


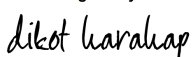
<b>Project</b>	<b>#00106768</b> Health Governance Initiative (HEART)
<b>Output</b>	<b>#00107345</b> (PIP - Increased government capacity on health policy development) <b>#00108050</b> (PIP - Institutional strengthening government and non-government) <b>#00119508</b> (Strengthened national policy and institutional environment) <b>#00119509</b> (Resp. Procurement) <b>#00126904</b> (TA MTC ATM in Indonesia) <b>#00127136</b> (TAA The Global Fund for AIDS, TB, and Malaria) <b>#00129920</b> (The CDS Early Access Window For Urgent Vaccine Delivery Needs And Scale-Up Preparations For Covid-19 Vaccines Received Through The Covax Facility) <b>#00130203</b> (Amendment No. 1 of TAA for the Implementation of the Global Fund Tuberculosis Program) <b>#00130379</b> (Amendment No. 1 of TAA for the Implementation of the Global Fund Malaria Program) <b>#00130535</b> (Enhancing Supply Management System for Vaccination in Responding Pandemic in Indonesia)


## BUDGET REVISION 2022

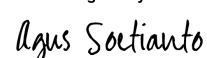
Health Governance Initiative (HEART)


1. Linda Hartono, Head of FRMU for clearance .....  

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2. Dikot Harahap, Head of QARE for clearance .....  

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3. Siprianus Bate Soro, Head of DGPRU for clearance .....  

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4. Agus Soetianto, National Technical Specialist HEART for clearance .....  

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5. Prepared by Mutiara Tambunan, Budget Mgmt Assoc – HEART .....  

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### Note:

This is Budget Revision 2022 to rephase remaining fund FY 2021 and fund transferred from various donor to implement FY 2022 activities with the total budget become **USD 27,222,870.27**, reflecting the statement in excel file on brief description of Year 2022 Work Plan for HEART project.



GOVERNMENT OF INDONESIA  
UNITED NATIONS DEVELOPMENT PROGRAMME  
Project Budget

Award ID: 00106768  
Award Title: Health Governance Initiative (HEART)

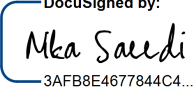
Award & Project Numbers:		
Award#	Project#	Title
00106768	00107345	PIP - Increased government capacity on health policy development
	00108050	PIP - Institutional strengthening government and non-government
	00119508	Strengthened national policy and institutional environment
	00119509	Resp. Procurement
	00126904	TA MTC ATM in Indonesia
	00127136	TAA The Global Fund for AIDS, TB, and Malaria
	00129920	The CDS Early Access Window For Urgent Vaccine Delivery Needs And Scale-Up Preparations For Covid-19 Vaccines Received Through The Covax Facility
	00130203	Amendment No. 1 of TAA for the Implementation of the Global Fund Tuberculosis Program
	00130379	Amendment No. 1 of TAA for the Implementation of the Global Fund Malaria Program
	00130535	Enhancing Supply Management System for Vaccination in Responding Pandemic in Indonesia

Actual/Planned Budget Totals by Year in US Dollars								
Project Years -->	2018	2019	2020	2021		2022	2023	Total Budget
Project #	Expenditures	Expenditures	Expenditures	Expenditures	Commitment	Budget	Budget	
00107345	158,546.44	280,812.81	(8.58)	(604.76)	-	-	-	438,745.91
00108050	307,640.69	580,847.21	83.88	(67.80)	-	-	-	888,503.98
00119508	-	-	69,940.85	28,385.45	-	-	-	98,326.30
00119509	-	-	2,072,763.76	2,857,106.02	907,733.13	309,817.25	-	6,147,420.16
00126904				192,022.14	10,607.19	317,230.92	-	519,860.25
00127136				553,105.35	92,670.81	-	-	645,776.16
00129920						3,050,000.00	-	3,050,000.00
00130203						20,073,332.97		20,073,332.97
00130379						2,749,138.13		2,749,138.13
00130535						723,351.00	193,406.00	916,757.00
Total Gross Budget	466,187.13	861,660.02	2,142,779.91	3,629,946.40	1,011,011.13	27,222,870.27	193,406.00	35,527,860.86

Start Year:	2018	Budget Financing (in US\$)			
End Year:	2024	INPUTS	PREVIOUS REV	CURRENT REV	VARIATION
		UNDP			
		04000 - TRAC 1	41,055.84	41,055.84	-
		04010 - TRAC 2	166,344.07	166,344.07	-
		11854 - The Australian DFAT	1,126,462.11	1,356,168.51	229,706.40
		00132 - Government of Indonesia (GFATM)	5,850,321.62	27,549,099.12	21,698,777.50
		11536 - TB Care 'Aisyyiah	82,477.32	82,477.32	-
		12149 - GAVI	2,365,959.00	5,415,959.00	3,050,000.00
		00141 - JSB	-	916,757.00	916,757.00
		TOTAL	9,632,619.96	35,527,860.86	25,895,240.90
Executing Agent	DIM				

Brief Description:

Budget revision under Health Governance Initiative Project is prepared :
- To adjust budget under output #119509 donor GAVI in 2022 from USD 48,992 become USD 267,020 to be in-line with the available remaining balance from FY 2021 and to adjust budget in FY 2022 donor Global Fund amounting to USD 42,797.12
- To adjust budget under output #126904 donor DFAT in 2022 from USD 50,173.85 become 317,230.92 to be in-line with the available remaining budget from FY 2021 and fund transferred for FY 2022 from donor amounting to USD 229,706.4
- To include new funding FY 2022 from donor Gavi amounting to USD 3,050,000 under output #129920, and donor JSB in output #130535 amounting to USD 916,757.
- To adjust funding from donor GOI - GFATM become USD 27,549,099.15 due to new funding received for FY 2022 and to rephase remaining balance from previous TAAs (2018-2020)
- AWP 2022 will be discussed in the next Project Board Meeting which will be held on 18 April 2022

Approved by:	Signature:	Name/Title:
UNDP	<div>DocuSigned by:  3AFB8E4677844C4...</div>	Nika Saeedi Deputy Resident Representative, a.i.

MULTI-YEAR WORK PLAN

Award/Project ID : 00106768 / Output ID: 00119509, 00126904, 00127136, 00129920, 00130203, 00130379  
Project Name : Health Governance Initiative (HEART)  
Responsible Party : UNDP  
Beneficiaries : Ministry of Health  
Date : 1 January 2022 - 31 December 2022

EXPECTED OUTPUTS	PLANNED ACTIVITIES	Budget Revision	RESPONSIBLE PARTY	PLANNED BUDGET			
				Budget Description			
		2022		Funding Source	Description	Account Code	Amount Revision
Output (00119509):  By 2021, the performance of select procurement, supply chains and programmes is improved and positively impacts coverage of services	4.1 Activity:						
	Provide technical assistance for pharmaceutical procurement and supply chains policy implementation using appropriate information technology						
	Facilitate provision of innovative solutions to transform logistics, information and supply chains systems and management for ATM						
	ISS	5,773	UNDP	GAVI	ISS	64300	5,773
	Contractual Services	74,200	UNDP	GAVI	Contractual Services	71400	74,200
	UN Volunteers	1,000	UNDP	GAVI	UN Volunteers	71500	1,000
	Travel	2,500	UNDP	GAVI	Travel	71600	2,500
	Grant	22,500	UNDP	GAVI	Grant	72600	22,500
	Information Technology Equipmt	135,267	UNDP	GAVI	Information Technology Equipmt	72800	135,267
	Miscellaneous Expenses	6,000	UNDP	GAVI	Miscellaneous Expenses	74500	6,000
	Facilities & Administration	19,780	UNDP	GAVI	Facilities & Administration	75100	19,780
					TOTAL		267,020
	4.2 Activity:						
	Provide technical assistance to improve national program of AIDS, TB, and Malaria implementation performance benefitting both women and men						
	ISS	15,000.00	UNDP	GF - GOI	ISS	64300	15,000.00
	Contractual Services	1	UNDP	GAVI	Contractual Services	71400	1
	Miscellaneous Expenses	7,500.00	UNDP	GF - GOI	Miscellaneous Expenses	74500	7,500.00
	Facilities & Administration	20,296.25	UNDP	GF - GOI	Facilities & Administration	75100	20,296.25
					TOTAL		42,797.25
	Sub-Total Output 00119509	309,817.25					309,817.25



EXPECTED OUTPUTS	PLANNED ACTIVITIES	Budget Revision	RESPONSIBLE PARTY	PLANNED BUDGET				
		2022		Funding Source	Budget Description			
					Description	Account Code	Amount Revision	
	Facilities & Administration	6,415	UNDP	GAVI	Miscellaneous Expenses	74500	6,415	
	Local Consultants	33,792.00	UNDP	GAVI	Facilities & Administration	75100	33,792	
	TOTAL						500,000.00	
	1.3.1 Activity:							
	CBA Study							
	ISS	1,334	UNDP	GAVI	ISS	64300	1,334	
	Grants	35,132.00	UNDP	GAVI	Grants	72600	35,132	
	Miscellaneous Expenses	571	UNDP	GAVI	Miscellaneous Expenses	74500	571	
	Facilities & Administration	2,963	UNDP	GAVI	Facilities & Administration	75100	2,963	
	TOTAL						40,000.00	
	1.3.2 Activity:							
	Technical Assistance, Visit, Workshop							
	ISS	7,333	UNDP	GAVI	ISS	64300	7,333	
	Travel	58,228.00	UNDP	GAVI	Travel	71600	58,228	
	Miscellaneous Expenses	3,143	UNDP	GAVI	Miscellaneous Expenses	74500	3,143	
	Facilities & Administration	16,296	UNDP	GAVI	Facilities & Administration	75100	16,296	
	Training, Workshops and Confer	135,000	UNDP	GAVI	Training, Workshops and C	75700	135,000	
	TOTAL						220,000.00	
	1.3.3 Activity:							
	E-learning, Communication Strategy							
	ISS	3,000	UNDP	GAVI	ISS	64300	3,000	
	Audio Visual & Print Prod Costs	79,047	UNDP	GAVI	Audio Visual & Print Prod	74200	79,047	
	Miscellaneous Expenses	1,286	UNDP	GAVI	Miscellaneous Expenses	74500	1,286	
	Facilities & Administration	6,667.00	UNDP	GAVI	Facilities & Administration	75100	6,667	
	TOTAL						90,000.00	
		Sub Total Output 00129920	3,050,000.00				3,050,000.00	
	Output : (00130203) Amendment No. 1 of TAA for the Implementation of the Global Fund Tuberculosis Program	1.1.1 Activity:						
		Team Leader & TA Finance Team						
		Contractual Services - Individ	145,311	UNDP	GF - GOI	Contract Companies	71400	145,311
		TOTAL						145,311.00
		2.2.1 Activity:						
		Software implementation						
		Contract Companies	20,226.00	UNDP	GF - GOI	Contract Companies	72100	20,226
		Rental & Maint of Info Tech Eq	45,300.47	UNDP	GF - GOI	Rental & Maint of Info Tec	73300	45,300
Sub Total						65,526.47		
2.2.2 Activity:								
Hardware infrastructure								
Communic & Audio Visual Equip		12,542.00	UNDP	GF - GOI	Communic & Audio	72400	12,542	
Acquis of Computer Software		113,198.00	UNDP	GF - GOI	Acquis of Computer	72800	113,198	
Rental & Maint of Info Tech Eq		1,333.06	UNDP	GF - GOI	Rental & Maint of Info Tec	73300	1,333	
Sub Total						127,073.06		
2.2.3 Activity:								
FMIS training to SRs of PR Mal MOH and join field visit with UNDP FMTA team								
Travel		15,600.14	UNDP	GF - GOI	Travel	71600	15,600	
Training, Workshops and Confer		258,942.00	UNDP	GF - GOI	Training, Workshops and C	75700	258,942	
Sub Total						274,542.14		
TOTAL						467,141.67		
3.1 Activity:								
HR Team (for finalization of SOP HR & set-up payroll in the FMIS for ATM)								
Contractual Services - Individ		38,661.60	UNDP	GF - GOI	Contractual Services -	71400	38,662	
Rental & Maint of Info Tech Eq		2,100.00	UNDP	GF - GOI	Rental & Maint of Info Tec	73100	2,100	
TOTAL						40,761.60		
4.1 Activity:								
International Leadership and Management Training								
Training, Workshops and Confer		24,500.00	UNDP	GF - GOI	Training, Workshops and C	75700	24,500	



EXPECTED OUTPUTS	PLANNED ACTIVITIES	Budget Revision	RESPONSIBLE PARTY	PLANNED BUDGET			
		2022		Funding Source	Budget Description		
					Description	Account Code	Amount Revision
	TOTAL					24,500.00	
	4.2 Activity:						
	Study Visit (Program Development and Perfo)						
	Travel	20,500.00	UNDP	GF - GOI	Travel	71600	20,500
	TOTAL					20,500.00	
	5.1 Activity:						
	Procurement and Logs Coordinator						
	Contractual Services - Individ	38,436.00	UNDP	GF - GOI	Materials & Goods	71400	38,436
	Sub Total					38,436.00	
	6.1 Activity:						
	Lab Capacity Development in Genomic Squencing						
	Materials & Goods	7,324,806.00	UNDP	GF - GOI	Materials & Goods	72300	7,324,806
	Sub Total					7,324,806.00	
	6.2 Activity:						
	Health Service Readiness						
	Materials & Goods	10,657,340.00	UNDP	GF - GOI	Materials & Goods	72300	10,657,340
	Sub Total					10,657,340.00	
	7 Activity:						
	Project Management						
	Contractual Services - Individ	41,328.00	UNDP	GF - GOI	Contractual Services -	71400	41,328
	Facilities & Administration	1,313,208.70	UNDP	GF - GOI	Facilities & Administration	75100	1,313,209
	TOTAL					1,354,536.70	
	Sub Total Output 00130203	20,073,332.97				20,073,332.97	
Output : (00130379) Amendment No. 1 of TAA for the Implementation of the Global Fund Malaria Program	1.1.1 Activity:						
	Team Leader & TA Finance Team at PR Malaria MOH						
	Contractual Services - Individ	132,039	UNDP	GF - GOI	Contractual Services -	71400	132,039
	TOTAL					132,039.00	

EXPECTED OUTPUTS	PLANNED ACTIVITIES	Budget Revision	RESPONSIBLE PARTY	PLANNED BUDGET			
				Budget Description			
		2022		Funding Source	Description	Account Code	Amount Revision
Program							
	2.2.1 Activity:						
	Software implementation						
	Contractual Services - Individ	24,400	UNDP	GF - GOI	Contractual Services -	71400	24,400
	Training, Workshops and Confer	50,333.87	UNDP	GF - GOI	Training, Workshops and C	75700	50,334
					Sub Total		74,733.87
	2.2.2 Activity:						
	Hardware infrastructure						
	Acquis of Computer Software	15,542.33	UNDP	GF - GOI	Acquis of Computer	72800	15,542
					Sub Total		15,542.33
	2.2.3 Activity:						
	FMIS training to SRs of PR Mal MOH and join field visit with UNDP FMTA team						
	Travel	28,800.00	UNDP	GF - GOI	Travel	71600	28,800
	Training, Workshops and Confer	81,239.69	UNDP	GF - GOI	Training, Workshops and C	75700	81,240
					Sub Total		110,039.69
					TOTAL		200,315.89
	3.1 Activity:						
	HR Team (for finalization of SOP HR & set-up payroll in the FMIS for ATM)						
	Contractual Services - Individ	27,000	UNDP	GF - GOI	Contractual Services -	71400	27,000
					TOTAL		27,000.00
	4.2 Activity:						
	Project Manamegement meeting/workshop (IT, Audit, HR, reporting)						
	Training, Workshops and Confer	5,000.00	UNDP	GF - GOI	Training, Workshops and C	75700	5,000
					TOTAL		5,000.00
	6.1 Activity:						
	Slide standards and Malaria diagnosis laboratory systems						
	Materials & Goods		UNDP	GF - GOI	Materials & Goods	72300	-
	Acquis of Computer Software		UNDP	GF - GOI	Acquis of Computer	72800	-
					Sub Total		-
	6.3 Activity:						
	Health Management Information System						
	Contractual Services - Individ	29,647.40	UNDP	GF - GOI	Contractual Services -	71400	29,647
	Acquis of Computer Software		UNDP	GF - GOI	Acquis of Computer	72800	-
					Sub Total		29,647.40
	6.4 Activity:						
	Procurement of Malaria Cadre Kits						
	Materials & Goods	82,732.21	UNDP	GF - GOI	Materials & Goods	72300	82,732
					Sub Total		82,732.21
	6.5 Activity:						
	Procurement of Whole Genome Squencing of SARS Cov-2						
	Materials & Goods	2,071,889.47	UNDP	GF - GOI	Materials & Goods	72300	2,071,889
					Sub Total		2,071,889.47
					TOTAL		2,184,269.08
	7 Activity:						
	Project Management						
	Contractual Services - Individ	20,664	UNDP	GF - GOI	Contractual Services -	71400	20,664
	Facilities & Administration	179,850.16	UNDP	GF - GOI	Facilities & Administration	75100	179,850
					TOTAL		200,514.16
	Sub Total Output 00130379	2,749,138.13					2,749,138.13
Output : (00130535) Enhancing Supply Management System for Vaccination in Responding	1.1 Activity:						
	Management Capacity for SMIE operations at National and subNational Level including helpdesk						
	Contractual Services - Individ	285,000	UNDP	JSB	Contractual Services - Indi	71400	285,000
	Communic & Audio Visual Equip	15,000	UNDP	JSB	Communic & Audio Visual	72400	15,000

EXPECTED OUTPUTS	PLANNED ACTIVITIES	Budget Revision	RESPONSIBLE PARTY	PLANNED BUDGET			
				Funding Source	Budget Description		
		2022			Description	Account Code	Amount Revision
Pandemic in Indonesia	TOTAL						300,000.00
	1.2 Activity:						
	Upgrading System						
	Contract Companies	90,872	UNDP	JSB	Contract Companies	72100	90,872
	Acquis of Computer Software	70,000	UNDP	JSB	Acquis of Computer	72800	70,000
	TOTAL						160,872.00
	1.3 Activity:						
	Training, workshop, studies, publication and documentation						
	Grants	70,000.00	UNDP	JSB	Grants	72600	70,000
	Audio Visual & Print Prod Costs	24,162	UNDP	JSB	Audio Visual & Print Prod	74200	24,162
	Training, Workshops and Confer	80,000.00	UNDP	JSB	Training, Workshops and C	75700	80,000
	TOTAL						174,162.00
	ISS	6,176	UNDP	JSB	ISS	64300	6,176
	Miscellaneous Expenses	31,210.00	UNDP	JSB	Miscellaneous Expenses	74500	31,210
	Facilities & Administration	50,931.00	UNDP	JSB	Facilities & Administration	75100	50,931
	TOTAL						88,317.00
	Sub Total Output 00130535	723,351.00				723,351.00	
GRAND TOTAL AWP 2022		27,222,870.27			-	27,222,870.27	

Approved by UNDP :

DocuSigned by:  
*Nika Saeedi*  
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Nika Saeedi  
Deputy Resident Representative, a.i.  
Date: 19-Apr-2022





Mr Norimasa Shimomura  
UNDP Resident Representative  
UNDP Indonesia Country Office  
Jakarta 10250  
Indonesia

8 October 2021

**Re: Amendment No. 2 to the grant agreement between the United Nations Development Programme and the Gavi Alliance supporting the Government of the Republic of Indonesia**

1. This letter agreement ("**Amendment No. 2**") serves to amend the grant agreement between the Gavi Alliance ("**Gavi**") and the United Nations Development Programme ("**UNDP**") (collectively, the "**Parties**") dated 12 March 2020 (the "**Grant Agreement**"). All capitalized terms in this letter agreement will have the same meaning given to them in the Grant Agreement, unless otherwise defined.
2. The Parties wish to amend the Period of Implementation. Accordingly, the Parties wish to amend the Grant Agreement as follows:
  - a. Section 6.2 shall be deleted in its entirety and replaced with the following wording:

"The end date of the Activities shall be 30 September 2022."
3. All other terms and conditions of the Grant Agreement remain the same and in full force and effect.
4. We propose that this Amendment No. 2 shall constitute an amendment of the Grant Agreement effective as of the date of signature by both parties.

Very truly yours,

**Gavi Alliance**

By: \_\_\_\_\_

Name: Santiago Cornejo

Title: Director, Country Engagement, The Office of the COVAX Facility

Date: 08/10/2021



Acknowledged and agreed for on behalf of the **United Nations Development Programme**

By: Norimasa Shimomura

Name: Norimasa Shimomura

Title: UNDP Resident Representative

Date: 01-Nov-2021

## **Annex B**

### **THIRD-PARTY COST-SHARING ARRANGEMENT BETWEEN THE DEPARTMENT OF FOREIGN AFFAIRS AND TRADE (THE DONOR) AND THE UNITED NATIONS DEVELOPMENT PROGRAMME (UNDP) [DFAT INSTRUMENT No. 72409/49]**

Pursuant to the Strategic Partnership Framework between the Australian Government and the United Nations Development Programme 2016 – 2021, the Donor will contribute funds to the UNDP on a cost-sharing basis for the implementation of **Management and Technical Cooperation for Aids, Tuberculosis and Malaria implementation (MTC-ATM) in Indonesia Project Phase III**, in Indonesia. The programme/project will be carried out in accordance with and as described in the Project document 00106768 Health Governance Initiative in Indonesia Project Phase III in Indonesia, and submitted to the Donor for information.

This bilateral Administrative Arrangement between the Donor and UNDP sets out the arrangements for the Donor's contribution. This Arrangement is not an international treaty.

The UNDP is prepared to receive and administer the Contribution to administer/implement the programme/project.

The Government of Indonesia has been informed of the Contribution of the Donor to the programme/project.

The UNDP will designate an Implementing Partner for the implementation of the programme/project (Implementing Partner)

#### **I. Scope and Objective**

1. This Arrangement sets forth the arrangements for the contribution to the programme/project as described in the project document.
2. The Goal of the programme/project is: the sustainable elimination of AIDS, tuberculosis and malaria in Indonesia to contribute to achievement of Sustainable Development Goal 3: Ensure healthy lives and promote well-being for all ages. Noting this phase of work is funded through Australia's set aside to its Global Fund replenishment to address AIDS, Tuberculosis and Malaria in the Asia-Pacific, including the functioning of the Country Coordinating Mechanisms in Indonesia.
3. The Objectives of the programme/project are: in 2023, cooperation among domestic and international partners have enhanced the CCM and Principal Recipients role in leading quality assurance of performance of the Global Fund for Aids, Tuberculosis and Malaria programs in Indonesia.

## **II. The Contribution**

1. (a) The Donor will, in accordance with the schedule of payments set out below, contribute to UNDP the amount of AUD 1,000,000 (being the Contribution plus the Coordination Levy described at Paragraph II.6-9), which will be deposited in the bank account.

UNDP Contributions Account  
Account number 816601  
Reserve Bank of Australia  
65 Martin Place  
Sydney NSW 2000  
SWIFT: RSBKAU2S

### **Schedule of payments<sup>1</sup> (all figures AUD)**

<b>Tranche No.</b>	<b>Payment Date</b>	<b>UNDP Direct Costs</b>	<b>Management Fee<sup>2</sup></b>	<b>Contribution<sup>3</sup></b>	<b>Coordination Levy<sup>4</sup></b>	<b>Total Payment</b>
1	March 2021	345,766	27,661	373,428	9,901	<b>383,329</b>
2	January 2022	292,663	23,413	316,076	NIL	<b>316,076</b>
3	January 2023	278,329	22,266	300,595	NIL	<b>300,595</b>
<b>Total</b>		<b>916,758</b>	<b>73,341</b>	<b>990,099</b>	<b>9,901</b>	<b>1,000,000</b>

(b) The Donor will inform UNDP when the Contribution is paid via an e-mail message with remittance information to [contributions@undp.org](mailto:contributions@undp.org) providing the following information: donor's name, UNDP country office, MTC-ATM III, Project Document 00106768 Health Governance Initiative and donor reference 72409/49. This information should also be included in the bank remittance advice when funds are remitted to UNDP.

The value of the payment, if made in a currency other than United States dollars, will be determined by applying the United Nations operational rate of exchange in effect on the date of payment. Should there be a change in the United Nations operational rate of exchange prior to the full utilisation by the UNDP of the payment, the value of the balance of funds still held at that time will be adjusted accordingly. If, in such a case, a loss in the value of the balance of funds is recorded, UNDP will inform the Donor with a view to determining whether any further financing could be provided by the Donor. Should such further financing not be available, the assistance to be provided to the programme/project may be

<sup>1</sup> It is recommended that country offices negotiate the number of installments to ensure at least six months' anticipated disbursements are funded with each installment. This will make processing of contributions and reporting more efficient for the country offices.

<sup>2</sup> The Management Fee is 8% of UNDP Direct Costs.

<sup>3</sup> The Contribution is the sum of UNDP Direct Costs and the Management Fee.

<sup>4</sup> The Coordination Levy is 1% of the Contribution, and is paid with Tranche 1.

reduced, suspended or terminated by UNDP after written notification to the Donor by UNDP.

2. The above schedule of payments takes into account the need for payments to be made in advance of the implementation of planned activities. It may be amended in accordance with Paragraph XI to be consistent with the progress of programme/project delivery.
3. UNDP will receive and administer the payment in accordance with the regulations, rules, policies and procedures of UNDP.
4. All financial accounts and statements will be expressed in United States dollars.

### **III. Utilisation of the Contribution**

1. The implementation of this Arrangement and the programme/project document will be dependent on receipt by UNDP of the Contribution in accordance with the schedule of payment as set out in Paragraph II.1 above.
2. If unforeseen increases in expenditures or commitments are expected or realised (whether owing to inflationary factors, fluctuation in exchange rates or unforeseen contingencies), UNDP will submit to the Donor on a timely basis a supplementary estimate showing the further financing that will be necessary. The Donor will use its best endeavours to obtain the additional funds needed.
3. If the payments referred to in Paragraph II.1 above are not received in accordance with the payment schedule, or if the additional financing needed in accordance with Paragraph III.2 above is not forthcoming from the Donor or other sources, the assistance to be provided to the programme/project under this Arrangement may be reduced, suspended or terminated by UNDP after written notification to the Donor by UNDP.
4. Any interest income attributable to the Contribution will be credited to UNDP Account and will be utilised in accordance with established UNDP procedures.

### **IV. Administration and Reporting**

1. Programme/project management and expenditures will be governed by the regulations, rules, policies and procedures of UNDP and, where applicable, the regulations, rules, policies and procedures of the Implementing Partner, provided that they do not contravene the regulations, rules, policies and procedures of UNDP. In case of contradiction, regulations, rules, policies and procedures of UNDP will prevail.
2. Programme/project management will be in accordance with UNDP policies and practices in relation to anti-corruption and prevention, detection and investigation of fraud and recovery of funds the subject of fraud.

3. UNDP headquarters and country office will provide to the Donor all or parts of the following reports prepared in accordance with UNDP accounting and reporting procedures.

- (a) From the country office, six-monthly progress reports to update progress of the programme/project to be submitted in July and January each year for the project life-cycle of 2021-2023;
- (b) From UNDP Bureau of Management/Office of Finance and Administration, an annual certified financial statement as of 31 December every year to be submitted no later than 30 June of the following year.
- (c) From the country office within three (3) months after the date of completion or termination of this Arrangement, a final report summarising programme/project activities (including progress in achieving activities' goal and objectives) and impact of activities as well as provisional financial data.
- (d) From UNDP Bureau of Management/Office of Finance and Administration, on completion of the programme/project, a certified financial statement to be submitted no later than 30 June of the year following the financial closing of the programme/project.

4. If special circumstances so warrant, UNDP may provide more frequent reporting at the expense of the Donor. The specific nature and frequency of this reporting will be specified in an annex of this Arrangement.

## **V. Administrative and Support Services**

1. In accordance with the decisions and directives of UNDP's Executive Board reflected in its Policy on Cost Recovery from Other Resources, the Contribution will be subject to cost recovery for *indirect costs incurred by UNDP headquarters and country office structures in providing General Management Support (GMS) services*. The cost recovery rate will be applied in accordance with UNDP policy on cost recovery for non-core contributions, applicable at the time of the project implementation. Furthermore, as long as they are unequivocally linked to the specific programme/project(s), all direct costs of implementation, including the costs of the Implementing Partner, will be identified in the programme/project budget against a relevant budget line and borne by the programme/project accordingly.

2. The aggregate of the amounts budgeted for the programme/project, together with the estimated costs of reimbursement of related support services, will not exceed the total resources available to the programme/project under this Arrangement as well as funds which may be available to the programme/project for programme/project costs and for support costs under other sources of financing.



## **VI. Evaluation**

All UNDP programmes and projects are evaluated in accordance with UNDP Evaluation Policy. UNDP and the Government of Indonesia in consultation with other stakeholders will jointly determine the purpose, use, timing, financing mechanisms and terms of reference for evaluating a programme/project including an evaluation of its Contribution to an outcome which is listed in the Evaluation Plan. UNDP will commission the evaluation, and the evaluation exercise will be carried out by external independent evaluators.

## **VII. Equipment**

Ownership of equipment, supplies and other properties financed from the Contribution will vest in UNDP. Matters relating to the transfer of ownership by UNDP will be determined in accordance with the relevant policies and procedures of UNDP.

## **VIII. Auditing**

The Contribution will be subject exclusively to the internal and external auditing procedures provided for in the financial regulations, rules and directives of UNDP. Should the annual Audit Report of the Board of Auditors of UNDP to its governing body contain observations relevant to the contributions, such information will be made available to the Donor.

## **IX. Completion of the Arrangement**

1. UNDP will notify the Donor when all activities relating to the programme/project have been completed. The expected completion date for the programme/project is 31 December 2023.
2. Upon completion of the programme/project, any unutilised payments and portions of the Contribution will be returned to DFAT except for such funds irrevocably committed in good faith before the date of completion and such funds that DFAT determines, in consultation with UNDP, are required to reasonably complete the programme/project activities under the Arrangement.

## **X. Termination of the Arrangement**

1. After consultations have taken place between the Donor, UNDP and the programme country Government, this Arrangement may be terminated by UNDP or by the Donor. This Arrangement will cease to be in effect 30 (thirty) days after either of the Partners have given notice in writing to the other Partner of its decision to terminate this Arrangement.
2. Upon termination of this Arrangement, any unutilised payments and portions of the Contribution will be returned to DFAT, except for such funds irrevocably committed in good faith before the date of termination, and such funds that DFAT

determines in consultation with UNDP are required to reasonably complete or terminate the programme/project activities under this Arrangement.

#### **XI. Amendment of the Arrangement**

This Arrangement may be amended through an exchange of letters between the Donor and UNDP. The letters exchanged to this effect will become an integral part of this Arrangement.

#### **XII. Resolution of Disputes**

Any dispute between UNDP and the Donor over its interpretation or application (or both) of this Arrangement will be resolved amicably between the Partners.

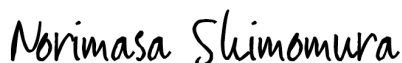
#### **XIII. Commencement**

This Arrangement will come into effect upon signature by the Partners

Signed in the English language in two copies.

For the Donor:

For the United Nations Development  
Programme



Daniel Woods  
Counsellor for Human Development  
Australian Embassy Jakarta  
Date: 28 April 2021

Norimasa Shimomura  
Resident Representative  
UNDP  
Date: 26-Apr-2021

**ANNEX – COORDINATION LEVY**  
**UNITED NATIONS GENERAL ASSEMBLY RESOLUTION A/RES/72/279**

The present Annex is an integral part of the Third-Party Cost-Sharing Arrangement Between The Department Of Foreign Affairs (The Donor) and The United Nations Development Programme (DFAT Instrument No No. 72409/49).

Pursuant to paragraph 10(a) of United Nations General Assembly Resolution A/RES/72/279 (31 May 2018), the Donor agrees that an amount corresponding to 1% of the total contribution to UNDP shall be paid to finance the United Nations Resident Coordinator System. This amount, hereinafter referred to as the “coordination levy” will be held in trust by UNDP until transfer to the United Nations Secretariat for deposit into the United Nations Special Purpose Trust Fund, which has been established to finance the United Nations Resident Coordinator System and is managed by the United Nations Secretariat.

The Donor acknowledges and agrees that once the coordination levy has been transferred by UNDP to the United Nations Secretariat, UNDP is not responsible for the use of the coordination levy and does not assume any liability. The fiduciary responsibility lies entirely with the United Nations Secretariat as the manager of the Resident Coordination System.

The Donor acknowledges and agrees the coordination levy does not form part of UNDP’s cost recovery and is additional to the costs of UNDP to implement the activity or activities covered by the contribution. Accordingly, there is no obligation for UNDP to refund the levy, in part or in full, even where the activities covered by the contribution are not carried out in full by UNDP. As deemed necessary by the donor, however, especially where the scale of the resources concerned or reputational risk justify the refund transaction costs, the donor can submit a request for refund to the United Nations Secretariat directly.

UNDP will not administer the coordination levy. UNDP will not report on the use of the coordination levy. UNDP does not have any liability on the use of the coordination levy by the United Nations Secretariat. Clarifications on the administration, reporting and/or use of the coordination levy by the United Nations Secretariat shall be discussed by the Donor and the United Nations Secretariat on bilateral basis.

A Contribution of AUD 990,099 is made under the Agreement. In addition to the Contribution amount, the Donor is paying a coordination levy amount of AUD 9,901. This coordination levy amount will be transferred to UNDP at the bank account indicated in the Agreement immediately after its signature

## GRANT AGREEMENT

This Grant Agreement (the “**Agreement**”) is entered into by and between the Gavi Alliance (“**Gavi**”) and the United Nations Development Programme (“**UNDP**”).

### 1. PURPOSE OF THE AGREEMENT

This Agreement governs the grant or grants of funds (the “**Grant**”), provided by Gavi, subject to the terms hereof, to UNDP to support the implementation of the **Strengthening of the Vaccine Covid – 19 Logistics Management System**, the “**Programme**” of the Government of Republik Indonesia (the “**Government**”) as describe in the Project Document “**The Cds Early Access Window For Urgent Vaccine Delivery Needs And Scale-Up Preparations For Covid-19 Vaccines Received Through The Covax Facility**” set fort in Annex A (the “**Project Document**”).

- 1.1. Gavi notified the Government of an approved grant in the amount of \$3,050,000 by the decision letter dated October 7<sup>th</sup>, 202, of which UNDP will manage the funds set out in Section 3 below. The Grant funds provided to UNDP under this Agreement comprise part of that approved grant amount to the Government.
- 1.2. The activities to be performed with the Grant funds provided to UNDP (the “**Activities**”), and their corresponding budget, are summarized in **Annex A** hereto and further described in the Project Document.
- 1.3. The terms and conditions for performing the Activities and management of the Grant by UNDP, including timelines and requirements for financial reporting, auditing, and programme support costs, are set out in this Agreement.

### 2. RESPONSIBILITIES OF THE PARTIES

- 2.1 UNDP shall be responsible for administering the Grant to support the Activities in accordance with UNDP regulations, rules, policies and procedures and decisions of the UNDP Governing Bodies, as well as the terms of this Agreement.
- 2.2 Gavi shall be responsible for the provision of the Grant funds to UNDP in accordance with the terms of this Agreement and in the manner stipulated in Section 4.

### 3. GRANT AMOUNT

Gavi shall make a total Grant to UNDP in the amount of US\$ 3,050,000 (Three Million and Thirty Thousand US dollars) representing the funds to be managed by UNDP. The Grant is inclusive of an 8% indirect programme support costs (i.e. general management support (“GMS”) fee pursuant to Section 4.2 of this Agreement.

### 4. FINANCIAL ARRANGEMENTS

#### 4.1 Payment of Grant

The Grant shall be disbursed according to the payment schedule in section 4.2 and shall be deposited in the following bank account:

UNDP Contributions Account, #36349562  
Citibank, N.A.  
111 Wall Street

New York, NY 10043

ABA/ACH Routing Number: 021000089  
SWIFT: CITIUS33

Gavi shall inform UNDP when the Grant is paid via an e-mail message with remittance information to [contributions@undp.org](mailto:contributions@undp.org), providing the following information: Gavi's name, UNDP country office, Project title "**Strengthening of the Vaccine Covid – 19 Logistics Management System**", Gavi reference (if available). This information should also be included in the bank remittance advice when funds are remitted to UNDP.

#### 4.2 Grant Payment Schedule

- 4.2.1 The Grant shall be paid in a single tranche of US\$ 3,050,000, which shall be disbursed within 30 days following signature of this Agreement by both parties.

#### 4.3 Programme support costs

- 4.3.1 UNDP shall deduct 8% indirect costs incurred by UNDP headquarters and country office structures in providing GMS services in accordance with the decisions, policies and procedures of UNDP's Executive Board reflected in its Policy on Cost Recovery from Other Resources. Furthermore, as long as they are unequivocally linked to the Project, all direct costs of implementation, including the costs of UNDP, will be identified in the Project budget against a relevant budget line and borne by the Project accordingly.

- 4.3.2 The aggregate of the amounts budgeted for the Activities shall not exceed the total resources available for the Project under this Agreement as well as funds which may be available to the Project for Project costs and for support costs under other sources of financing.

#### 4.4 Sub-contractors

- 4.4.1 UNDP may provide Grant funds to other responsible parties (individuals or entities) to carry out the Activities (the "**Sub-Contractors**"), who will be selected in accordance with UNDP's regulations, rules, policies and procedures. UNDP shall consult with the Government (i.e. Ministry of Health and Social Protection) on the Activities to be carried out by the Sub-Contractors. UNDP acknowledges and agrees that providing Grant funds to Sub-Contractors does not relieve UNDP of its obligations and liabilities under this Agreement or from the obligation to ensure that the Grant funds are used only for the purposes envisaged by this Agreement and not otherwise, and that such funds are not misused.

#### 4.5 Utilisation of funds and accounting

- 4.5.1 Grant funds shall be administered in accordance with UNDP's regulations, rules, policies and procedures and decisions of the UNDP Governing Bodies.
- 4.5.2 UNDP shall maintain accurate accounting records documenting how Grant funds are used and disbursed.
- 4.5.3 Any interest earned on the cash balance of the Grant shall be utilized for the Activities.

- 4.5.4 If unforeseen increases in expenditures or commitments are expected or realized (whether owing to inflationary factors, fluctuation in exchange rates or unforeseen contingencies), UNDP shall inform Gavi of such increases. Adjustment to the implementation of Activities will be made in agreement with Gavi, following consultation with the Government, UNICEF and WHO. If the additional financing required under this paragraph is not forthcoming from Gavi, the Activities may be reduced, suspended or terminated by UNDP.
- 4.5.5 Income and expenditure recorded in respect of the Grant shall be identified and kept separately by UNDP in the relevant account.
- 4.5.6 Any balance of the Grant that is outstanding at the time of completion of the Project, or of termination of this Agreement, and after all encumbrances incurred by UNDP prior to completion or termination have been fully liquidated, shall be treated in the following manner:
- (i) If the remaining balance is US\$ 1,000 or less, UNDP shall be entitled to use this balance for similar activities; and
  - (ii) If the remaining balance is more than US\$ 1,000, this remaining balance shall, with the prior written approval of Gavi, be applied to the HSS Programme purposes.
- 4.5.7 UNDP shall take all necessary action to ensure that all Grant funds are used for the sole purpose of fulfilling the Activities. Any significant change in the scope or schedule for Activities shall be reviewed and approved in advance by Gavi.
- 4.5.8 If Gavi has reason to suspect that Grant funds have been used for purposes other than the Activities, it shall inform UNDP, and the parties will consult in good faith with a view to agreeing upon a satisfactory resolution of the matter. If, following the above-mentioned consultations, no satisfactory resolution is reached, and Gavi determines that Grant funds have been used for purposes other than the Activities in a material respect, Gavi may suspend all or part of the Grant. Gavi retains its right to terminate its support to UNDP and the Government for the carrying out the Activities if misuse of any Grant funds is confirmed. For the avoidance of doubt, any investigation of allegations of misuse of funds by or involving UNDP will be undertaken solely by UNDP in accordance with its accountability and oversight framework, and UNDP shall have no obligation to return to Gavi any Grant funds already utilised or committed by UNDP pursuant to a legally binding transaction except in the case of fraudulent application or misuse of funds by or involving UNDP, in which case the relevant part of the Grant will be subject to repayment.

## **5. CONSTRUCTION AND EQUIPMENT**

- 5.1 Ownership of constructed facilities, equipment, supplies and other properties financed from the Grant funds shall vest in UNDP during the implementation of the Activities where necessary to allow UNDP to carry out the implementation of the Activities. Ownership of such constructed facilities, equipment, supplies and other properties financed from the Grant funds shall be transferred to the Government of Tajikistan upon the completion of the implementation of the Activities, unless otherwise agreed with the Government and Gavi.
- 5.2 UNDP shall procure goods and services with the Grant funds in accordance with UNDP's procurement regulations, rules, policies and procedures.



## **6. PERIOD OF IMPLEMENTATION**

- 6.1 The start date of the Activities shall be January 15, 2022.
- 6.2 The end date of the Activities shall be December 31, 2022.
- 6.3 UNDP shall have no obligation to implement the Activities unless the Grant amount specified in Section 3 has been received by UNDP. If the start date is postponed for that reason, the end date shall be extended accordingly.
- 6.4 Gavi shall allow UNDP a period of up to six (6) months after completion of the Activities, or any termination of this Agreement (close date), to liquidate all encumbrances for Activities completed by UNDP prior to completion or termination, unless the parties agree otherwise.
- 6.5 UNDP shall notify Gavi when the Activities have been completed.

## **7. MONITORING PROGRESS**

- 7.1 The parties to this Agreement acknowledge that the in-country National Health Coordinating Committee (“**NHCC**”) is responsible for monitoring performance of the Activities.
  - (a) UNDP shall, together with UNICEF, WHO and the Ministry of Health and Social Protection, form a technical working group (“**Technical Working Group**”), which will report to the NHCC and participate in periodic technical discussions to coordinate the implementation of the HSS Programme. As part of such periodic discussions, UNDP shall update the Technical Working Group on progress against the Activities.
  - (b) UNDP shall submit a progress report on May 31<sup>st</sup> (covering the period up to April 30) and January 30 (covering the period up to December 31) of each calendar year in which the Activities are implemented to the NHCC on progress against the Activities, with a copy to Gavi. Such reports shall be incorporated into the Government’s annual reporting to Gavi, which forms the basis of the joint appraisal carried out by Gavi and partners to review all activities in country with respect to the HSS Programme.
- 7.2 UNDP shall collaborate with the NHCC and the Government as necessary to allow the Government to fulfil its annual reporting obligations to Gavi with respect to the HSS Programme, to the extent consistent with UNDP’s regulations, rules, policies and procedures.

## **8. EVALUATIONS**

UNDP shall cooperate with the Government, Gavi or any other designated organization in connection with the evaluation of the HSS Programme, to the extent consistent with UNDP’s regulations, rules, policies and procedures.

## **9. FINANCIAL REPORTING AND AUDITS**

### **9.1 Financial reports**

UNDP shall provide to Gavi the following reports:

- (a) From UNDP Office of Financial Resources Management, Bureau for Management Services, an annual certified financial statement as of 31 December every year to be submitted no later than 30 June of the following year.

- (b) From the Country Office, within six months after the date of completion or termination of this Agreement, a final report summarizing the Activities and their impact, as well as provisional financial data.
- (c) From UNDP Office of Financial Resources Management, Bureau for Management Services, on completion of the Activities, a certified financial statement to be submitted no later than 30 June of the year following the financial closing of the Project.

For the avoidance of doubt, all reports contemplated under this Agreement, including under this Section, shall be in UNDP's standard format.

## 9.2 Audits

The Grant shall be subject exclusively to the internal and external auditing procedures provided for in the financial regulations, rules, policies and procedures of UNDP. Should the annual Audit Report of the UN Board of Auditors to its governing body contain observations relevant to the Grant, such information shall be made available to Gavi by the country office. The internal audit reports and external audit reports of UNDP related to the Grant shall be made available on UNDP website and UN Board of Auditors website respectively.

## 10. ACKNOWLEDGEMENT

- 10.1 UNDP shall make an appropriate acknowledgement of the Grant in all of its publications emanating from the Activities, or in reports that are habitually made available to its Member States. In the absence of the consent of the other party, neither party may otherwise refer to the Grant or to the relationship between the parties in any material of a promotional nature.
- 10.2 Gavi may make representations in its internal documents and reports as required about the fact of the contribution to UNDP.
- 10.3 UNDP shall report on the contribution to its Executive Board in accordance with its regular procedures regarding contributions from donors.
- 10.4 Any other use of the name or emblem of either party, and any other form of recognition or acknowledgement of the contribution of by the other party, is subject to consultations between the Parties and the prior written agreement of the other Party.

## 11. NOTICE

Any notice or correspondence between UNDP and Gavi will be addressed as follows:

- (a) To Gavi: Alice Abou-Nader  
Address: Chem. du Pommier 40, 1218 Le Grand-Saconnex,  
Geneva, Switzerland 1202
- (b) Upon receipt of funds, UNDP shall send an electronic receipt to Gavi's email address provided below as confirmation that the remitted funds have been received by UNDP  
  
Donor email address: smuller@gavi.org  
Attention: Sam Muller, Country Support, Anne Cronin, PEF
- (c) To UNDP: Sophie Kemkhadze, Deputy Representative  
Address: Menara Thamrin, 7<sup>th</sup> Floor, Jl, M.H. Thamrin Kav.3

**12. PRIVILEGES AND IMMUNITIES**

Nothing in or related to this Agreement constitutes or shall be interpreted to constitute a waiver, express or implied, of any of the privileges and immunities of either Gavi or UNDP under national or international law, and/or as submitting either Gavi or UNDP to any national court jurisdiction.

**13. TERMINATION**

Either party may give the other notice of termination of this Agreement. Such termination shall enter into effect six (6) months after notice has been received, subject to the settlement of any outstanding encumbrances.

**14. ENTIRE AGREEMENT / AMENDMENT**

This Agreement and any annexes hereto constitute the entire agreement between the parties and set out the conditions, understanding and agreements between the parties pertaining to the subject matter of this Agreement and supersede all prior agreements, understandings, negotiations and discussions, whether oral or written. This Agreement will not be modified except by written agreement and signed in a paper format (not email) on behalf of Gavi and UNDP by their respective duly authorised representatives.

**15. SETTLEMENT OF DISPUTES**

Any dispute between the parties arising out of or relating to this Agreement that is not settled amicably shall be submitted to arbitration at the request of either party. The arbitration shall be conducted in accordance with the then current UNCITRAL Arbitration Rules. The parties agree to be bound by the arbitration award as the final adjudication of the dispute. The arbitration shall be conducted in English. The place of hearings shall be Geneva, Switzerland. The term "UNCITRAL" means the United Nations Commission on International Trade Law.

This Agreement shall become effective on the date of its signature by both parties, and will continue until all Grant funds provided pursuant to this Agreement have been utilised.

Agreed on behalf of **the Gavi Alliance**

By: Santiago Cornejo



Title: Director, Country Engagement, The Office of the COVAX Facility

Date: 21/12/2021

Agreed on behalf of **the United Nations Development Programme**

By: Mr. Norimasa Shimomura

DocuSigned by:  
*Norimasa Shimomura*  
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Title: Resident Representative

Date: 23-Dec-2021

Date: \_\_\_\_\_

## Annex A

### Work Plan and Budget

#### Project Summary

The Project involves the provision of technical assistance to the Ministry of Health, including:

The Project activities and outcomes are summarized in the Table 1 below.

Activity	Expected Outcome	Expected Timeline	Budget (US\$)
Ensuring Vaccine Quality by installing remote data loggers in 7,000 vaccine storages that connect with SMILE application	Frequency and duration of temperature excursions in assets with remote data loggers that can be detected through SMILE	December 31, 2022	USD 2,200,000
<b>Operating Expenses</b> Expanding and improving a real-time vaccination logistics and monitoring system through SMILE	Maintained and improved data security, quality and integration of SMILE with the National One Data System for COVID-19	December 31, 2022	USD 500,000
<b>Operating Expenses</b> Strengthening human resource capacities for the SMILE system	Active users (% out of total users), Measurement of timeliness of data	December 31, 2022	USD 350,000

#### Progress Reports Due Dates:

- May 31, 2022 (covering the period up to April 30, 2022)
- January 31, 2023 (covering the period up to December 31, 2022)
- The reports shall be incorporated into the Government's annual reporting to Gavi

**AMENDMENT No. 1 TO THE TECHNICAL ASSISTANT ARRANGEMENT FOR THE IMPLEMENTATION OF  
THE GLOBAL FUND TUBERCULOSIS PROGRAM  
BETWEEN  
UNITED NATIONS DEVELOPMENT PROGRAMME (UNDP)  
AND  
THE MINISTRY OF HEALTH OF REPUBLIC OF INDONESIA AS THE PRINCIPAL RECIPIENTS OF THE GLOBAL  
FUND FOR TB PROGRAM**

Reference is made to the Technical Assistant Arrangement for the Implementation of the Global Fund Tuberculosis Program (hereinafter referred to as "Arrangement"), entered into on 23<sup>rd</sup> April 2021 by and between the United Nations Development Programme (hereinafter referred to as "UNDP"), and the Ministry of Health of Republic of Indonesia as the Principal Recipients of the Global Fund for TB Program (hereinafter referred to as the "Principal Recipient").

WHEREAS the Principal Recipient and UNDP have agreed to amend the Arrangement in order to include new technical assistance, increase the amount and adjust the schedule of payments;

NOW THEREFORE, the Parties agree:

1. The relevant Arrangement provisions indicated below are hereby amended as follows:

(a) Paragraph 1 of the Arrangement is hereby amended in its entirety to read as follows:

1. The Principal Recipient hereby agrees to engage the UNDP to provide the Principal Recipient with the following technical assistance (the "Technical Assistance"):
  - Financial management and the capacity building on health services readiness and laboratory development in conducting Genomic Sequencing of SARS-CoV-2 Period: 1 January 2022 to 31 December 2023 (terms of reference/Tor as Annex I)

(b) Paragraph 7 of the Arrangement is hereby amended in its entirety to read as follows:

7. The UNDP will receive payment for its technical assistance which will be transferred directly by the Global Fund with the amount and schedule of payment as follows:

Schedule of payments	Amounts	
April 2021	USD	697,689.58
January 2022	USD	19,240,896.00
March 2022	USD	832,436.97
January 2023	USD	320,062.61

Detailed Budget is available on TOR under point 7. Budget.

- (c) Annex I– Terms of Reference in Annex of this Amendment is added to the Arrangement to replace the Annex I in original Technical Assistant Arrangement

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2. Except as expressly modified herein in accordance with paragraph 1, all other terms of the Arrangement as previously amended shall remain unchanged and shall continue in full force and effect.
3. This Amendment will come into effect as of the date of last signature hereof by UNDP and the Principal Recipient.

In witness whereof, UNDP and the Principal Recipient have signed this amendment.

For UNDP:

For the Ministry of Health of the Republic of

Indonesia as the Principal Recipients of the Global  
Fund for TB Program:

  
\_\_\_\_\_  
Sophie Kemkhadze

Officer in Charge - Resident Representative

Date: 14 Jan 2022

  
\_\_\_\_\_  
dr. Siti Nadia Tarmizi, M.Epid

Authorized Signatory for GF TB Programme

Date: 10 Jan 2022



## **ANNEX**

### **ANNEX I TERMS OF REFERENCE**

#### **UNDP Technical Cooperation for the HIV, Tuberculosis and Malaria grants funded by the Global Fund to Fight AIDS, Tuberculosis and Malaria implemented by the Ministry of Health**

##### **Technical Assistance for TB Program**

**Period: 1 January 2022 to 31 December 2023**

**1. Background:** The United Nations Development Programme (UNDP) is the UN's global development network, advocating for change and connecting countries to knowledge, experience and resources to help people build a better life, as envisaged in the 2030 Agenda for Sustainable Development Goals (SDGs). Through an integrated team operating at the global, regional and country levels we are on the ground in more than 170 countries and territories, working with governments and people on their own solutions to global and national development challenges to help empower lives and build resilient nations.

UNDP is a co-sponsor of several international health partnerships. Since 2003, we have been in partnership with the Global Fund, supporting about 20 countries to manage resources for actions on SDG 3. UNDP's work on HIV, health and development, as described in the HIV, Health and Development Strategy 2016-2021: Connecting the Dots, leverages UNDP's core strengths and mandates in human development, governance and capacity development to complement the efforts of specialist health focused UN agencies. The work falls within three interconnected areas of action:

(i) reducing inequalities and social exclusion that drive HIV and poor health; (ii) promoting effective and inclusive governance for health; and (iii) building resilient and sustainable systems for health.

In 2007, UNDP started to provide technical assistance to Indonesia's MoH to implement the Global Fund grants. In 2012, in partnership with the Australian Government Department of Foreign Affairs and Trade, UNDP started to provide technical support to Indonesia's Country Coordinating Mechanism (CCM) and its technical working group to monitor GF grant performance and provide oversight.

Recently, UNDP Indonesia formed the Health Governance Initiative (HEART) cluster to support the Indonesian Government on national health policy, institutional strengthening, and to improve national health system and service delivery which aimed at creating a sustainable positive impact to vulnerable and poor people.

**2. Global Fund – Indonesia:** The Global Fund has provided grant funds to the Government of Indonesia in the amount of US\$972 million to fight HIV, Tuberculosis (TB) and Malaria, as well as to strengthen the health system. There are six active grants in the current GF implementation period (2018-2020) with a total budget of US\$264 million. The Ministry of Health (MoH) is a Principal Recipient (PR) for the Global Fund's HIV, TB, and malaria grants, with a total budget of US\$208 million (2018-2020). The MoH is supported by several Sub-recipients (SR) in implementing each grant and to achieve the national

program results. Currently, the ministry is in the process of developing the proposals for the period 2021-2023 with the ceiling amounts estimated in the range of US\$ 293 million.

The Global Fund as a performance-based financing institution has terms and conditions related to the financial reporting of the Grant Agreement signed with the PRs. These terms and conditions require the submission of quality and timely reports. Besides financial reporting, the grants are modelled along critical financial management accountability and compliance frameworks which are based on the Global Fund rules and regulations.

**3. Technical Assistance:** Through 2018, The Global Fund, the MoH and the CCM identified recurring financial management issues impacting on the grant management and timely delivery and quality reports. These issues constituted a risk to the Principal Recipients who bears overall responsibility for the implementation of the Global Fund financed programme. Between 2018 and 2019, the MoH requested the support of UNDP to address financial management reporting issues and to review the current accounting Financial Management Information System (FMIS) to ensure that the ministry could provide quality and timely financial reports to the Global Fund. Against this backdrop, it became necessary to provide a comprehensive Technical Assistance to the ministry through a strategic response mechanism (SURGE) between January 2019 through December 2020. The broad outcomes were aligned along three core change elements: People, Technology; and Process- necessitating the design of the technical assistance to focus on human resources, technology transformation and process/policy reengineering. Specifically, the support sought to achieve the following broad outcomes:

1. Quality assured and timely reporting;
2. Strengthened Financial Management Information system;
3. Improved Human Resources that is aligned to better financial management;
4. Supportive supervision including support during audit and other assurance related review

Across all the four outcomes, some broad results were achieved: (1) At least fifty four (27) mandatory reports due to the Global Fund were submitted on a timely manner and to acceptable quality, as well as various ad hoc reports; (2) the procurement of the FMIS was concluded with Microsoft Dynamics 365 business central ERP solution selected through a long evidence based competitive process, (3) A major remuneration framework development and benchmarking process was launched with the report expected by end of June 2020 (4) The Global Fund annual audits for the three PRs were all concluded and reports submitted to the Global Fund at least 1-2 months before the official deadline which was a major departure from the past. While a lot was achieved in the period through June 2020, the long process of procurement of the FMIS, recruitment of TA staff for some positions; and a generally ambitious time earlier set impacted the programme.

**4. Proposal for 2022-2023:** Despite the achievements realized, the period through December 2020 saw the introduction of strategic change drivers through new remuneration framework and implementation of Microsoft Dynamics 365 Business Central. While improvement was evident in the end products around financial reporting, the process remains unsustainable across the PRs as significant technical support and reliance remain placed on the TA team. The FMIS having just been procured and system development and roll out on going, sustained technical support from UNDP TA to manage and supervise full rollout process to ensure its successful implementation as per specifications and high standards of public financial management is required. The FMIS

implementation assumes an eighteen (18) months contract being six (6) months implementation followed by twelve months post implementation support, with subsequent 24 (Twenty-four) months support options contracts split into Twelve (12) months each. The implementation plan points to FMIS go-live being in 2021 which will be most critical as the system acceptance sign off is modelled along the production of actual outputs. Besides the envisioned changes to be brought by new FMIS, the period from 1 January 2021 will also see the implementation of a new remuneration framework. The FMIS implementation, HR systems support, and financial reporting is expected to continue through 2021. All reporting and related tools during this period will be based on parallel systems i.e Minimum of six months post go live transition phase where the ministry will run both old and the new systems. UNDP will provide the necessary support to ensure seamless transition through end of 2021

In summary, the activities and results planned for the January 2022 to December 2023 period are defined as follows:

### 1. Quality assured and timely financial report submissions and assurance review support

- 1.1 Continued support the production of reports in as well and supporting audit and LFA reviews through closure of the current grants from January 2021 – December 2023;
- 1.2 Ensure that the following deliverables are submitted on time, consistent with the PR's financial records and in line with Global Fund requirements

Table 1- PR GF reporting matrix

Report/Period	2021				2022				2023			
	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12
Quarterly cash report <sup>1</sup>	•	•	•	•	•	•	•	•	•	•	•	•
Annual Tax report <sup>2</sup>					•		•				•	
Semi-annual PU report <sup>3</sup>					•		•				•	
Annual PUDRs <sup>4</sup>	•								•			
External Audit reports <sup>5</sup>		•								•		

### 2. A new financial management information system- Microsoft Dynamics 365 Business Central implemented

- 2.1 Supervise the FMIS post installation support through December 2021;
- 2.2 Support the installation of the new IT hardware/infrastructure at MoH data center and supervise the data transfer from temporary 3rd party cloud hosting service to MoH data center;
- 2.3 Act as the project/contract manager for the new accounting software post implementation period through December 2023;
- 2.4 Supervise the implementation of additional requirements and customizations beyond the scope of initial FMIS ToR;
- 2.5 Provide technical on the job MS Dynamics resource support;
- 2.6 Support the production of first set of reports through the new system and support the government towards final system testing and acceptance sign off;
- 2.7 Maintain the post implementation FMIS issue log and supervise the resolution of all issues through the post implementation period;
- 2.8 Review post implementation user confidence, and working environment and lead technical negotiations and discussions with FMIS vendor on future support framework that can minimize user dependence on vendor support and related maintenance cost for sustainability.

### 3. Improved human resources that is aligned to better grants management

- 3.1 Continued support for the roll out of the newly developed salaries and remuneration framework

- 3.2 Supervise the roll out of a new Microsoft Dynamics performance management information system, leave management and other HR functions in the system
- 3.3 Support initial centralized payroll processing in Microsoft Dynamics
- 3.4 Work with PMUs towards the development and signing of new performance contracts effective 2021 based on the new salary and remuneration framework;
- 3.5 At the request from the PMUs, provide recruitment support for all: PMUC, FC and HRC- positions
- 3.6 Support and participate in the initial annual PR senior finance and programme staff performance objectives setting for 2021

**4. Enhanced capacity, policy dissemination and governance oversight**

- 4.1 Review the current PRs financial and operational policies and procedures and recommend necessary amendments in the light of the new technology transformation;
- 4.2 Supportive supervision including support during audit and other assurance related review.
- 4.3 Review next funding 2021-2023 SR MoU to ensure that they contain improved oversight and accountability sections

**5. Improved procurement and fund management related support**

- 5.1 Support the development of assets/inventory barcode/QFR enabled tagging system that is linked to the new FMIS to be implemented for all assets purchased from 2021 onwards
- 5.2 Act on all special procurement and fund management support calls from PRs and their partners as and when needed
- 5.3 Provide capacity strengthening through on the job backend support for PRs procurement and logistics staff on contract and procurement management

**6. Improving Health Services Capacity in Responding COVID-19 Emergency Response**

- 6.1 Laboratory Capacity Development in Genomic Sequencing of SARS-CoV-2. Provision of whole genomic sequencing machines for early detection of new variant of SARS-COV-2 mutated genes.
- 6.2 Health services readiness in responding COVID-19 Diseases. Provision of medical devices for the treatment of severe COVID-19 cases/ COVID-19 at referral hospitals. Aims to strengthen the capacity and competence of referral hospitals to treat severe advanced COVID-19 cases in ICUs, and to mitigate resurgences with expected outcome in reducing case fatality rate, specifically by addressing and/or reducing complications induced by a severe acute respiratory distress syndrome potentially leading to a multiorgan failure syndrome.

**5. Budget Requirement:** The funds that will be absorbed to implement the TB Program from January 2021 until 31 December 2023 is USD 21,091,085.16 as available in point 7 Budget.

**6. Reporting:** UNDP shall provide annual/end of project reports to the Principal Recipients and the Director General's Office. The reports will include, without limitation, a status update on the general challenges faced in performing the functions of the team. The reports will be sent with a copy to the Indonesia country team.

**7. Implementation:** The procurement of goods and services and the recruitment of project and programme personnel by the UNDP Indonesia country office will be in accordance with UNDP regulations, rules, policies and procedures.

Support framework: The proposed multiphase TA will be based on UNDP's support framework which is anchored on the following core principles:

- National ownership, UNDP support will be designed based on MoH prioritized capacity needs
- Alignment to national strategies and policies
- Complementarity and coordination between existing initiatives
- Efficiency and Effectiveness in achieving results
- Sustainability when designing solutions and recommending intervention

## 7. Budget

DESCRIPTIONS	2021-2023 Period				Comments
Activity Result	2021	2022	2023	2021-23	
Activity Result 1: 1. Quality assured and timely financial report submissions and assurance review support					
Team Leader & TA Finance Team at PR TB MOH	152.450,00	145.311,00	124.800,00	422.561,00	Fee for finance team on annual basis (based on historical cost) - In 2022 Int. Team Leader was planned for 3 months only - Starting from Q2 - 2022 up to 2023 Team Leader will be Local Expert based on discussion with PR MoH
Activity Result 2: 2. A new financial management information system- Microsoft Dynamics 365 Business Central implemented					
Software implementation (MS Dynamics maintenance+support+license+cloud+ server) & consultants for 6 mos to ensure smooth go-lives & effectiveness implementation up to 1st semester of the new grant.	130.778,00	65.526,48	40.452,00	236.756,48	1. Software implementation: Covers FMIS Ise
Infrastructure cost - Data Center	12.542,33	127.073,06	15.542,33	155.157,72	
- Supervision / Field Visit TA Finance & Logistics team - FMIS training (incl. refresher training to PR), printing manuals, and training to SRs (1x online & 1x offline), then give training (offline) to SSRs (by PR & UNDP team) still with guidance from Attain	231.318,00	274.542,14	20.568,00	526.428,14	
Activity Result 3: Improved human resources that is aligned to better grants management					
HR Team (for finalization of SOP HR, set-up & monitor payroll in the FMIS)	51.757,20	38.661,60	38.661,60	129.080,40	Historical rates
Recruitment support	2.100,80	2.100,00	-	4.200,80	Historical rates, assuming at least two
Activity Result 4: Enhanced capacity, policy dissemination and governance oversight					
Training/Socialisation of new policies and procedures	3.500,00	-	-	3.500,00	Historical rates
Monthly & Quarterly Coordination Meeting (between UNDP & PR/PMU team)	8.500,00	-	-	8.500,00	
International leadership and management training - Directors and Sub directors/Section heads and Finance Coordinators	-	24.500,00	-	24.500,00	for Y-2: 14 People made up of: Director 2, Sub Director 3, Section heads 4, PMUC 3, FCs 3, UNDP 2. for 5 Days each including travel (Travel per person: Ticket US\$ 2000, Per diem 1250) Training Course/ Course training US\$ 2000 Per person)
Study visit for exploring on development of linkage the Programmatic (SITB) and Financial Performance (Absorption)	-	20.500,00	-	20.500,00	
Activity Result 5: Improved procurement and fund management related support					
Procurement and Logistics Coordinator	38.436,00	38.436,00	38.436,00	115.308,00	for ATM support
Activity Result 6: Enhanced direct programme implementation and achievements					
<b>Improving Health Services Capacity in Responding COVID-19 Emergency Response</b>					
Laboratory Capacity Development in Genomic Sequencing of SARS-CoV-2		7.324.806,00		7.324.806,00	2021-23 PR CRM funds, procurement of Whole Genome Sequencing, Reagents and after sales supports
Health services readiness in responding COVID-19 Diseases		10.657.340,00			2021-23 PR CRM funds, procurement of mobile CXR, Oxygen tube, patient monitor, Mobile Electricity Generator
<b>Total Required Budget</b>	<b>631.382,33</b>	<b>18.718.796,28</b>	<b>278.459,93</b>	<b>19.628.638,54</b>	
Project management	20.664,00	41.328,00	20.664,00	82.656,00	
GMS	45.643,24	1.313.208,70	20.938,68	1.379.790,62	
<b>TOTAL BUDGET FOR TB COMPONENT</b>	<b>697.689,58</b>	<b>20.073.332,97</b>	<b>320.062,61</b>	<b>21.091.085,16</b>	TRUE

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Total proposed budget for TAA 2021-2023 = USD 21,091,085.16, while approved budget for TAA 2021 stated in the 2021 TAA agreement date 23<sup>rd</sup> April 2021 is USD 697,689.58. Therefore for 2022-2023 cost extension for TAA year 2022-2023 will be at a sum of USD 20,393,395.58

Please also note that UNDP have a previous TAA Cycle for 2019-2020. The TAA 2019-2020 signed by UNDP and Principal Recipient on 1 July 2019, and its Amendment No. #1 signed on 30 March 2020 and additional Amendment No. #2 signed on 26 August 2020. Approval letter from the Principal Recipient to carry over the saving from the 2019-2020 TAA cycle to be used for 2021-2023 TAA cycle attached as Annex III.

Jakarta, 14 January 2022



Legal Document Clearance - CO Indonesia - Version 2.6 (22/06/2021)

**Legal Document Clearance***(To be completed prior sharing the draft agreement with the Partner for signing)*

Project ID and Name : 00106768 Health Governance Initiative (HEART)

Purpose of the Legal Doc. : *To extend the end date of the Agreement with additional cost because additional Technical Assistance for financial management and the capacity building on health services readiness and laboratory development in conducting Genomic Sequencing of SARS-CoV-2 in 2022 - 2023*

Project Duration : from 16/03/2020 to 31/12/2023

Legal Document Duration : from 01/01/2021 to 31/12/2023

Legal Document Amendment : YES, 1st Amendment (attach the previous signed agreement)

Implementation Modality : DIM Country Office

Legal Document Type<sup>1</sup> : Donors: 01 Third-Party Government Financing Agreement [SIGNED BY RR]

Coordination Levy Annex : 1% Coordination Levy is Not Applicable (Donor Exempted)

Partner Institution : Ministry of Health of Republic of Indonesia as the Principal Recipients of the Global Fund for Tuberculosis Program

Type of Partner Institution : Government Entity: Donor Country/Agency

The HQ legal template was downloaded directly from the POPP<sup>2</sup>, BERA<sup>3</sup> website or provided by QARE Unit:

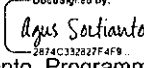

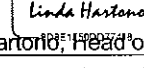
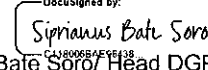
YES, it is a standard template from POPP/BERA/QARE.

The attached legal document is provided with track changes from the original HQ legal template:

YES, draft legal document submitted in track changes.

No substantial inconsistency with original HQ legal template. If there are substantial inconsistency, attach the email communication with Legal Office that endorsed the substantial changes:

YES, with adjustment cleared by QARE or Legal Office.

CLEARANCE NOT REQUIRED FOR:	CLEARANCE REQUIRED	DATE (DD/MM/YYYY)
	Prepared and submitted by DocuSigned by:  Agus Soetianto, Programme Manager	13-Jan-2022
	Verified legal template by DocuSigned by:  Dikot Harahap, Head of QARE	13-Jan-2022
Non-financial partnership agreement (MoU, NDA, or SoI) does not require clearance by the Head of FRMU.	Financial Agreement with Donor To review budget, cost recovery, schedule of payments, GMS rate <sup>4</sup> , banking info, and other financial related content: DocuSigned by:  Linda Hartono, Head of FRMU	14-Jan-2022
Lo/RPA/LVGA less than \$50,000 can be signed by the Team Leader/Unit Head	Financial Agreement with Donor (including Pro-Bono and In-Kind Contribution) To confirm the programmatic content of the agreement: DocuSigned by:  Siprianus Bate Soro, Head DGPRU	14-Jan-2022
Lo/RPA/LVGA at \$50,000 and above can be signed by the DRR	Financial Agreement with Donor  Sophie Kemkhadze, Deputy Resident Representative	

Note for using DocuSign:

- Please include John Benjamin for "Needs to Initial" before the Head of FRMU signature.
- Please include Ari Pratama for "Needs to Initial" before the Head of QARE.
- Please include Pramudita Lestari for "Needs to View" before the DRR signature.

<sup>1</sup> Legal document signing is based on the RR Interoffice Memorandum on Revision to the Delegation of Authority (DoA) Framework, dated 29 January 2021.

<sup>2</sup> POPP Templates and Forms (Select Responsible Parties and Grantees Guideline - Table 1: Legal instruments Used by UNDP to Engage a Responsible Party):

[https://popp.undp.org/\\_layouts/15/WopiFrame.aspx?sourceid=UNDP\\_POPP\\_DOCUMENT\\_LIBRARY/Public/PPM\\_Design\\_Select%20Responsible%20Party%20and%20Grantees.docx&action=default](https://popp.undp.org/_layouts/15/WopiFrame.aspx?sourceid=UNDP_POPP_DOCUMENT_LIBRARY/Public/PPM_Design_Select%20Responsible%20Party%20and%20Grantees.docx&action=default)

<sup>3</sup> BERA Financing Agreements and Templates: <https://intranet.undp.org/unit/ob/resmob/SitePages/Financing-Agreements-and-Templates.aspx>

<sup>4</sup> GMS Rates for Donor Agreements:

[https://popp.undp.org/\\_layouts/15/WopiFrame.aspx?sourceid=UNDP\\_POPP\\_DOCUMENT\\_LIBRARY/Public/FRM\\_Resource%20Planning%20and%20Cost%20Recovery\\_Cost%20Recovery\\_Cost%20Recovery%20from%20Other%20Resources%20-%20GMS%20.docx&action=default](https://popp.undp.org/_layouts/15/WopiFrame.aspx?sourceid=UNDP_POPP_DOCUMENT_LIBRARY/Public/FRM_Resource%20Planning%20and%20Cost%20Recovery_Cost%20Recovery_Cost%20Recovery%20from%20Other%20Resources%20-%20GMS%20.docx&action=default)

**AMENDMENT No. 1 TO THE TECHNICAL ASSISTANT ARRANGEMENT FOR THE IMPLEMENTATION OF  
THE GLOBAL FUND MALARIA PROGRAM  
BETWEEN  
UNITED NATIONS DEVELOPMENT PROGRAMME (UNDP)  
AND  
THE MINISTRY OF HEALTH OF REPUBLIC OF INDONESIA AS THE PRINCIPAL RECIPIENTS OF THE GLOBAL  
FUND FOR MALARIA PROGRAM**

Reference is made to the Technical Assistant Arrangement for the Implementation of the Global Fund Malaria Program (hereinafter referred to as "Arrangement"), entered into on 4<sup>th</sup> May 2021 by and between the United Nations Development Programme (hereinafter referred to as "UNDP"), and the Ministry of Health of Republic of Indonesia as the Principal Recipients of the Global Fund for Malaria Program (hereinafter referred to as the "Principal Recipient").

WHEREAS the Principal Recipient and UNDP have agreed to amend the Arrangement in order to include new technical assistance, increase the amount and adjust the schedule of payments;

NOW THEREFORE, the Parties agree:

1. The relevant Arrangement provisions indicated below are hereby amended as follows:
  - (a) Paragraph 1 of the Arrangement is hereby amended in its entirety to read as follows:  
The Principal Recipient hereby agrees to engage the UNDP to provide the Principal Recipient with the following technical assistance (the "Technical Assistance"/ ToR as Annex I):
    - Financial management
    - Programme Management
      - Technical Support to Digital Health for Malaria Surveillance Program
      - Provision of Malaria Cadre Kits
      - Improving National Laboratory Capacity in Responding to COVID-19 Response
  - (b) Paragraph 7 of the Arrangement is hereby amended in its entirety to read as follows:
7. The UNDP will receive payment for its technical assistance which will be transferred directly by the Global Fund with the amount and schedule of payment as follows:

Schedule of payments	Amounts
Transfer from balance in year 2020	USD 430,317.15
January 2022	USD 2,749,138.13
January 2023	USD 385,791.63

Detailed Budget is available on TOR under point 4. Budget Requirement.

- (c) Annex I— Terms of Reference in Annex I of this Amendment is added to the Arrangement to replace the Annex I and Annex II in original Technical Assistant Arrangement



2. Except as expressly modified herein in accordance with paragraph 1, all other terms of the Arrangement as previously amended shall remain unchanged and shall continue in full force and effect.
3. This Amendment will come into effect as of the date of last signature hereof by UNDP and the Principal Recipient.

In witness whereof, UNDP and the Principal Recipient have signed this amendment.

For UNDP:

For the Ministry of Health of the Republic of

Indonesia as the Principal Recipients of the Global  
Fund for Malaria Program:



Norimasa Shimomura

Resident Representative

Date:



Dr. drh. Didik Budijanto, M.Kes

Authorized Signatory for GF Malaria Programme

Date: 8 February 2022

**ANNEX I****TERMS OF REFERENCE**

**UNDP Technical Cooperation for the HIV, Tuberculosis and Malaria grants funded by the Global Fund to Fight AIDS, Tuberculosis and Malaria implemented by the Ministry of Health**

**Technical Assistant Arrangement for the Implementation of the Global Fund Malaria Program**

**Period: 1 January 2021 to 31 December 2023**

<b>Institution</b>	<b>UNDP Indonesia</b>
<b>Outcomes</b>	<ol style="list-style-type: none"> <li>1. Global Fund (GF) resources used for the intended purposes in compliance with GF rules, policies and procedures and properly recorded and accounted for including successful projects closure.</li> <li>2. Improved projects governance, oversight, and monitoring using advanced management tools to ensure quality, timeliness, efficiency, and compliance.</li> <li>3. Enhanced personnel and system effectiveness driving improvement in the project governance.</li> </ol>
<b>Activity Performance Indicators</b>	<ol style="list-style-type: none"> <li>1. Quality assured and timely financial report submissions and assurance review support</li> <li>2. A new financial management information system- Microsoft Dynamics 365 Business Central implemented at the PR and SRs level</li> <li>3. Enhanced capacity, policy dissemination and governance oversight</li> <li>4. Quality malaria programmatic activities are conducted on time</li> </ol>
<b>Output</b>	<ol style="list-style-type: none"> <li>1. Enhanced PRs' financial management performance; and</li> <li>2. Sound grants management system and accounting, HR and procurement ERP software for the Ministry of Health Principal Recipients.</li> <li>3. PR programmatic and grants management capacity strengthened.</li> </ol>

1. **Background:** The United Nations Development Programme (UNDP) is the UN's global development network, advocating for change and connecting countries to knowledge, experience, and resources to help people build a better life, as envisaged in the 2030 Agenda for Sustainable Development Goals (SDGs). Through an integrated team operating at the global, regional, and country levels we are on the ground in more than 170 countries and territories, working with governments and people on their own solutions to global and national development challenges to help empower lives and build resilient nations.

UNDP is a co-sponsor of several international health partnerships. Since 2003, we have been in partnership with the Global Fund, supporting about 20 countries to manage resources for actions on SDG 3. UNDP's work on HIV, health and development, as described in the HIV, Health and Development Strategy 2016-2021: Connecting the Dots, leverages UNDP's core strengths and mandates in human development, governance and capacity development to complement the efforts of specialist health-focused UN agencies. The work falls within three inter-connected areas of action: (i) reducing inequalities and social exclusion that drive HIV and poor health; (ii) promoting effective and inclusive governance for health; and (iii) building resilient and sustainable systems for health.

In 2007, UNDP started to provide technical assistance to Indonesia's MoH to implement the Global Fund grants. In 2012, in partnership with the Australian Government Department of Foreign Affairs and Trade, UNDP started to provide technical support to Indonesia's Country Coordinating Mechanism (CCM) and its technical working group to monitor GF grant performance and provide oversight.

Recently, UNDP Indonesia formed the Health Governance Initiative (HEART) cluster to support Indonesian Government on national health policy, institutional strengthening, and to improve national health system and service delivery which aimed at creating a sustainable positive impact to vulnerable and poor people.

**2. Global Fund – Indonesia:** The Global Fund has provided grant funds to the Government of Indonesia in the amount of US\$972 million to fight HIV, Tuberculosis (TB) and Malaria, as well as to strengthen the health system. There are six active grants in the current GF implementation period (2018- 2020) with a total budget of US\$264 million. The Ministry of Health (MoH) is a Principal Recipient (PR) for the Global Fund's HIV, TB, and malaria grants, with a total budget of US\$208 million (2018-2020). The MoH is supported by several Sub-recipients (SR) in implementing each grant and to achieve the national program results. Currently, the ministry is in the process of developing the proposals for the period 2021-2023 with the ceiling amounts estimated in the range of US\$ 293 million.

The Global Fund as a performance-based financing institution has terms and conditions related to the financial reporting of the Grant Agreement signed with the PRs. These terms and conditions require the submission of quality and timely reports. Besides, the financial reporting, the grants are modelled along critical financial management accountability and compliance frameworks which are based on the Global Fund rules and regulations.

**3. Technical Assistance:** Through 2018, The Global Fund, the MoH and the CCM identified recurring financial management issues impacting on the grant management and timely delivery and quality reports. These issues constituted to be a risk to the Principal Recipients who bears overall responsibility for the implementation of the Global Fund financed programme. Between 2018 and 2019, the MoH requested the support of UNDP to address financial management reporting issues and to review the current accounting Financial Management Information System (FMIS) to ensure that the ministry could provide quality and timely financial reports to the Global Fund. Against this backdrop, it became necessary to provide a comprehensive Technical Assistance to the ministry through a strategic response mechanism (SURGE) between January 2019 through December 2020. The broad outcomes were aligned along three core change elements: **People, Technology; and Process**- necessitating the design of the technical assistance to focus on human resources, technology transformation and process/policy reengineering. Specifically, the support sought to achieve the following broad outcomes:

1. Quality assured and timely reporting;
2. Strengthened Financial Management Information system;
3. Improved Human Resources that is aligned to better financial management;
4. Enhanced capacity, policy dissemination and governance oversight
5. Support related to the implementation of Malaria Programmatic activities

Across all the four outcomes, some broad results were achieved: (1) At least fifty four mandatory reports due to the Global Fund were submitted on a timely manner and to acceptable quality, as well as various ad hoc reports; (2) the procurement of the FMIS was concluded with Microsoft Dynamics 365 business central ERP solution selected through a long evidence based competitive process, (3) A major remuneration framework development and benchmarking process was launched with the report expected by end of June 2020 (4) The Global Fund annual audits for the three PRs were all concluded and reports submitted to the Global Fund at least 1-2 months before the official deadline which was a major departure from the past. While a lot was achieved in the period through June 2020, the long process of procurement of the FMIS, recruitment of TA staff for some positions; and a generally ambitious time earlier set impacted the programme.

#### **4. Proposal for January 2021 – December 2023**

In spite of the achievements, the period of December 2020 marked with delayed of the introduction of Microsoft Dynamics 365 Business Central as strategic drivers for new remuneration framework. While improvement was obvious in around **financial reporting**, the process remains unsustainable across the PRs as significant technical support and reliance remain placed on the TA team. The FMIS having just been procured and system development and roll out on going, sustained technical support from UNDP TA to manage and supervise full rollout process to ensure its successful implementation as per specifications and high standards of public financial management is required. The FMIS implementation assumes an eighteen (18) months contract with six (6) months implementation followed by twelve months post implementation support, with subsequent 24 (Twenty-four) months support options contracts split into Twelve (12) months each. The implementation plan points to FMIS go-live being in 2021 which will be most critical as the system acceptance sign off is modelled along the production of actual outputs. Besides the envisioned changes to be brought by new FMIS, the period from 1 January 2021 will also see the implementation of a new remuneration framework. The FMIS implementation, HR systems support, and financial reporting is expected to continue through 2021. All reporting and related tools during this period will be based on parallel systems i.e Minimum of six months post go live transition phase where the ministry will run both old and the new systems. UNDP will provide the necessary support to ensure seamless transition through end of 2021.

While implementing the Financial technical management, UNDP extended the assistance to programmatic aspect as requested by the PR for 3 programmatic activities: 1. Technical Support to Digital Health for Malaria Surveillance Program; 2. Provision of Malaria Cadre Kits and; 3. Capacity building for national reference laboratory in conducting Genomic Sequencing of SARS-CoV-2.

The planned activities and outcomes planned for the period are set as follows:

##### **1. Quality assured and timely financial report submissions and assurance review support**

- 1.1 Continued support the production of reports in as well and supporting audit and LFA reviews through closure of the current grants from January 2021 – December 2023;
- 1.2 Ensure that the following deliverables are submitted on time, consistent with the PR's financial records and in line with Global Fund requirements.

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Annual Tax report <sup>2</sup>					•		•				•	
Semi-annual PU report <sup>3</sup>					•		•				•	
Annual PUDRs <sup>4</sup>	•								•			
External Audit reports <sup>5</sup>		•								•		

## 2. A new financial management information system- Microsoft Dynamics 365 Business Central implemented

- 2.1 Supervise the FMIS post installation support through December 2023;
- 2.2 Support the installation of the new IT hardware/infrastructure at MoH data center and supervise the data transfer from temporary 3rd party cloud hosting service to MoH data center;
- 2.3 Act as the project/contract manager for the new accounting software post implementation period through December 2023;
- 2.4 Supervise the implementation of additional requirements and customizations beyond the scope of initial FMIS ToR;
- 2.5 Provide technical on the job MS Dynamics resource support, including, but not limited, to provide (refresher) training to both PR and SRs' users in PR Malaria MOH up to December 2023;
- 2.6 Support the production of first set of reports through the new system and support the government towards final system testing and acceptance sign off;
- 2.7 Maintain the post implementation FMIS issue log and supervise the resolution of all issues through the post implementation period;
- 2.8 Review post implementation user confidence, and working environment and lead technical negotiations and discussions with FMIS vendor on future support framework that can minimize user dependence on vendor support and related maintenance cost for sustainability.

## 3. Improved Human Resources that is aligned to better financial management

- 3.1 Continued support for the roll out of the newly developed salaries and remuneration framework;
- 3.2 Supervise the roll out of a new Microsoft Dynamics performance management information system, leave management and other HR functions in the system;
- 3.3 Support initial centralized payroll processing in Microsoft Dynamics;
- 3.4 Work with PMUs towards the development and signing of new performance contracts effective 2021 based on the new salary and remuneration framework;

<sup>1</sup> 25th of the month following end of quarter i.e. April, July, October, January

<sup>2</sup> 31 July

<sup>3</sup> 15 August

<sup>4</sup> 28 February

<sup>5</sup> 30 June

- 3.5 At the request from the PMUs, provide recruitment support for all: PMUC, FC and HRC-positions;
  - 3.6 Support and participate in the initial annual PR senior finance and programme staff performance objectives setting for 2021.
- 4. Enhanced capacity, policy dissemination and governance oversight**
- 4.1 Review the current PRs financial and operational policies and procedures and recommend necessary amendments in the light of the new technology transformation;
  - 4.2 Supportive supervision including support during audit and other assurance related review.
- 5. Support related to the implementation of Malaria Programmatic activities**
- 5.1 Through collaboration between UNDP and WHO to support quality assurance for malaria microscopy by make standard slide and develop electronic malaria standard blood slide bank.
  - 5.2 Technical Support to Digital Health for Malaria Surveillance Program. Evaluate and review the SISMAL V2 application to find out the challenges and issues in responding to the needs of the malaria program information system to improve the use of SISMAL as a malaria program information system application and improve data analysis functions
  - 5.3 Provision of Malaria Cadre Kits. Provision of equipment for malaria cadres to carry out their functions in the prevention of malaria in areas outside high endemic districts / cities and special populations. The cadre kit contains equipment, including: Cadre bag, Vest, Hand sanitizer, Flashlight, Scoop with a Long stalks, 250 ml glass bottle/cup, Plastic pipette with long tube, Magnifying glass, Examination gloves, Medical safety box, Trash bag, Scales (for adult), Timer, Thermometer, Tissue. Distribution of cadre kits according to the allocation per province. The target areas for providing cadre kits are areas outside high endemic districts / cities and special populations, which detailed into implementation TOR.
  - 5.4 Improving National Laboratory Capacity in Responding to COVID-19 Response. Laboratory Capacity Development in Genomic Sequencing of SARS-CoV-2 through provision of whole genomic sequencing machines for early detection of new variant of SARS-COV-2 mutated genes.
- 5. Budget Requirement: Financing needed in the implementation of the FISCAL YEAR 2021-23 towards the support for Malaria Programme management units to this emend.**
- Original approved budget for in TAA agreement date 23<sup>rd</sup> April 2021 for 2021 – 2023 at sum of USD 538.374,97.
  - Additional approved budget to cover new activities at a sum of USD 3.026.871,95.
  - Total approved budget for 2021-2023 TAA agreement to this emend at sum of USD 3.565.246,92

DESCRIPTIONS	2021-2023 Period				Comments
Activity Result	2021	2022	2023	2021-23	
Activity Result 1: 1. Quality assured and timely financial report submissions and assurance review support					
Team Leader & TA Finance Team at PR Malaria MOH	142.878,00	132.039,00	121.200,00	396.117,00	Fee for finance team on annual basis (based on historical cost)
Activity Result 2: 2. A new financial management information system- Microsoft Dynamics 365 Business Central implemented					
Software implementation (MS Dynamics maintenance+support+license+cloud+ server) & consultants for 6 mos to ensure smooth go-lives & effectiveness implementation up to 1st semester of the new grant.	-	74.733,87	50.333,87	125.067,73	1. Software implementation: Covers FMIS licence maintenance and related support (only covered for 2021 in the current contract). 2. Hardware: Preliminary amounts based on: Finance staff only (number of users) required carry over 2020 budget
Hardware infrastructure Laptops	12.542,33	15.542,33	15.542,33	43.627,00	
FMIS training to SRs of PR Mal MOH and join field visit with UNDP FMTA team	43.097,00	110.039,69	28.800,00	181.936,69	
Activity Result 3: Improved human resources that is aligned to better grants management					
HR Team (for finalization of SOP HR & set-up payroll in the FMIS for ATM)	-	27.000,00	36.000,00	63.000,00	new request due to implementation of withholding tax for PMU staff
Recruitment support	-	-	-	-	
Activity Result 4: Enhanced capacity, policy dissemination and governance oversight					
Development of and Training/Socialisation of new policies and procedures	-	-	-	-	
Project Management meeting/workshop (IT, Audit, HR, reporting)	-	5.000,00	5.000,00	10.000,00	Regular meeting with UNDP on spending and/or for IT team regarding to the super user of FMIS
Activity Result 5: Improved procurement and fund management related support					
Procurement and Logistics Coordinator	-	-	-	-	
Activity Result 6: Enhanced direct programme implementation and achievements					
<b>Malaria Programme</b>					
Slide standards and Malaria diagnosis laboratory systems (BL 14-15)	33.994,25	-	53.365,33	87.359,58	2021-23 PR proposal
Evaluation and review SISMAL (BL 52)	9.609,21	-	-	9.609,21	2021-23 PR proposal
Health Management Information System: Develop SISMAL using DHIS2 - via TA consultant (BL 53 & 56)	139.380,76	29.647,40	29.647,40	198.675,57	2021-23 PR proposal
Procurement of Malaria Cadre Kits (carry over from 2020 Budget)	-	82.732,21	-	82.732,21	carry over 2020 budget
Procurement of Whole Genome Sequencing of SARS-CoV-2	-	2.071.889,47	-	2.071.889,47	2021-23 PR CRM funds, procurement of Whole Genome Sequencing, Reagents and after sales supports, delivery and meetings
<b>Total Required Budget</b>	<b>381.501,56</b>	<b>2.548.623,97</b>	<b>339.888,93</b>	<b>3.270.014,46</b>	TRUE
Project management	20.664,00	20.664,00	20.664,00	61.992,00	
GMS	28.151,59	179.850,16	25.238,71	233.240,45	
<b>TOTAL BUDGET FOR MALARIA COMPONENT</b>	<b>430.317,15</b>	<b>2.749.138,13</b>	<b>385.791,63</b>	<b>3.565.246,92</b>	TRUE
				TRUE	TRUE

6. **Reporting:** UNDP shall provide annual/end of project reports to the Principal Recipients and the Director General's Office. The reports will include, without limitation, a status update on the general challenges faced in performing the functions of the team. The reports will be sent with a copy to Indonesia country team.

7. **Implementation:** The procurement of goods and services and the recruitment of project and programme personnel, as well as contract management by the UNDP Indonesia country office will be in accordance with UNDP regulations, rules, policies and procedures.

8. **Support framework:** The proposed multiphase TA will be based on UNDP's support framework which is anchored on the following core principles:

- National ownership, UNDP support will be designed based on MoH prioritized capacity needs
- Alignment to national strategies and policies
- Complementarity and coordination between existing initiatives
- Efficiency and Effectiveness in achieving results
- Sustainability when designing solutions and recommending intervention

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The United Nations Development Programme (UNDP) presents its compliments to the Permanent Mission of Japan to the United Nations and has the honor to refer to the latter's Note Verbale No. SC/22/035 dated 2 March 2022, concerning the Japanese contribution of eighty three million seven hundred ninety seven thousand eight hundred and sixty-six US dollars (US\$ 83,797,866) (hereinafter referred to as "the Grant") to UNDP for the execution of its projects listed in the Attachment (hereinafter referred to as "the Projects") and for the payment for the Coordination Levy (details attached).

The UNDP wishes to thank the Government of Japan for its generous offer and confirms its acceptance.

The UNDP will assure that:

- (1) UNDP will notify the Government of Japan in writing of the number and type of US dollar bank account of UNDP (and the name and address of the bank) in which the Government of Japan is to deposit the Grant.
- (2) The Grant (excluding the Coordination Levy) will be used immediately, appropriately and exclusively for the execution of the earmarked Projects.
- (3) Every effort will be made to publicize and increase the visibility of the Japanese contribution through, for example, issuing press releases, organizing launching ceremonies, as well as attaching the Japanese national flag, printing "From the People of JAPAN" on UNDP's equipment procured with the Grant, or placing sign boards which identify the contribution of the Government of Japan in appropriate places. However, UNDP will immediately consult with the Government of Japan when UNDP determined that such actions may jeopardize the United Nations privileges and immunities provided under the 1946 Convention on the Privileges and Immunities of the United Nations and the safety and security of UN and UNDP staff. The Government of Japan understands that the UNDP equipment and vehicles routinely carry the UNDP logo and other indications of ownership prominently displayed.
- (4) A detailed report on the use and effect of the Grant will be submitted to the Embassy of Japan in the country, or in charge of the country, where each project will take place, upon completion of the earmarked project and upon request. A copy of the report will be submitted to the Permanent Mission of Japan.
- (5) The Grant (excluding the Coordination Levy) will be credited to UNDP accounts in the year



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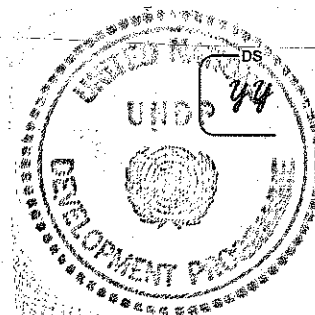
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received.

- (6) The earmarked Projects will be implemented in accordance with the project documents, and UNDP will carry out the activities in accordance with its regulations, rules, policies and procedures.
- (7) With the understanding that the activities would be subject exclusively to the internal and external audit laid down in UNDP Financial Regulations and Rules, UNDP will make available relevant reports related to such audit expeditiously to the Permanent Mission of Japan upon its request.
- (8) The Government of Japan and UNDP will consult with each other in respect of any matter that may arise from or in connection with the Grant.
- (9) After the completion of the earmarked Projects, the unused balance of the Grant will be refunded to the Government of Japan as soon as possible.

UNDP avails itself of this opportunity to renew to the Permanent Mission of Japan to the United Nations the assurances of its highest consideration.

2 March 2022



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(Attachment1)

The Grant is earmarked for the following projects:

## List of projects

Country (or Region)	Project Title	Budget (USD)
<b>1. Support to Afghanistan: USD 64,120,370</b>		
Afghanistan	Support the local socio-economic resilience and community recovery in Afghanistan	Amount: 64,120,370 Project Cost: 64,120,370 Coordination Levy: N/A
<b>2. Support to Middle East, North Africa and Europe: USD 6,526,138 (4 projects)</b>		
Yemen	Emergency Water, Sanitation and Hygiene (WASH) Support for Crisis Affected Communities in Hadramout	Amount: 1,277,472 Project Cost: 1,277,472 Coordination Levy: N/A
Iraq	Support Social Stability in Iraq through Preventing Violent Extremism	Amount: 2,552,268 Project Cost: 2,526,998 Coordination Levy: 25,270
PAPP	Maintaining critical health, border and trade facilities impacted by COVID-19 and extreme weather in the West Bank and Gaza Strip	Amount: 1,436,398 Project Cost: 1,422,176 Coordination Levy: 14,222
Tunisia	Emergency Action for political, social, and economic stabilization in Africa through Japan-UNDP partnership towards Building Back Better	Amount: 1,260,000 Project Cost: 1,247,525 Levy: 12,475
<b>3. Support to Sub-Sahara Africa: USD 11,299,508 (3 projects)</b>		
Nigeria	Support for stabilization and early recovery of the conflict-affected communities in North-East Nigeria	Amount: 4,277,166 Project Cost: 4,234,818 Coordination Levy: 42,348
Equatorial Guinea	Support towards the improvement of the city of Bata's environmental conditions after the 7 March explosions	Amount: 695,342 Project Cost: 688,457 Coordination Levy: 6,885
Regional	LIPTAKO-GOURMA STABILISATION FACILITY (LGSF)	Amount: 6,327,000 Project Cost: 6,264,356 Coordination Levy: 62,644
<b>4. Support to Asia: USD 1,851,850 (2 projects)</b>		

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Vietnam	Support to strengthening national vaccine access and health system capacity for Viet Nam's response to Covid-19	Amount: 925,925 Project Cost: 916,757 Coordination Levy: 9,168
Indonesia	Enhancing Supply Chain Management System for Vaccination in Responding Pandemic in Indonesia	Amount: 925,925 Project Cost: 916,757 Coordination Levy: 9,168

	Program Cost (USD)	Coordination Levy (USD)	Total Amount (USD)
<b>Grand Total</b>	83,615,686	182,180	<b>83,797,866</b>

\*General Management Support Service fee ("GMS") of 8% (to be charged by UNDP) is included in total amount of each project cost.

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(Attachment 2)

**Coordination Levy**

Pursuant to paragraph 10 (a) of United Nations General Assembly Resolution 72/279 dated May 31, 2018, the Government of Japan shares the recognition that one percent of the Project Cost referred in the Attachment 1 of the Japanese Note Verbal SC/22/035 dated March 2, 2022 to UNDP, which amounts to one hundred eighty two thousand and one hundred and eighty US dollars (US\$ 182,180) (hereinafter referred to as “the Coordination Levy”), will be paid to fund the United Nations Resident Coordinator System. The Grant, which includes the Coordination Levy thereof, will be transferred to UNDP at the designated bank account in due course. The Coordination Levy will be held in trust by UNDP until transfer to the United Nations Secretariat for deposit into the United Nations Special Purpose Trust Fund for the reinvigorated Resident Coordinator System, which has been established to fund the UN Resident Coordinator System and is managed by the United Nations Secretariat.

The Government of Japan acknowledges that once the Coordination Levy has been transferred by UNDP to the United Nations Secretariat, UNDP is not responsible for the use of the Coordination Levy and does not assume any liability. The fiduciary responsibility lies with the United Nations Secretariat as the manager of the Resident Coordinator System.

The Coordination Levy does not form part of the cost recovery of UNDP and is additional to the costs of UNDP to implement the Projects covered by the Grant. Accordingly, UNDP will not be obliged to refund the Coordination Levy, in part or in full, even where the Projects covered by the Grant is not carried out in full by UNDP. However, as deemed necessary by the Government of Japan and especially where the scale of the resources concerned or reputational risk justifies the refund transaction costs, the Government of Japan can submit a request for refund to the United Nations Secretariat directly or through UNDP. The responsibility to refund the Coordination Levy lies with the United Nations Secretariat, and not with UNDP.



GOVERNMENT OF INDONESIA  
UNITED NATIONS DEVELOPMENT PROGRAMME  
Project Budget

Award ID: 00106768  
Award Title: Health Governance Initiative (HEART)

Award & Project Numbers:

Award#	Project#	Title
00106768	00107345	PIP - Increased government capacity on health policy development
	00108050	PIP - Institutional strengthening government and non-government
	00119508	Strengthened national policy and institutional environment
	00119509	Performance of national programmes is improved
	00126904	TA MTC ATM in Indonesia
	00127136	TAA The Global Fund for AIDS, TB, and Malaria

Actual/Planned Budget Totals by Year in US Dollars

Project Years -->	2018	2019	2020		2021	2022	Total Budget
Project #	Expenditures	Expenditures	Expenditures	Commitment	Budget	Budget	
00107345	158,546.44	280,812.81	(8.58)				439,350.67
00108050	307,640.69	580,847.21	83.88				888,571.78
00119508	-	-	69,940.85	19,846.88	127,317.00	-	217,104.73
00119509	-	-	2,072,763.76	1,913,225.24	1,570,360.00	48,992.00	5,605,341.00
00126904					239,980.00	50,173.85	290,153.85
00127136					793,600.00	1,398,497.93	2,192,097.93
							-
Total Gross Budget	466,187.13	861,660.02	2,142,779.91	1,933,072.12	2,731,257.00	1,497,663.78	9,632,619.96

Start Year: 2018

End Year: 2022

Budget Financing (in US\$)			
INPUTS	PREVIOUS REV	CURRENT REV	VARIATION
UNDP			
04000 - TRAC 1	41,055.84	41,055.84	-
04010 - TRAC 2	166,344.07	166,344.07	-
11854 - The Australian DFAT	1,126,462.11	1,126,462.11	-
00132 - Government of Indonesia (GFATM)	5,771,900.40	5,850,321.62	(78,421.22)
11536 - TB Care 'Aisyiyah	82,477.32	82,477.32	-
12149 - GAVI	2,365,959.00	2,365,959.00	-
TOTAL	9,554,198.74	9,632,619.96	(78,421.22)

Executing Agent DIM

Brief Description:

Budget revision under Health Governance Initiative Project is prepared :
- To adjust budget under output #119508 donor DFAT in 2021 from USD 116,027.91 become USD 127,317
- To adjust budget under output #119509 donor GAVI in 2021 from USD 1,580,890 become USD 1,570,360 and shift the balance to fiscal year 2022
- To adjust budget under output #126904 donor DFAT in 2021 from USD 251,746.78 become USD 239,980 and shift the balance to fiscal year 2022
- To adjust budget under output #127136 donor Global Fund in 2021 from USD 365,498.51 become USD 793,600 and shift the balance to fiscal year 2022 since the remaining balance from output #119509 has been carried over to output #127136 as the donor are same
- There was miscalculation on the previous budget revision on the total CSA with Global Fund, instead of USD 5,771,900 should be USD 5,850.321.62 (detailed information attached)
- AWP 2022 will be discussed in the next Project Board Meeting

Approved by:	Signature:	Name/Title:
UNDP		<div>DocuSigned by: Sophie Kemkhadze 59CCEEA3E014DD... Sophie Kemkhadze Deputy Resident Representative</div>



**MINISTRY OF HEALTH REPUBLIC OF INDONESIA**  
**DIRECTORATE GENERAL**  
**PREVENTION AND CONTROL OF DISEASE**

H.R. Rasuna Said Street, Block X-5 Plot 4-9, Jakarta 12950  
Telephone (62-21) 4247608 (Hunting), Facsimile (62-21) 4207807



February, 25, 2022

Ref : PM.01.01/III/ 1189 /2022

Attachment : 1 exp

Subject : **Provision of Whole Genome Sequencing (WGS) Through UNDP Supported by The Global Fund**

Dr. Norimasa Shimomura  
Resident Representative  
United Nations Development Programme in Indonesia  
Menara Thamrin Building, 8th-9th Floor  
Jl. M.H. Thamrin Kav. 3 Jakarta 10250, Indonesia

In regards to the support from UNDP to procure a set of whole genome sequencing (WGS) supported by The Global Fund through Covid-19 Response Mechanism (C19RM), herewith we would like to provide a justification and a list of equipment that is proposed to be procured. The list of equipment attached to this letter is different from the one that has been proposed through the Amendment of the Technical Assistance Arrangement due to there is an update from the technical team who has reviewed the condition and situation in the field in which it will be operationalized the WGS.

Thanking you for your kind attention and cooperation.

Sincerely yours,

**Dr. dr. Maxi Rein Rondonuwu, DHSM, MARS**  
Director General of Disease Prevention and Control

**Attachment 1. List of Updated WGS Machine**

WGS Machine Type	Disease Component Allocation	Previous/Approved Figures			Updated Figures		
		Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
Gridlon MK1	TB	5	49,955	249,775	5	49,955	249,775
	Malaria	1		49,955	1		49,955
Minlon MK1C	TB	0	18,785	-	3	18,785	56,354
Miseq	Malaria	2	514,030	1,028,059	1	514,030	514,030
	TB	8		4,112,236	5		2,570,148
Nextseq 2000	Malaria	1	1,591,783	1,591,783	1	1,423,076	1,423,076
Novaseq 6000	TB	1	2,611,795	2,611,795	1	2,611,795	2,611,795
Total	TB	14		6,973,806	14		5,488,072
	Malaria	4		2,669,797	3		1,987,060
	TB & Malaria	18		9,643,603	17		7,475,132

**Attachment 2. List of Additional Equipment (Other Than Machine)**

No	Equipment	Total Unit	Total Amount (IDR)	Total Amount (USD)
1	UPS uninterrupted	11	100,000,000	7,059
2	Computer	10	315,000,000	22,236
3	Refrigerated centrifuge	5	750,000,000	52,942
4	Plate centrifuge	5	2,525,000,000	178,237
5	Microcentrifuge	1	168,800,000	11,915
6	Qubit/Nanodrop	13	4,160,000,000	293,651
7	BSC Class II	1	134,000,000	9,459
8	Magnetic Stand	14	590,000,000	41,648
9	Plate shaker	12	675,000,000	47,648
10	Thermal cycler konvensional	4	1,240,000,000	87,530
11	Gel elfor/reader	3	2,000,000,000	141,178
12	Freezer-80	1	330,000,000	23,294
13	Magnetic separator	5	170,000,000	12,000
14	Hula mixer	5	125,000,000	8,824
15	Liquid handling	8	37,467,236,000	2,644,777
	<b>Total</b>		<b>50,750,036,000</b>	<b>3,582,398</b>



**Attachment 3. Justification for WGS Procurement. Selecting best option for value for money and long-term benefit of purchased Goods (WHS)**

- 1. Availability of Next generation sequencing (NGS) equipment currently being used in Indonesia (Location, amount, and type of technology)**

Province	Institution	Current condition	
		Amount	Machine type
Aceh	Balai Litbangkes Aceh	1	Sanger
Banten	FK UIN	1	MinION
DKI Jakarta	PBTDK-Badan Litbangkes	1	MiSeq
		1	Sanger
	PPOMN (BPOM) Jakarta	1	MiSeq
	FK UI	1	MiSeq (IMERI)
		1	MinION
	Genomik Solidaritas Indonesia	1	GridION
		1	MinION Mk1c
Jawa Barat	Labkesda Prov Jawa Barat	1	Nextseq 550
	SITH-ITB	1	MinION Mk1C
	BRIN (LIPI dan Pusat Riset Biologi Molekular Eijkman)	2	MinION Mk1C
		1	PromethION
		1	MiSeq
		1	Novaseq 6000
		1	NextSeq 550 (Eijkman-RSCM)
		1	Sanger
	IPB	1	MinION
	Univ Padjajaran	1	MiSeq
	B2PVRP Salatiga	1	Sanger
	Dinkes Prov Jawa Tengah (Labkesda	1	MiSeq

	Jateng)		
DIY	BTKLPP Jogja	1	MiSeq
	UGM	1	NextSeq 550
	BBVet Wates-Kementan	1	MiSeq
Jawa Timur	ITD UNAIR	1	MiSeq
	Univ Brawijaya	1	MinION Mk1C
Papua	Balai Litbangkes Papua	1	MiSeq
		1	Sanger

**Note:**

**Orange highlight:** the institute is not part of the national SARS-CoV-2 sequencing lab network yet, as of Minister of Health Regulation No. HK.01.07/MENKES/4842/2021. The remaining institutes are, which as part of the network, the MoH Republic of Indonesia provided the sequencing reagent, **except**, GSI, which is a private company.

**2. Validated sequencing method by the national reference laboratory**

- Illumina (reagent: COVIDseq): protocol ARTIC
- Nanopore: protocol ARTIC or Midnight

**3. Main technical specifications required by the national reference lab for the next generation sequencing equipment**

- availability of local technical support and product specialist
- availability of equipment and reagent distributor
- the equipment has well-established protocol for COVID19 sequencing
- running time not longer than 72 hours
- has been used by another laboratory in Indonesia, and widely used by scientist worldwide
- low error rate
- user-friendly interface and protocol
- not lower than 48 samples/run
- running cost benefit
- compatible to liquid handling platform

**4. Government expected cost/test**

context: SARS-CoV-2 WGS (**unless stated otherwise**)

running cost per samples: if used on max (incl. extraction and plastic consumables)

Machine type	Expected cost per test
Illumina-Miseq	IDR 3.140.000
Illumina-NextSeq500	IDR 1.400.000
Illumina-Novaseq6000	IDR 1.330.500 (SARS-CoV-2) IDR 42.700.000 (human genome)
Nanopore-MinION Mk1c	IDR 773.130
Nanopore-GridION	IDR 773.130

**5. The expected average running costs/year**  
context: SARS-CoV-2 WGS

1 year= 52 weeks

WGS system	sampel per run	run per week	52 weeks	price per sample	price per run	price 52 weeks
Illumina Miseq	48	1	52	IDR 3.140.000	IDR 150.720.000	IDR 7.837.440.000
Illumina Next seq	384	1	52	IDR 1.400.000	IDR 537.600.000	IDR 27.955.200.000
Illumina Novaseq	3.072	1	52	IDR 1.330.000	IDR 4.085.760.000	IDR 212.459.520.000
Nanopore-Minion	96	1	52	IDR 773.130	IDR 74.220.480	IDR 3.859.464.960
Nanopore-Grid Ion	480	1	52	IDR 773.130	IDR 371.102.400	IDR 19.297.324.800

**6. Local authorized/official local service providers for installation, maintenance and repair availability in Indonesia**

- Illumina: yes
- Thermo: yes
- Oxford: No, maintained remotely by UK Office, with certified local technician while site visit is needed.

## 7. Justification of requesting procurement of WGS with specific technology

Province	Institution	Equipment	Sequencing Capacity (Estimated samples/week)
Sumatera Utara	Universitas Sumatera Utara	MinION	48
Sumatera Barat	Universitas Andalas	Miseq	96
Batam	BTKLPP Batam	Gridlon	240
Kalimantan Timur	Universitas Mulawarman	MinION	48
Kalimantan Barat	Universitas Tanjung Pura	MinION	48
Jawa Barat	SITH-ITB	GridION	240
Jawa Tengah	Universitas Diponegoro	GridION	240
Sulawesi Utara	Universitas Sam Ratulangi	Miseq	96
Sulawesi Selatan	Universitas Hasanuddin	GridION	240
	BBLK Makassar	Miseq	96
Maluku	BTKLPP Ambon	GridION	240
NTT	RSUD Johannes NTT	Miseq	96
Papua Barat	RSUD Papua Barat	Miseq	96
Jawa Tengah	BPVRP Salatiga	MiSeq	96
Jakarta	National Reference Lab (Litbangkes)	NextSeq 2000 GridION	864
	Rumah Sakit Cipto Mangunkusmo (RSCM)	Novaseq 6000	3072

Note: The sample estimation was calculated based on :

- positivity rate in the region
- machine maximum capacity
- human resources experience in performing sequencing

### **MiSeq-Illumina NGS Technology**

**Location: RSUD Papua Barat, RSUD Johannes NTT, BBLK Makasar, Universitas Andalas, Universitas Sam Ratulangi and BBVRP Salatiga**

The MiSeq System facilitates the clinic or hospital provincial level laboratory with a wide range of sequencing applications. It can automate paired-end reads and up to 15 Gb per run, delivering over 600 bases of sequence data per reading. The library prep kits it uses are optimized for various applications, including targeted genes, small genome, amplicon sequencing, 16S metagenomics, and more. It can support the advance diagnostic to surveillance necessities.

In Indonesia, Illumina has highly committed local support. They ensure the availability of equipment on time, installation, user training from the wet lab to the bioinformatics platform, good after-sales service, continuous reagent supply, and the spare part of the equipment.

RSUD Papua Barat, RSUD Johannes NTT, and BBLK Makasar are new users of NGS technology, and local support guidance is needed. The Standard Operation Protocol of Illumina is firm and easy to follow. In addition, due to geographical reasons, we will establish a MiSeq technology environment that opens the possibility to sharing the experience among the user and streamline problem-solving in the event of issues with reagents, running, etc. Besides these three laboratories in the Papua region, Papua Health Research and Development Center also uses MiSeq.

Placement MiSeq in Universitas Andalas (Sumatra), Universitas Sam Ratulangi (Sulawesi), and BBLK Makasar regarding the assessment of acceptability, readiness, ability, and particular necessity to administer MiSeq Technology. MiSeq supports both surveillance for the national program and research and development for universities.

The Center for Disease Vector and Reservoir Research and Development (BBVRP), Salatiga, is part of the National Institute of Research and Development (NIHRD), which has the capacity for molecular examination and WGS. Based on the assessment, BBVRP is considered capable and adequate to receive and operate the WGS MiSeq machine by the needs and readiness of existing facilities and human resources.

### **Next-Seq, Illumina NGS Technology**

**Location : National Laboratory of Infectious Disease Research, National Institute of Health Research and Development (NIHRD), Jakarta**

The NextSeq Systems is a convenient system to support emerging and mid-throughput sequencing applications and a broad range of methods such as exome sequencing, target enrichment, single-cell profiling, transcriptome sequencing, and more. They offer 120 GB bases output and are applicable for Whole Genome Sequencing of viruses, bacteria, parasites, and humans. It also supports shotgun metagenomic study and multi-omics.

The placement of Nextseq in national laboratories aimed to enhance the capacity of WGS analyses now being performed. The competency of human resources, infrastructure, and finance as a national reference laboratory for Covid molecular and WGS examination is considered adequate to accommodate an increase in the number of examinations. The acquisition of a high-throughput machine such as Nextseq will improve the national laboratory's role as a reference laboratory.

## **NovaSeq**

**Location : Rumah Sakit Cipto Mangunkusmo (RSCM), Jakarta**

The NovaSeq 6000 is Illumina's fastest production scale sequencing instrument. For WGS, its scalable output generates up to 6 Tb and 20 billion reads in dual flow cell mode with simple streamlined automated workflows. Configure the system to sequence a trio in one day or up to 48 genomes in ~2 days for the most comprehensive coverage. Besides WGS, it can be applied for exome genome sequence and transcriptomic sequence.

Its capacity support for National scale of pathogen surveillance as well as population study in the human genetic project. We placed this high-throughput equipment in RSCM to enhance the human genome project. The laboratory of RSCM has adequate infrastructure and human resources to administer the operation of NovaSeq.

## **MINION**

**Location: Universitas Sumatera Utara, Universitas Mulawarman, and Universitas Tanjung Pura**

Minion is a Lightweight and portable single sequencer machine by Oxford Nanopore Technology. It is suitable for Whole genomes/exomes, Metagenomics, Targeted sequencing, Whole transcriptome (cDNA), Smaller transcriptomes (direct RNA), and Multiplexing for smaller samples. The yield is 50 Gb per MinION Flow Cell / 2.8 Gb per Flongle Flow Cell.

Although Oxford Nanopore has no local support office in Indonesia and even in another country, ONT is committed to giving excellent service to its users regarding reagent supply, user training, troubleshooting, and other after-sales services. Some of Indonesia's ONT users testified that ONT quickly responds to any query and consultancy.

We placed Minion in Universitas Sumatera Utara, Universitas Mulawarman, and Universitas Tanjung Pura regarding the capacity of this university's human and financial resources to ensure the sustainability of

equipment usage. As the scholar community, the university is less dependent on the local support since they can troubleshoot, adapt a custom or new protocol of ONT, and actively communicate with ONT center principles in the UK.

## **GRIDION**

**Location: BTKLPP Ambon, BTKLPP Batam, Universitas Hasanudin, Universitas Diponegoro, National Lab NIHRD Jakarta**

Gridion is the higher throughput sequencer than Minion from ONT. It produced a 150 GB yield and powerful onboard data processing and analysis, minimizing IT requirements. This equipment is applicable for larger genomes or projects, whole transcriptomes (direct RNA or cDNA), and large samples. It is suitable either for a particular study project or genomic surveillance.

Although Oxford Nanopore has no local support office in Indonesia and even in another country, ONT is committed to giving excellent service to its users regarding reagent supply, user training, troubleshooting, and other after-sales services. Some of Indonesia's ONT users testified that ONT quickly responds to any query and consultancy.

Placement of Gridion in BTKLPP Ambon, BTKLPP Batam, UNHAS, UNDIP refer to the assessment that maps their readiness, capacity, and ability. BTKLPP is a referral laboratory that trains human resources in any laboratories work. University is expected to administer the sustainability of Gridion usage for research and surveillance. These loci are also considered less dependent on local support since their ability to troubleshoot, adapt a custom or new protocol of ONT, and actively communicate with ONT center principles in the UK.

Placement of the GridION sequencing machine in the National laboratory is carried out after an assessment of the readiness of the laboratory facilities and human resources. As a national reference, the national laboratory is expected to have the capacity of WGS sequencing with various methods and systems to enhance the speed and capacity of the examination. It can also be used as a reference if new examination methods based on Next generation sequencing technology are developed or updated in the future for both SARS COV 2 virus examination and examination. genomics and other transcriptomics As reference laboratories, national laboratories must be able to adapt to a variety of technologies and systems. As a consequence, a high-throughput sequencing engine such GridION was prepared to be placed at this location.

## Summary Assessment of Site Capacity

This summary also justify for the need of additional procurement to strengthen Genomics Sequencing Labs networks capacity

### Tracker: Infrastructure

Minimum requirement : space availability, stable electricity and internet network, completed with essential supporting equipments

No	Institution	Structure and Facility			Essential supporting equipment										
		Available room	Electricity incl UPS	Computer and Internet	Centrifuge	Qubit /Nano drop	LAF	BSC Class II	Magnetic Stand	Plate shaker	Thermal cycler	Gel electrophoresis	Refrigerator	Freezer -20	Freezer -80
1	Universitas Sumatera Utara			Computer		Q									
2	Fakultas Kedokteran Universitas Andalas					Q									
3	STKLPP Kelas I Batam	Need a dedicated room for new sequencer	UPS		Plate	N									
4	Instalasi Lab Terpadu RSCM				Microcentrifuge										
5	Institut Teknologi Bandung				Plate	Q, N									
6	Universitas Diponegoro		UPS	Computer		Q			Need new magnetic rack						
7	RSUP Sanglah*		UPS	Computer	Plate and refrigerator	Q									

■ Not yet available  
■ Available



## Tracker: Infrastructure

Minimum requirement : space availability, stable electricity, an internet network, completed with essential supporting equipments

No	Institution	Structure and Facility			Essential supporting equipment										
		Available room	Electricity incl UPS	Computer and Internet	Centrifuge	Qubit / Nanodrop	LAF	BSC Class II	Magnetic Stand	Plate shaker	Thermal cycler	Gel electrophoresis reader	Refrigerator	Freezer -20	Freezer -80
8	Universitas Tanjungpura				plate and micro	Q									
9	Universitas Mulawarman				Plate	Q,N									
10	BTKLPP Ambon		UPS		Plate										
11	RSUD Prof. DR. W. Z. Johannes Kupang	Sequencing room													
12	Universitas Sam Ratulangi				Plate	Q,N									
13	Balai Besar Laboratorium Kesehatan Makassar		bawaan alat, kapasitas < 5jam												
14	Universitas Hasanudin					Q									

Not yet available

Available

## Tracker: Infrastructure

Minimum requirement : space availability, stable electricity, an internet network, completed with essential supporting equipments

No	Institution	Structure and Facility			Essential supporting equipment										
		Available room	Electricity incl UPS	Computer and Internet	Centrifuge	Qubit / Nanodrop	LAF	BSC Class II	Magnetic Stand	Plate shaker	Thermal cycler	Gel electrophoresis reader	Refrigerator	Freezer -20	Freezer -80
15	RSUD Papua Barat	Sequencing room	UPS	Computer	plate	Q									
16	PBTDK -Uitbangkes					Q dan N									
17	BBVRP Salatiga														

Not yet available

Available

## Tracker: Human Resources

Minimum requirements: Supervisor (2), wet lab (2 for cDNA until PCR, 2 for library prep), dry lab (2 for bioinformatics analysis), admin (1 for data manager, 1 for financial, 1 for secretariate)

No	Institution	Supervisor				Lab Technician				Admin
		GLP certificate	Molecular analysis	Bioinformatics	Biosafety and Biosecurity certificate	GLP certificate	Molecular analysis	Bioinformatics	Biosafety and Biosecurity certificate	
1	Universitas Sumatera Utara	1 dari 12	12				7			7
2	Fakultas Kedokteran Universitas Andalas	1	6	2	1	-	-	-	-	17
3	BTKLPP Kelas I Batam	1 dari 2					4 out of 12		4 out of 12	3
4	Instalasi Lab Terpadu RSCM									4
5	Institut Teknologi Bandung		10	2			6			3
6	Universitas Diponegoro		9	2	4		6			3
7	RSUP Sanglah				1 out of 6		2			4
8	Universitas Tanjungpura		4 out of 5	2 out of 5	1 out of 5		2			8
9	Universitas Mulawarman				4		6 1 out of 6 hands on sequencing			3

Does not have ability yet

Min 1 person does have ability

## Tracker: Human Resources

Minimum requirements: Supervisor (2), wet lab (2 for cDNA until PCR, 2 for library prep), dry lab (2 for bioinformatics analysis), admin (1 for data manager, 1 for financial, 1 for secretariate)

No	Instansi	Supervisor				Teknisi lab				Admin	No
		GLP certificate	Molecular analysis	Bioinformatics	Biosafety and Biosecurity certificate	GLP certificate	Molecular analysis	Bioinformatics	Biosafety and Biosecurity certificate		
10	BTKLPP Ambon	2						4 person but no experience on doing sequencing			0
11	RSUD Prof. DR. W. Z. Johannes Kupang	1 out of 4	2 out of 4	4	1 out of 4	2	10 person but no experience on doing sequencing				2
12	Universitas Sam Ratulangi	2						4 person but no experience on doing sequencing			0
13	Balai Besar Laboratorium Kesehatan Makassar						4			4	2
14	Universitas Hasanudin	6				7 1 person hands on sequencing					3
15	RSUD Papua Barat					14					2
16	PBTDK-Litbangkes	1				4	5	1		4	3
17	BBVRP Salatiga	1				3	3	3		3	5

Does not have ability yet

Min 1 person does have the ability

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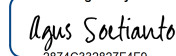
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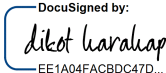


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