS 1.024.970 100.0% 2013 HMSS 1.024.970		1,178,153	100.0%	3,155,767 3,155,767	100.0%	1,187,598	100.0%	2.968.994	100.0%	1,081,393	100%	2,703,483 2,703,483	100.0%	ļ.				From the RBM programmatic gap table, % of negative tests in 2015, 2016 and 2017 is about 62%, 65%, and 68%, respectively.		
CM-other 4: Proportion of estimated malaria cases (presumed and confirmed) that received first line anti- mularial treatment at health facilities	мон	CM-2a			5,404,602 7,959,521		2013	HMIS		3,543,317 4,429,147	80.0%	8,858,294	80.0%	2,773,324 4,524,182	61.3%	6932644 11,310,455	61.3%	2,095,199 4,224,192	50%	5,234,023	49.5%					this will be taken from the CHRAI(film may include about 20% of private facility dates). Targets for 2016 and 2017 revised based on the updated (March 2016) gap analysis
		1		1				ļ	·			ļ							.L	J						<u> </u>

Module 3			Specific prev	vention inter	rventions (SPI)																					
		Is subset of	Geographic													1	Targets									
Coverage/Output indicator	Responsible Principal Recipient	another indicator (when applicable)		Cumulation for AFD		Baselin	10		Required disaggregation	Jan 2015	- Jun 2015	Jul 2015 -	Dec 2015	Jan 2016 -	Jun 2016	Jul 2016 - D	ec 2016	Jan 2017 -	Jun 2017	Jul 2017 - I	Dec 2017	Jan 2018 -	Jun 2018	Jul 2018 -	Dec 2018	Comments
					Ne De	%	Year	Source		N#	%	N# D#	%	N# D#	%	N#	%	N# D#	%	N#	%	N# D#	%	N# D#	%	
SPI-1: Proportion of pregnant women attending antenstal clinics who received three or more doses of intermittent preventive treatment (PTp) for malaris		SPI-1		Currulative	360,794 971,294	37.1%	2013	1013 HMIS		184,134 334,790	55%	460,337 836,976	55%	208,298 343,160	60.7%	520,745 857,900	60.7%	287,987 439,674	66%	575,973 879,348	66%					this is line with the MAE plan. Please note the the targets used for quantification in the RBM tool was 60% of begut populations ensure adequate stock levels (the denominators are consistent with the programmic gap stelle, but and country targets even 60% in 2015; 70% in 2016 and 72% in 2017).
	Please select		Please select					Please select							i				i							

Component: Malaria
Country / Applicant: Ghana
Principal Recipient AngloGold Ashanti (Ghana) Malaria Contre
Grant Number: GHA-M-AGAMal

Implementation Period Start Date: 1 March 2015 Implementation Period End Date: 31 December 2017

Grant Currency: USD

### **Budget Summary (in grant currency)**

By Module	Q1 (	Q2	Q3	Q4	Year 1	Q5	Q6	Q7	Q8	Year 2	Q9	Q10	Q11	Q12	Year 3	Total	%
Vector control		600,741	717,973	578,122	8.896.837	541.117	3,576,174	692,362	325,882	5.135.535	4,056,413	2.425.065	640,708	226.895	7.349.081	21.381.453	93%
Program management		167.270	91.451	179,502	438,223	143,552	154,184	150,120	198,633	646,489	138.828	144,319	140.256	171.041	594,444	1,679,156	7%
1 Togram management		101,210	31,431	173,302	400,220	140,002	104,104	130,120	130,000	040,403	130,020	144,010	140,230	171,041	334,444	1,073,130	- 70
Total	7,7	768,011	809,424	757,624	9,335,060	684,669	3,730,357	842,483	524,515	5,782,024	4,195,241	2,569,385	780,964	397,935	7,943,525	23,060,609	100%
•	*	•	*		•		•			•			*		•		
By Cost Grouping	Q1 (	Q2	Q3	Q4	Year 1	Q5	Q6	Q7	Q8	Year 2	Q9	Q10	Q11	Q12	Year 3	Total	%
1.0 Human Resources (HR)	1,7	798,420	440,729	465,976	2,705,124	297,116	1,961,641	451,440	259,980	2,970,176	290,512	2,027,696	447,890	209,348	2,975,446	8,650,746	38%
2.0 Travel related costs (TRC)	2	282,239	101,712	105,638	489,590	76,249	273,590	189,339	68,596	607,774	74,777	272,652	189,579	67,117	604,125	1,701,488	7%
3.0 External Professional services (EPS)	3	387,002	20,429	37,604	445,035	83,781	124,939	124,939	140,457	474,114	25,901	65,614	65,614	64,577	221,708	1,140,857	5%
4.0 Health Products - Pharmaceutical Products (HPPP)																	
5.0 Health Products - Non-Pharmaceuticals (HPNP)	5,0	088,011			5,088,011		1,211,094			1,211,094	3,476,991				3,476,991	9,776,096	42%
6.0 Health Products - Equipment (HPE)		32,465	4,210	23,371	60,046	37,452	5,452	526	789	44,219	20,905	1,315	526	789	23,536	127,801	1%
7.0 Procurement and Supply-Chain Management costs (PSM)		26,526	189,576	5,177	221,280	36,933	36,933	12,711	12,711	99,289	82,251	82,251	12,711	12,711	189,925	510,493	2%
8.0 Infrastructure (INF)		3,134	1,454	5,396	9,984	1,642	3,832	3,832	1,642	10,950	1,642	3,832	3,832	1,642	10,950	31,883	0%
9.0 Non-health equipment (NHP)	1	107,964	31,379	45,408	184,751	73,452	79,820	34,848	25,709	213,830	125,923	83,927	36,924	27,807	274,581	673,162	3%
10.0 Communication Material and Publications (CMP)		5,186	1,608	459	7,254	2,053	12,316	4,105	2,053	20,526	16,317	12,316	4,105	2,053	34,791	62,571	0%
11.0 Programme Administration costs (PA)		37,064	18,328	68,594	123,986	75,991	20,742	20,742	12,578	130,053	80,021	19,781	19,781	11,890	131,474	385,513	2%
12.0 Living support to client/ target population (LSCTP)																	
13.0 Results-based financing (RBF)																	
Total	7.7	768,011	809,424	757,624	9,335,060	684.669	3,730,357	842,483	524,515	5,782,024	4,195,241	2,569,385	780,964	397.935	7,943,525	23.060.609	100%
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By Recipients	Q1 (	Q2	Q3	Q4	Year 1	Q5	Q6	Q7	Q8	Year 2	Q9	Q10	Q11	Q12	Year 3	Total	%
AngloGold Ashanti (Ghana) Malaria Control Limited	7,7	768,011	809,424	757,624	9,335,060	684,669	3,730,357	842,483	524,515	5,782,024	4,195,241	2,569,385	780,964	397,935	7,943,525	23,060,609	100%
Total	7,7	768,011	809,424	757,624	9,335,060	684,669	3,730,357	842,483	524.515	5,782,024	4.195.241	2,569,385	780.964	397.935	7.943.525	23,060,609	100%