

Table 2
President's Malaria Initiative - Uganda
FY 2017 (Updated FEBRUARY 2, 2018)

Proposed Activity	Mechanism			Geographic Area	Description
		Updated Total \$	Commodity \$		
PREVENTIVE ACTIVITIES					
VECTOR MONITORING AND CONTROL					
Entomologic monitoring and insecticide resistance management					
Entomological surveillance and monitoring	PMI VectorLink Project, Abt Assoc.	200,000	20,000	National	Procure entomological supplies and monitor malaria mosquito bionomics in each of four districts, one former IRS, one non-IRS and two IRS districts to include PSCs, light traps, and HLCs monthly. Monitor IRS insecticide decay rates in four IRS districts. Sub-sample mosquitoes for PCR identification to species.
Insecticide resistance monitoring	PMI VectorLink Project, Abt Assoc.	400,000	20,000	National	Alternate yearly monitoring of four of eight eco epidemiological zones to test for insecticide resistance to WHO-recommended IRS insecticides. Include intensity and resistance mechanism testing. Monitor four IRS zone districts to four classes of insecticide along with resistance mechanism and intensity testing of pyrethroid insecticides once a year and procure resistance monitoring supplies.
Subtotal Ento monitoring		600,000	40,000		
Insecticide-treated Nets					
Procurement of ITNs	GHSC - PSM	4,536,000	4,536,000	National	Procurement of 1.575 million ITNs (800,000 for delivery through ANC and EPI; 175,000 school based distribution; and 600,000 facility outreach distribution). Costs include procurement, shipping, transportation, country clearances, and warehousing.
Mixed distribution of ITNs through multiple outlets	MAPD, Malaria Consortium	632,497	0	43 high burden districts in Central, Mid-west, and West Nile regions	Distribution of 1,096,000 ITNs (496,000 ITNs through ANC/EPI; and 600,000 ITNs through facility outreach)
School-based ITN distribution	MAPD, Malaria Consortium	312,000	0	43 high burden districts in Central, Mid-west, and West Nile regions	Distribution of approximately 175,000 ITNs through school-based program pilot
Routine ITN distribution	RHITES-SW, EGPAF	84,000	0	South West	Distribution of 70,000 ITNs through ANC/EPI.
Routine ITN distribution	RHITES-E, Intrahealth	54,375	0	East	Distribution of 45,312 ITNs through ANC/EPI.

Routine ITN distribution	RHITES-EC, URC	146,893	0	East Central	Distribution of 122,410 ITNs through ANC/EPI.
Routine ITN distribution	RHITES-N.Acholi, URC	39,766	0	North Acholi	Distribution of 33,138 ITNs through ANC/EPI.
Routine ITN distribution	RHITES North - Lango, TBD	39,766	0	North Lango	Distribution of 33,138 ITNs through ANC/EPI.
Subtotal ITNs		5,845,297	4,536,000		
Indoor Residual Spraying					
Support for IRS	PMI VectorLink Project, Abt Assoc.	13,073,000	8,500,000	East, East Central, Northern	One round of long lasting indoor residual spraying in nine eastern districts in Uganda, targeting approximately 850,000 structures and three million people. Cost includes all components of IRS: insecticide procurement, IRS equipment and supplies, logistics, environmental assessments, QA monitoring, and SBCC activities specific to IRS.
External environmental compliance assessment	GEMS-II	30,000	0	East, East Central, Northern	External environmental compliance inspection visit
Technical assistance	CDC IAA	29,000	0	National	Two technical assistance visits by CDC entomology staff for planning and monitoring IRS activities. Support includes testing and training for resistance mechanisms and resistance intensity in <i>An. gambiae</i> and <i>An. funestus</i> , training in CDC bottle assays, bionomics studies in IRS and former IRS districts, and mosquito surveillance and resistance training to MoH personnel.
Subtotal IRS		13,132,000	8,500,000		
SUBTOTAL VECTOR MONITORING AND CONTROL		19,577,297	13,076,000		
Malaria in Pregnancy					
Strengthen delivery of comprehensive IPTp services as part of integrated FANC at ANC	MAPD, Malaria Consortium	300,000	0	43 high burden districts in Central, Mid-west, and West Nile regions	Support NMCP and DHTs in the implementation of the new IPTp policy guidelines; training of newly recruited health workers in MIP; support to address barriers in the low IPTp uptake; continuing IPTp focused supportive supervision.
Strengthen delivery of comprehensive IPTp services as part of integrated FANC at ANC	RHITES-SW, EGPAF	18,000	0	South West	Support DHTs in the implementation of the new IPTp policy guidelines; training of newly recruited health workers in MIP; support to address barriers in the low IPTp uptake; continuing IPTp focused supportive supervision.
Strengthen delivery of comprehensive IPTp services as part of integrated FANC at ANC	RHITES-E, Intrahealth	25,560	0	East	Support DHTs in the implementation of the new IPTp policy guidelines; training of newly recruited health workers in MIP; support to address barriers in the low IPTp uptake; continuing IPTp focused supportive supervision.
Strengthen delivery of comprehensive IPTp services as part of integrated FANC at ANC	RHITES-EC, URC	69,052	0	East Central	Support DHTs in the implementation of the new IPTp policy guidelines; training of newly recruited health workers in MIP; support to address barriers in the low IPTp uptake; continuing IPTp focused supportive supervision.
Strengthen delivery of comprehensive IPTp services as part of integrated FANC at ANC	RHITES-N.Acholi, URC	18,694	0	North Acholi	Support DHTs in the implementation of the new IPTp policy guidelines; training of newly recruited health workers in MIP; support to address barriers in the low IPTp uptake; continuing IPTp focused supportive supervision.

Strengthen delivery of comprehensive IPTp services as part of integrated FANC at ANC	RHITES North - Lango, TBD	18,694	0	North Lango	Support DHTs in the implementation of the new IPTp policy guidelines; training of newly recruited health workers in MIP; support to address barriers in the low IPTp uptake; continuing IPTp focused supportive supervision.
Support for comprehensive IPTp services in private sector	UHMG	100,000	0	National	Promote IPTp by training of health workers in small- to medium-sized PFPs in order to promote a comprehensive package of IPTp services. These services will include DOT, early detection of MIP, and encourage regular reporting of services provided.
Subtotal Malaria in Pregnancy		549,999	0		
SUBTOTAL PREVENTIVE		20,127,296	13,076,000		
CASE MANAGEMENT					
Diagnosis and Treatment					
Procurement of RDTs	GHSC - PSM	1,000,000	1,000,000	National	Procure 2 million RDTs (1,800,000 RDTs for PNFP and 200,000 for iCCM in 8 districts).
Procurement of ACTs	GHSC - PSM	2,000,000	2,000,000	National	Procure 1.6 million ACTs (1,475,000 ACTs for PNFP and 125,000 for iCCM in 8 districts).
Strengthen malaria diagnostic capacity in the public sector	MAPD, Malaria Consortium	700,000	0	43 high burden districts in Central, Mid-west, and West Nile regions	Support case management trainings that focus on appropriate diagnosis, QA/QC, and supportive supervision for diagnostics.
Strengthen malaria diagnostic capacity in the public sector	RHITES-SW, EGPAF	147,390	0	South West	Support case management training on appropriate diagnosis and supportive supervision for diagnostics.
Strengthen malaria diagnostic capacity in the public sector	RHITES-E, Intrahealth	241,300	0	East	Support case management training on appropriate diagnosis and supportive supervision for diagnostics.
Strengthen malaria diagnostic capacity in the public sector	RHITES-EC, URC	648,493	0	East Central	Support case management training on appropriate diagnosis and supportive supervision for diagnostics.
Strengthen malaria diagnostic capacity in the public sector	RHITES-N.Acholi, URC	175,083	0	North Acholi	Support case management training on appropriate diagnosis and supportive supervision for diagnostics.
Strengthen malaria diagnostic capacity in the public sector	RHITES-N. Lango, TBD	175,083	0	North Lango	Support case management training on appropriate diagnosis and supportive supervision for diagnostics.
Support improved diagnostics in the private sector (large companies)	Cardo Emerging Markets - PHS Project	160,000	0	East Central	PMI will support training on the use of RDTs, supervision, and quality assurance (for both RDTs and microscopy) in the for-profit corporate private sector through existing partnerships with 18 companies through the 1:1 matching contribution program for malaria.

Strengthening case management in public sector	MAPD, Malaria Consortium	61,027	0	43 high burden districts in Central, Mid-west, and West Nile regions	Strengthening case management, including parasitological diagnosis of uncomplicated and severe malaria in public, and PNFP facilities. Provide supportive supervision, in collaboration with the NMCP and DHMTs, for case management, including in-service training in 43 districts. Includes support for iCCM in 8 districts.
Strengthening case management in public sector	RHITES-SW, EGPAF	120,000	0	South West	Strengthening case management, including parasitological diagnosis of uncomplicated and severe malaria in public, and PNFP facilities. Provide supportive supervision, in collaboration with the NMCP and DHMTs, for case management, including in-service training in the South West district.
Strengthening case management in public sector	RHITES-E, Intrahealth	170,405	0	East	Strengthening case management, including parasitological diagnosis of uncomplicated and severe malaria in public, and PNFP facilities. Provide supportive supervision, in collaboration with the NMCP and DHMTs, for case management, including in-service training.
Strengthening case management in public sector	RHITES-EC, URC	460,347	0	East Central	Strengthening case management, including parasitological diagnosis of uncomplicated and severe malaria in public, and PNFP facilities. Provide supportive supervision, in collaboration with the NMCP and DHMTs, for case management, including in-service training.
Strengthening case management in public sector	RHITES-N.Acholi, URC	124,624	0	North Acholi	Strengthening case management, including parasitological diagnosis of uncomplicated and severe malaria in public, and PNFP facilities. Provide supportive supervision, in collaboration with the NMCP and DHMTs, for case management, including in-service training.
Strengthening case management in public sector	RHITES-N. Lango, TBD	124,624	0	North Lango	Strengthening case management, including parasitological diagnosis of uncomplicated and severe malaria in public, and PNFP facilities. Provide supportive supervision, in collaboration with the NMCP and DHMTs, for case management, including in-service training.
Support private sector providers and their networks to strengthen malaria treatment	UHMG	250,000	0	National	Support private clinics and drug shops including enhanced collaboration between the public sector district health teams with the private sector associations to ensure that health workers and drug owners receive routine supportive supervision for proper clinical care of children with fever.
Monitor drug resistance (efficacy) of antimalarial drugs	MAPD, Malaria Consortium	250,000	0	Three sites	Conduct TES in three sites, with three drugs (including DP) every year.
Technical assistance	CDC IAA	30,000	0	National	3 TDYs for priority focus on case management and iCCM including 1 program review visit.
Subtotal Diagnosis and Treatment		6,838,376	3,000,000		
Pharmaceutical Management					
Strengthen pharmaceutical supply chain management	GHSC - PSM	250,000	0	National	Technical assistance for supply chain management.
Strengthen pharmaceutical supply chain management	MSH - UHSC	300,000	0	National	Technical assistance to forecast national requirements for essential medicines and coordinate national supply plan. Monitor and improve the ordering and distribution system for PMI-procured ACTs and RDTs. TA to strengthen the lower level supply chain. Leverage more than \$5 million from other health funding streams (including PEPFAR) to strengthen the entire supply chain.

Subtotal Pharmaceutical Management		550,000	0		
SUBTOTAL CASE MANAGEMENT		7,388,376	3,000,000		
HEALTH SYSTEM STRENGTHENING / CAPACITY BUILDING					
Capacity building support to NMCP	MAPD, Malaria Consortium	100,000	0	National	To complement DFID capacity building component to NMCP, RBM partnership support, coordination of partners meetings and support to pre-service training through updating pre-service training curriculum to ensure that it reflects the updated malaria treatment guidelines and policies, and strengthening of a forum to share teaching notes across training institutions.
PHFP/FETP	CDC IAA	300,000	0	National	Support training of two new PHFP/FETP students every year to support the NMCP's program planning, management, M&E unit, and strengthening malaria surveillance at the national and subnational levels.
Strengthen human resources for health	Intrahealth - SHRH	200,000	0	National	Strengthening HRH systems for improved health care quality and health workforce management practices at NMCP, DHMTs and facility levels.
Peace Corps	Peace Corps	30,000	0	National	Support placement, training, and small-scale malaria projects for three PCVs and their counterparts at the community level.
SUBTOTAL HSS & CAPACITY BUILDING		630,000	0		
SOCIAL AND BEHAVIOR CHANGE COMMUNICATION					
Comprehensive SBCC in high burden districts	MAPD, Malaria Consortium	300,000	0	43 high burden districts in Central, Mid-west, and West Nile regions	Support comprehensive SBCC for correct and consistent use and care of ITNs, increasing IPTp uptake, and improving early and accurate diagnosis of malaria at facility and community levels.
Comprehensive SBCC in high burden districts	RHITES-E, Intrahealth	19,364	0	East	Support comprehensive SBCC for correct and consistent use and care of ITNs, increasing IPTp uptake, and improving early and accurate diagnosis of malaria at facility and community levels.

Comprehensive SBCC in high burden districts	RHITES-EC, URC	52,312	0	East Central	Support comprehensive SBCC for correct and consistent use and care of ITNs, increasing IPTp uptake, and improving early and accurate diagnosis of malaria at facility and community levels.
Comprehensive SBCC in high burden districts	RHITES-N.Acholi, URC	14,162	0	North Acholi	Support comprehensive SBCC for correct and consistent use and care of ITNs, increasing IPTp uptake, and improving early and accurate diagnosis of malaria at facility and community levels.
Comprehensive SBCC in high burden districts	RHITES-N. Lango, TBD	14,162	0	North Lango	Support comprehensive SBCC for correct and consistent use and care of ITNs, increasing IPTp uptake, and improving early and accurate diagnosis of malaria at facility and community levels.
Comprehensive SBCC in the private sector	UHMG	484,327	0	National	Support SBCC campaign to reinforce the role of small and medium private health providers; work through mass media and interpersonal communication to create demand for malaria prevention and treatment services; improving net use, and promote case management by providers in the iCCM districts.
National level SBCC activities and IPC and social mobilization at lower levels	FHI 360/Communication for Health Commodities	300,000	0	National	Increase adoption of healthy behaviors for malaria prevention and treatment through coordination, revision, and production of essential SBCC materials for districts, and all implementing partners. Strengthen health communication at the national level in addition to limited IPC and social mobilization at lower levels, including in South West region.
SUBTOTAL SBCC		1,184,327	0		
SURVEILLANCE, MONITORING, AND EVALUATION					
Program monitoring and tracking system development at subnational level	MAPD, Malaria Consortium	600,000	0	43 high burden districts in Central, Mid-west, and West Nile regions	Support HMIS at subnational and health facility levels. Support training of the persons involved in collection and analysis of malaria data at the subnational and health facility levels, as well as supportive supervision and data audits for malaria focal persons at the regional and district levels, and for district biostatisticians.
Program monitoring and tracking system development at regional and district levels	RHITES-SW, EGPAF	60,000	0	South West	Support M&E of malaria activities in the South West; specifically data analysis at facility and district levels.
Program monitoring and tracking system development at regional and district levels	RHITES-E, Intrahealth	85,202	0	East	Support M&E of malaria activities in the East; specifically data analysis at facility and district levels.
Program monitoring and tracking system development at regional and district levels	RHITES-EC, URC	230,174	0	East Central	Support M&E of malaria activities in East Central; specifically data analysis at facility and district levels.
Program monitoring and tracking system development at regional and district levels	RHITES-N.Acholi, URC	62,312	0	North Acholi	Support M&E of malaria activities in North Acholi; specifically data analysis at facility and district levels.
Program monitoring and tracking system development at regional and district levels	RHITES-N. Lango, TBD	62,312	0	North Lango	Support M&E of malaria activities in the North Lango; specifically data analysis at facility and district levels.
Program monitoring and tracking system development at the national level	MAPD, Malaria Consortium	250,000	0	National	PMI will continue to support the M&E unit at the NMCP and the HMIS/DHIS2 systems related to malaria to improve their capacity for data collection, analysis, and reporting. Supportive supervision, sustain databases for NMCP to track programmatic progress in key malaria intervention areas.

2018 Malaria Indicator Survey	TBD - MIS	600,000	0	National	Initial funding for 2018 MIS.
Support for USG M&E Systems	QED - the learning contract	50,000	0	National	PMI data collection, dissemination, reporting, DQAs and partner meetings, and track IEC/BCC implementation status.
End-use verification survey	MSH - UHSC	100,000	0	National	Conduct health facility surveys to monitor the availability of key malaria commodities at end user level. Review available data from existing health facility surveys to rationalize the data collected by various partners. Explore the potential for harmonizing the data collection tools and avoid duplicated efforts.
Evaluation of novel facility outreach based distribution approach	MAPD, Malaria Consortium	100,000	0	Select districts	Evaluation of the novel facility outreach distribution approach being piloted in Uganda to ensure it is accomplishing its objectives.
Technical assistance	CDC IAA	20,000	0	National	Two TDYs by CDC staff to provide technical support for SM&E activities including the HMIS.
SUBTOTAL SM&E		2,220,000	0		
OPERATIONAL RESEARCH					
OR study to evaluate an innovative IRS transition strategy	TBD - OR IRS Study	300,000	0	Select districts	PMI will support year one of this pilot research study to assess the impact of two IRS transition strategies on malaria incidence.
SUBTOTAL OR		300,000	0		
IN-COUNTRY STAFFING AND ADMINISTRATION					
CDC	CDC IAA	550,000	0		Management, CDC Resident Advisor's salary.
USAID staffing and administration	USAID	540,000	0		USAID staffing, management, CDC Resident Advisor's ICASS costs.
USAID 2% program development and learning costs	USAID	60,000	0		2% Mission requirement for program development and learning costs based off of total bilateral budget (PMI&DFID) minus 1M backpay from IRS FY2015
SUBTOTAL IN-COUNTRY STAFFING		1,150,000	0		
GRAND TOTAL		32,999,999	16,076,000		