

SUDAN COVAX TA PLAN				Milestones						Budget for 2020	
Country	Programmatic Area	Activity	Partner	January 2021	March 2021	June 2021	November 2021	Expected Duration of Activity	Expected Outcome	Please specify detailed budget assumptions including 1. FTEs of proposed consultants, where applicable - this should reconcile with the HR profile on the next page	TOTAL
Sudan	Vaccine, Cold Chain & Logistics	H.1 Establish/strengthen the National Logistics Working Group (NLWG) with appropriate terms of reference and standard operating procedures to coordinate COVID-19 vaccines and ancillary products deployment; and the NLWG will develop the COVAX logistics plan	UNICEF	National logistics working group with appropriate terms of reference and standard operating procedures to coordinate COVID-19 vaccines and ancillary products deployment established	A logistics plan (including distribution plans) for the COVAX deployment is developed			more than 3 months	The logistics part of the Vaccine deployment plan is completed on time	Cost of two workshops to review existing logistic committees' TOR and finalize aligned TOR for one National Logistic Working Group \$7000 for each workshop. Support monthly and ad hoc meetings to develop and endorse vaccine and cold chain deployment plan (6 persons* 2 meetings/week* 12 weeks*\$50). Two more workshops to align the national COVID logistics plan (\$3,000 for each)	\$414,806.40
Sudan	Vaccine, Cold Chain & Logistics	H.2 Map key roles and responsibilities needed for vaccine and ancillary products deployment; collect and confirm contact information for key personnel and facilities	UNICEF					1-2 months	A repository of key stakeholders that will be contributing to the COVAX vaccine deployment, detailing their roles and responsibilities as well as their comparative advantages, are identified	National consultant cost at NOB level for one month (\$4000) to map partners and develop key roles and responsibilities and detailed contact and coordination mechanism in addition to travel cost to the field levels to states with potential risk-refresher cost for one day work shop for stakeholders to endorse the plan (4,000 USD consultant fees for one month, 3000 for workshop cost+2,400 travel cost for the key participants)	
Sudan	Vaccine, Cold Chain & Logistics	H.3 Map the potential points of entry, points of storage (stores), and fallback facilities in the country with their respective cold chain storage (2-8C, -20C, -60/70C) and transportation capacity for vaccines and ancillary products	UNICEF	Potential points of entry, points of storage (stores), and fallback facilities in the country with their respective cold chain storage and transportation capacity for vaccines and ancillary products are mapped.				1-2 months	Vaccines and related supplies delivered safely	National Consultant at NOC level for 2 months (4,000 USD/month). Conduct engagement workshop for 30 stakeholders at national and state levels (3 days* 100\$ non resident) = 14,400\$. Travel cost 15,000\$	
Sudan	Vaccine, Cold Chain & Logistics	H.4 Assess dry storage and cold chain capacity, including completing the CCE sizing tool to identify critical gaps at all levels with regards to the COVID-19 vaccines characteristics and help to inform addressing of the identified supply and logistics gaps	UNICEF		Dry storage and cold chain capacity at all levels with regards to the COVID-19 vaccines characteristics are assessed and supply and logistics gaps are identified			1-2 months		Dry and cold chain storage capacity are enhanced to accommodate the additional needs for COVAX	
Sudan	Vaccine, Cold Chain & Logistics	H.7 Update vaccine stock management tools and operating procedures to reflect the characteristics of COVID-19 vaccines (i.e. vial size, VVM, ...)	UNICEF		Vaccine stock management tools and operating procedures to reflect the characteristics of COVID-19 vaccines (i.e. vial size, VVM, ...) updated			more than 3 months	The specific COVAX needs are fully reflected in all guidelines, tools and SOPs	National consultant NOB level to review and update stock management tools to reflect COVID vaccine for six months (consultant fees 3,500\$/month=21,000USD). \$ 2000 for travel	
Sudan	Demand Generation & Communication	J.2 Establish data collection systems, including 1) social media listening and/or management, and 2) assessing behavioral and social data	UNICEF	Data collection systems, including 1) social media listening and/or management, and 2) assessing behavioral and social data established.				more than 3 months	Data on the community, service providers and stakeholders' knowledge and perceptions around the vaccine collected and analyzed to inform the design and planning of activities and programme interventions.	Institution Contract: A research institute will be contracted for 6 months (Fees = 15,000USD * 6 months = 90,000 USD) in order to carry out data collection through various means to establish an accurate database on which informed interventions and activities can be formulated. Data will focus on knowledge around the Covid-19 pandemic, community perceptions, stigma and denial	
Sudan	Demand Generation & Communication	J.1 Design a demand plan (includes advocacy, communications, social mobilization, risk and safety comms, community engagement and training) to generate confidence, acceptance and demand for COVID-19 vaccines. Must include a crisis communications preparedness planning	UNICEF		Demand plan (includes advocacy, communications, social mobilization, risk and safety comms, community engagement and training) designed			more than 3 months	Communities sensitized on the vaccine and issues around acceptance and refusal adequately addressed. Advocacy both at decision making and community level conducted	level will be contracted for 6 months (consultancy fees = 3,000USD * 6 months = 18,000 USD). The consultant will design the demand plan to include development of all advocacy materials, the communication plan and design and facilitate implementation of social mobilization activities and acceptance and refusal adequately addressed. Training of TOT on Social mobilization and community engagement interventions (40 persons * 145 * 3 times + 20 persons * 18	
Sudan	Demand Generation & Communication	J.3 Develop key messages and materials for public communications and advocacy, in alignment with demand plan	UNICEF		Required document for custom and health clearance of COVID 19 vaccine and related devices available and vaccine transported safely to the central vaccine store			more than 3 months	Messages developed and production completed to include a variety of formats such as TV and Radio, episodes, videos, printed material, jingles and songs.	Institution Contract: An institution will be contracted for 3 months (Fees = 15,000USD * 3 months = 45,000USD) for development and production of messages in the form of videos, jingles, radio and TV episodes	
Sudan	Vaccine, Cold Chain & Logistics	AV1 all the required shipping document required for custom and NMRP clearance and support clearance and vaccine transportation from airport to national central vaccine store	UNICEF					more than 3 months	Vaccine received smoothly and safely in the country	Cost of custom clearance of vaccine and other devices and transportation from port of entry to federal EPI store	
Sudan	Training & Supervision	TOF of state EPI officers and cold chain managers on Effective management of COVID 19 vaccine and its ancillary products	UNICEF					0.1 month	State EPI and vaccine/cold chain managers are equipped to appropriately manage COVID 19 vaccine and its ancillary products	TOF implemented	
Sudan	Planning & Coordination	A.5 Inform regularly & disseminate global and regional guidance (i.e. SAGE) with NITAGs & RITAGs and support NITAG working groups on COVID-19 vaccines	WHO	Global and regional guidance disseminated to NITAGs & RITAGs and NITAG working groups on COVID-19 vaccines.	TORs for Covid-19 NITAG revisited and the needed member identified and added, including roles and responsibilities and meetings schedule finalized with MoH sign-off.	Briefing schedule for key ministers, NITAG, stakeholders and partners developed and followed.		more than 3 months	COVID vaccine introduction	15 participants* 2 meetings per month for 6 months = 36 \$ per meeting	
Sudan	Planning & Coordination	A.2 Establish (or engage an existing working group) a National Technical Working Group (NTWG) for COVID-19 vaccine introduction with terms of reference, roles and responsibilities and regular meetings	WHO	TORs for Covid-19 NTWG including roles and responsibilities and meetings schedule finalized with MoH sign-off		NTWG subcommittees formulated for the following workstreams: 1) service delivery 2) vaccine, cold chain & logistics, 3) demand generation & communication (4) prioritization, targeting and COVID-19 surveillance, (5) Monitoring and Evaluation; determination and proof of eligibility, proof of vaccination, monitoring of coverage among at-risk groups, and monitoring of vaccine impact (6) Safety, including injury prevention and AEFI detection and response, established or if pre-existing, engaged		more than 3 months	National technical committee functioning	15 persons* meeting/week* 24 weeks*\$26	
Sudan	Planning & Coordination	A.3 Establish or engage existing NTWG subcommittees, if required to cover the following workstreams: 1) service delivery 2) vaccine, cold chain & logistics, 3) demand generation & communication (4) prioritization, targeting and COVID-19 surveillance, (5) Monitoring and Evaluation; determination and proof of eligibility, proof of vaccination, monitoring of coverage among at-risk groups, and monitoring of vaccine impact (6) Safety, including injury prevention and AEFI detection and response	WHO			NTWG subcommittees formulated for the following workstreams: 1) service delivery 2) vaccine, cold chain & logistics, 3) demand generation & communication (4) prioritization, targeting and COVID-19 surveillance, (5) Monitoring and Evaluation; determination and proof of eligibility, proof of vaccination, monitoring of coverage among at-risk groups, and monitoring of vaccine impact (6) Safety, including injury prevention and AEFI detection and response, established or if pre-existing, engaged		more than 3 months	policies, strategies and plans for different sections of vaccine deployment plan and regulatory pathway were discussed, agreed on and developed to feed in NVDP	6 subcommittees, 6 persons/subcommittee* meeting/week* 24 weeks*\$26	
Sudan	Planning & Coordination	A.6 Develop the National Deployment and Vaccination Plan (NDVP) with input from relevant bodies (National COVID-19 Response Coordinating Committee, CNCC, CTWG, NITAG, National Immunization Programme, National Regulatory Authority, AEFI committee and other relevant groups such as private sector). The NDVP should be in line with WHO guidance and SAGE recommendations (plan can be developed by adapting the Pandemic Influenza NDVP, if existing).	WHO	NDVP developed with input from relevant bodies (National COVID-19 Response Coordinating Committee, CNCC, CTWG, NITAG, National Immunization Programme, National Regulatory Authority, AEFI committee and other relevant groups such as private sector), in line with WHO guidance and SAGE recommendation	Government signature for legal agreement for receiving Covid-19 vaccines received and prepared for	National vaccine access/procurement approach identified and planned for, and the relevant paper work is completed		more than 3 months	Vaccine deployment plan and vaccine request application developed	one national consultant at NOB level for three months (3000\$ month), support technical committee for support approval and development of NDVP (5 persons*\$26/day*5 days) consecutively/workshop =10000\$	
Sudan	Regulatory Aspects	C.2 Ensure the national regulator or authority has clarified the requirements and documents needed for regulatory approvals of COVID-19 vaccines	WHO	Expedited import approval/waiver from appropriate authorities identified and confirmed with WHO	guidelines for postmarketing surveillance developed			more than 3 months	Regulatory approval for COVID 19 vaccine granted	One national consultant at NOB level for three months (3000\$ month), support technical committee for support approval and development of post-marketing surveillance tools (10 persons*\$26/day*10 days) Training on the post-marketing surveillance tools developed (training workshop =15000\$)	
Sudan	Service Delivery	E.2 Identify potential COVID-19 vaccine delivery strategies leveraging both existing vaccination platforms and non-vaccination delivery approaches to best reach identified target groups	WHO	Master list and strategy of service providers for effectively delivering COVID-19 vaccine to various target populations delivered	Plans for safeguarding the security of staff (e.g. during an emergency or major campaign) as well as security at the central and/or regional storage facilities and for in-transit of products developed	Potential COVID-19 vaccine delivery strategy identified to best reach target groups.		more than 3 months	Risk target group identified, microplans and strategies for vaccination agreed on. Vaccination of the identified risk group completed	technical committee (20 persons*3 meeting/week* 8 weeks*\$10\$)	
Sudan	Service Delivery	E.1 Update protocols for infection prevention and control measures including adequate personal protection equipment (PPE) to minimize exposure risk during immunization sessions	WHO	Plans for safeguarding the security of staff (e.g. during an emergency or major campaign) as well as security at the central and/or regional storage facilities and for in-transit of products developed				more than 3 months	IPC measures for immunization service secured	Development of the IPC materials (\$10000).	

Sudan	Training & Supervision	F.1 Develop a training plan to prepare for COVID-19 vaccine introduction that includes key groups of participants, content topic areas, key training partners and training methods (in-person or virtual). WHO will provide a template for guidance	WHO	Training materials developed by Who adapted and translated, as well as additional training materials developed as required	Trainings conducted as per the training plan	more than 3 months	training materials developed and trainings conducted as per phases of the vaccine deployment	The National consultant for the NVCP will develop the training material and the vaccine application = 0
Sudan	Safety Surveillance	L.1 Ensure that guidelines, documented procedures and tools for planning and conducting vaccine pharmacovigilance activities (i.e. AEFI reporting, investigation, causality assessment, risk communication and response) are available	WHO	Guidelines, documented procedures and tools for planning and conducting vaccine pharmacovigilance activities (i.e. AEFI reporting, investigation, causality assessment, risk communication and response) are made available.		1-2 months	AEFI and post marketing surveillance guidelines, tools and procedures developed	Technical committee to develop AEFI tools and procedures (persons*2meetings/week*12 weeks*50\$
Sudan	Safety Surveillance	L.5 Plan active surveillance of specific COVID-19 vaccine related adverse events. If this is not possible, develop provisions that allow reliance on active surveillance data, decisions, and information from other countries or regional or international bodies	WHO	AEFI committee to review COVID-19 Vaccine safety data (e.g., causality assessment of serious AEFI, clusters of AEFI, emerging safety concerns etc.) is trained.	Provisions that require manufacturers to implement risk management plans and collect and report COVID-19 vaccine safety data to the NQA are identified.	more than 3 months	Functioning AEFI surveillance system in place	Travelling cost for subnational traveling for training. Monitoring and supervision (25000), AEFI committee meetings (15 persons*90\$*6 meetings). Train core medical staff at states HFs
Sudan	Safety Surveillance	L.2 Assure competent and trained staff to perform vigilance activities	WHO	Competent and trained staff to perform vigilance activities	Competent and trained staff to perform vigilance activities	more than 3 months	Functioning AEFI surveillance system in place	Trained Core medical staff at states HFs
Sudan	Safety Surveillance	L.3 Expedite training the AEFI committee to review COVID-19 Vaccine safety data (e.g., causality assessment of serious AEFI, clusters of AEFI, emerging safety concerns etc.) is trained.	WHO	AEFI committee to review COVID-19 Vaccine safety data (e.g., causality assessment of serious AEFI, clusters of AEFI, emerging safety concerns etc.) is trained.	AEFI committee to review COVID-19 Vaccine safety data (e.g., causality assessment of serious AEFI, clusters of AEFI, emerging safety concerns etc.) is trained.	more than 3 months	Functioning AEFI surveillance system in place	20 persons*1-24 weeks*50\$, Travel \$17500, workshop \$25000
Sudan	Monitoring & Evaluation	G.2 Develop or adapt necessary monitoring tools or adapt existing tools: vaccination card/certificate - facility-based nominal registers and/or tally sheets, vaccination reports (paper and/or electronic) and analytical tools to monitor progress and coverage among different at-risk categories	WHO	Necessary monitoring tools developed or existing tools (vaccination card/certificate - facility-based nominal registers and/or tally sheets, vaccination reports (paper and/or electronic) adapted and analytical tools to monitor progress and coverage among different at-risk categories developed.	Monitoring tools produced and distributed to eligible vaccination providers.	more than 3 months	Registration and monitoring tools developed, coverage quarterly reports prepared and shared with partners	M&E committee meetings (8 persons*3 meeting/week* 9 weeks*26\$)
Sudan	Monitoring & Evaluation	G.1 Develop or adapt existing surveillance and monitoring framework with a set of recommended indicators (coverage, acceptability, disease surveillance etc.) for COVID-19 vaccine. Determine whether registration and reporting will be individual or aggregate, and to what extent existing tools and systems can be re-used	WHO	Existing surveillance and monitoring framework with a set of recommended indicators (coverage, acceptability, disease surveillance etc.) for COVID-19 vaccine developed or adapted.		more than 3 months	Functional surveillance system in place	Technical committee to develop surveillance tools and guidelines, (persons*2meetings/week*12 weeks*26\$+ consensus workshop
Sudan	Monitoring & Evaluation	G.3 Produce and distribute monitoring tools to eligible vaccination providers, develop, test and roll-out any changes to electronic systems, provide training for use of these tools and processes to traditional and new providers	WHO	Monitoring tools produced and distributed to eligible vaccination providers	Monitoring tools produced and distributed to eligible vaccination providers	more than 3 months	Functioning efficient and effective monitoring tools in place	Technical committee to develop surveillance tools and guidelines, (persons*2meetings/week*12 weeks*26\$+ 30 participants/session
Sudan	Prioritization, Targeting & Covid-19 Surveillance	D.2 Estimate potential numbers of target populations that will be prioritized for access to vaccines stratified by target group and geographic location, i.e. prepare list to define, identify and estimate no. of HCWs	WHO	Ensure relevant epidemiological data is collected in coordination with national COVID-19 disease surveillance group.	Estimates of potential numbers of target populations that will be prioritized for access to vaccines stratified by target group and geographic location, i.e. prepare list to define, identify and estimate no. of HCWs are available.	more than 3 months	Target group identified and regularly updated based on the monitoring of the epidemiological data	National consultant at NOB level for 6 months(\$3500*6 months*). Travelling subnational \$10000
Sudan	Planning & Coordination	Subnational COVAX committee	WHO	Support the subnational COVAX activities	Support the subnational COVAX activities	more than 3 months	Strengthen COVAX activities at field level	10 person*2 meetings/month*6 months*18 states*10\$ refreshments
Sudan	Planning & Coordination	Orientation of Professional associations	WHO	Orientation workshops	Orientation workshop	3-2 months	All associations of targeted groups have been oriented	100 person) workshop, 1500\$/week*2workshops
Sudan	Planning & Coordination	Develop states and locality microplans	WHO	Develop and approve microplans		0-1 month	Development of guidelines, quality microplans in place	National consultant at NOB (6months*500\$ per month), supportive supervision 19000\$, 2 persons*5days*18 states*50\$ per day) states for quality microplan for 18 states
Sudan	Planning & Coordination	Revision and approval of micro plan	WHO	National workshop to review and approve microplan		1-2 months	approved microplans achieved	(persons*18 states*5days*50 \$ workshop
Sudan	Monitoring & Evaluation	Develop supervisory checklists for the new vaccine and intensive supportive supervision to states and locality	WHO	Develop the supervisory checklist	Conduct intensive supportive supervision to states	more than 3 months	support the states and locality capacity regarding COVAX	2 persons* 7 days * 50\$ * 18 states * 2 time visit

