

Annex 4: Input from Japanese Side

4-1 List of Japanese Experts

(1) Long-Term Experts

No	Field in charge	Name	Affiliation	Period of Dispatch				2019		2020				2021				2022				2023				2024				2025											
				From	To	Days	M/M	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q								
1	Chief Advisor /Training	Akio Goto	---	Oct-19	Dec-21	792	26.0	■	■	■	■	■	■	■	■	■	■																								
2	Project Coordinator /Human Resource Development	Shunsuke Matsumoto	---	Oct-19	Jan-22	819	26.9	■	■	■	■	■	■	■	■	■	■																								
3		Osamu Sato	---	Oct-21	Present (Oct-23)	361	11.9										■	■	■	■	■	■	■	■	■	■															
4	Rice Research	Shu Komatsubara	---	Oct-19	Present (Sep-24)	1,096	36.0	■	■	■	■	■	■	■	■	■	■	■																							
5	Project Coordinator /Extension	Juri Sakai	---	Jan-21	Present (Sep-23)	612	20.2										■	■	■	■	■	■	■	■	■																
6	Market-Oriented Rice Development Approach	Ami Soda	---	Sep-22	Present (Sep-24)	8	0.3																																		
							Total	121.0																																	

(2) Short-Term Experts

No	Field in charge	Name	Affiliation	Period of Dispatch				2019		2020				2021				2022				2023				2024				2025										
				From	To	Days	M/M	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q							
1	Rice cultivation	Tatsushi Tsuboi	---	Nov-19	Dec-19	23	0.8	■																																
2	Agribusiness	Naoyoshi Kawano	Rural Development Institute Co., Ltd.	Nov-19	Mar-20	122	4.1	■	■																															
3		Ryuji Shishito	NTC International Co., Ltd.	Apr-21	Jul-21	89	3.0							■																										
4	Baseline survey (agribusiness)	Keiko Itagaki	RECS International, Inc.	Jun-20	Oct-20	131	4.4			■	■	■																												
5	Rice breeding	Ryoichi Ikeda	JAICAF	Aug-20	Sep-20	12	0.4			■																														
6				Jul-21	Aug-21	25	0.8										■																							
7	Post-harvest	Yasunobu Kudo	Task Co., Ltd.	May-21	Jun-21	60	2.0									■																								
8	Research field improvement	Masaya Negishi	NTC International Co., Ltd.	May-21	Jul-21	65	2.2									■	■																							
9	Nutrition baseline survey	Yukiko Kawahara	NTC International Co., Ltd.	May-21	Jul-21	39	1.3									■	■																							
							Total	19.0																																

(3) Project Management Advisory Mission and other mission from JICA HQ

No	Field in charge	Name	Affiliation	Period of Dispatch				2019		2020				2021				2022				2023				2024				2025										
				From	To	Days	M/M	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q							
1	Agricultural Mechanization	Tsuneo Oishi	JICA	Jun-22	Jul-22	26	0.9																																	
2	Senior Advisor	Jiro Nozaka	ELICO Ltd	Jun-22	Jul-22	47	1.6																																	
							Total	2.5																																

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4-2-1 List of Counterpart Personnel Trained in Japan (including on-line training)

(1) Long-term Training in Japan (Agri-NET)

* Agri-Net: Agriculture Studies Networks for Food Security

No.	Type of Training	JFY	Course Title	Center in-charge /Host university	Start Date	End Date	Months	Name of Participant	Title of Participant	Organization of Participant	Remark
1	Long term training (Agri-Net)	2021	MSC in safe and reliable agricultural production (Prof. Sasaki)	Yamagata University	Jun-21	Jun-23	25	Simbarashe Mubambwe	Principal Agricultural Officer, North-western province	Ministry of Agriculture	
2			PhD in agriculture water management (Prof. Hyodo)	Tottori University	Nov-21	Sep-24	35	Alex Kabwe	Principal Irrigation Engineer-Hydraulic Structures, Technical Service Branch (HQ)	Ministry of Agriculture	
3		2022	MSC in international agricultural development (Prof. Irie)	Tokyo University of Agriculture	Sep-22	Aug-24	24	Mabvuto Phiri	Technical Research Assistant, Mansa research station, ZARI	Ministry of Agriculture	

(2) Short-term (KCCP Region and Group Focused)

* KCCP: JICA Knowledge Co-Creation Program

No.	Type of Training	JFY	Course Title	Center in-charge /Host university	Start Date	End Date	Days	Name of Participant	Title of Participant	Organization of Participant	Remark
1	KCCP Region and Group Focused	2019	Agricultural Extension Planning and Management	JICA Tsukuba	6-Oct-19	2-Nov-19	28	Chate Godwin	Provincial Agricultural Coordinator, Luapula province	Ministry of Agriculture	
2			Improvement of Rice Cultivation Techniques (For Extension Officers)	JICA Tsukuba	8-Mar-20	16-Oct-20	223	Sikanyika Isaac	Crop Husbandry Officer, Lunga district, Luapula province	Ministry of Agriculture	
3		2020	Development of Core Agricultural Researcher for Promotion of Rice Production in Sub-Saharan Africa	JICA Chubu	9-Feb-21	24-Feb-21	16	Lorna Kanguya	Technical Research Assistant, Mt. Makulu research station, ZARI	Ministry of Agriculture	Online
4			Rainfed Rice Cultivation, Seed Production and Variety Selection Techniques	JICA Tsukuba	19-Oct-20	30-Jul-21	285	Sinoya Mukalipi	Technical Research Assistant, Longe sub-research station, ZARI	Ministry of Agriculture	Online
5			Improvement of Rice Cultivation Techniques (For Extension Officers)	JICA Tsukuba	22-Mar-21	30-Nov-21	254	Robert Phiri	Crop Husbandry Officer, Mansa district, Luapula province	Ministry of Agriculture	Online
6		2021	Promotion of Agriculture Mechanisation for Africa (A)	JICA Tsukuba	25-Oct-21	22-Dec-21	59	Joseph Benard Phakati	Chief Engineer - Agricultural Mechanization, Technical Service Branch	Ministry of Agriculture	Online
7								Masauso Ndhlovu	Senior Agriculture Specialist - Mechanization, Copper belt province	Ministry of Agriculture	Online
8			Development of Core agricultural research for promotion of rice production in Sub-saharan Africa	JICA Chubu	21-Oct-21	26-Nov-21	37	Kaponda Bwalya	Technical Research Assistant, Mongu research station, ZARI	Ministry of Agriculture	Online
9								Ireen Ngulube	Agriculture Research Officer, Mansa research station, ZARI	Ministry of Agriculture	Online
10		Soil Diagnosis and Improvement Technology for Sustainable Agricultural Production	JICA Hokkaido (Obihiro)	22-Sep-21	16-Nov-21	56	Violet Nkhoma	Chief Technical Research Assistant, Mt. Makulu research station, ZARI	Ministry of Agriculture	Online	
11		Rainfed Rice Cultivation, Seed Production and Variety Selection Techniques	JICA Tsukuba	13-Mar-22	26-Nov-22	259	Derick Mumba	Technical Research Assistant, Mansa research station, ZARI	Ministry of Agriculture		
12		Plant Variety Protection and Quality Control System of Seeds to Facilitate Distribution of High Quality Seeds	JICA Tsukuba	22-Aug-22	6-Oct-22	46	Thandiwe Mphande	Senior Seed Inspector, SCCI (HQ)	Ministry of Agriculture	Online	
13		Maintenance, Operation and Management of Irrigation Facilities (Online)	JICA Hokkaido (Obihiro)	29-Aug-22	28-Sep-22	31	Mwenya Sampule	Senior Irrigation Engineer, Copperbelt province	Ministry of Agriculture	Online	

Annex 4: Input from Japanese Side

4-2-2 List of Counterpart Personnel Trained in the Third Country

(1) Third Country Training

No.	JFY	Course Title	Center in-charge /Host university	Start Date	End Date	Days	Name of Participant	Title of Participant	Organization of Participant	Remark
1	2022	Improvement of Rice Cultivation Techniques and Rice Production	Egyptian International Centre for Agriculture (EICA)	1-Sep-22	3-Oct-22	33	Osbert Hamweete	Principal Agricultural Officer, Luapula province	Ministry of Agriculture	Online (14 online interactive sessions)

Annex 4: Input from Japanese Side

4-3-1 List of Equipment A (Purchased as donation to C/P)

#	ITEM	Description	Date of Acquisition	Date of Hand-over	Amount	Unit Price (JPY)	Total Price (JPY)	Installation Site
1	Tractor	TAFE 6015 4WD, with Disc Plough (AF3), Disc Harrow (GHO), Half Cage Wheel, Rotary Tiller and Flail Mower	9-Dec-20	27-Apr-21	1	4,353,894	4,353,894	Mansa Research Station, ZARI
2	Motorbike	Honda XL125LEK, RED	5-Feb-21	23-Mar-21	13	382,058	4,966,749	MoA in Luapula Province
3	Motorbike	Honda XL125LEK, RED	27-Sep-21	10-Nov-21	36	388,980	14,003,267	19 for MoA in Luapula, 6 for Central, and 11 for Western province

Annex 4: Input from Japanese Side

4-3-2 List of Equipment B (Project use. Items valued at more than JPY50,000)

#	ITEM	Description	Date of Acquisition	Date of Hand-over	Amount	Unit Price (JPY)	Total Price (JPY)	Installation Site
1	Grain rigidity tester	043019-C	28-Jan-20		1	231,000	231,000	Mt.Makulu
2	De-stoner	HC-361	28-Jan-20		1	99,605	99,605	Mt.Makulu
3	Seed counter	WAVERIC-VA240V	28-Jan-20		1	551,650	551,650	Mt.Makulu
4	Crop sampler (circle)	ET	28-Jan-20		2	82,500	165,000	Mt.Makulu
5	Laptop	HP ProBook450 G5	20-Dec-19		5	67,644	338,220	Mt.Makulu
6	Photocopier	Canon imagerUNNER ADVANCE C3530i	20-Dec-19		1	486,673	486,673	MoA HQ
7	iPhone	SE 64GB	21-Jan-21		10	61,340	613,400	Mt.Makulu
8	UPS	APC1500VA LCD 230V	21-Jan-21		4	70,267	281,068	MOA, Mt.Makulu
9	Convection ovens	WFO-1020W	18-Oct-21		1	489,000	489,000	Mt.Makulu
10	Rice husker	FC2R	18-Oct-21		1	148,000	148,000	Mt.Makulu
11	Photocopier	Advance DX 3725i	20-Aug-21		1	723,517	723,517	Mt.Makulu
12	Rotating laser level	LL300S	14-Jun-21		1	186,900	186,900	Mt.Makulu
13	Portable Soil pH/Eh Meter	Portable Soil pH/Eh Meter	14-Jun-21		1	114,400	114,400	Mt.Makulu
14	Eh Electrode set	For Portable Soil pH/Eh Meter	14-Jun-21		1	56,300	56,300	Mt.Makulu
15	Data logger	ZL6	14-Jun-21		6	149,900	899,400	Mt.Makulu
16	Grain rigidity tester	20kg(196N)	14-Jun-21		1	192,200	192,200	Mt.Makulu

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4-3-3 List of Equipment C (Handed-over to C/P after the use by the project)

#	ITEM	Description	Date of Acquisition	Date of Hand-over	Amount	Unit Price (JPY)	Total Price (JPY)	Remark
1	SUV	Mitsubishi Pajero (white, 3000CC)	Acquired By RDP	22-Mar-22	1	N/A	N/A	Purchased by RDP in 2015, BAD6041
2	SUV	Mitsubishi Pajero LWB3.2 (white, 3200CC)	Acquired By RDP	22-Mar-22	1	N/A	N/A	Purchased by RDP in 2016, BAD7321
3	SUV	Mitsubishi Pajero LWB3.2 (white, 3200CC)	Acquired By RDP	22-Mar-22	1	N/A	N/A	Purchased by RDP in 2016, BAD 7322

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4-3-4 List of Vehicles Provided for the Project

#	ITEM	Description	Date of Acquisition	Date of Hand-over	Amount	Unit Price (JPY)	Total Price (JPY)	Remark
1	Pickup truck	Mitsubishi Sportero L200 (blue, D/Cab, 3000CC, 2016)	Acquired By RDP		1	N/A	N/A	Purchased by RDP in 2016, BAD 7323
2	Pickup truck	Toyota Hilux Double Cabin (white, D/Cab, 2800CC, 2019)	5-Mar-20		1	4,592,712	4,592,712	BAP2449
3	SUV	Nissan Patrol GL (white, 2953CC, 2018)	13-Mar-20		1	4,896,558	4,896,558	BAP3367
4	SUV	Nissan Patrol GRX 4x4 (white, 4759CC, 2021)	21-Apr-22		1	6,096,100	6,096,100	BAV8920ZM
5	SUV	Nissan Patrol GRX 4x4 (white, 4759CC, 2021)	21-Apr-22		1	6,096,100	6,096,100	BAV8921ZM
6	SUV	Nissan Patrol GRX 4x4 (white, 4759CC, 2021)	21-Apr-22		1	5,936,870	5,936,870	BAV9546ZM

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4-4 List of Facility Developed/Improved

#	Input	Description	Period of Construction/Renovation		Approx. Total Cost (ZMW)
			Starting Date (Month and Year)	Completion Date (Month and Year)	
1	Improvement of a research field and field work space in ZARI Mt.Makulu	<ul style="list-style-type: none"> - Improvement and Maintenance of 1.5 ha irrigated field (sloped field and terraced field) - Construction of perimeter fence and gates - Construction of a 400m2 drying yard/work space - Installing a roofed work space/Storage in a container - Major leveling work of the entire irrigated field - Construction of a VIP latrine 	Feb-20	On-going	870,000
2	Renovation of training facilities in ZARI Mansa	<ul style="list-style-type: none"> - Construction of fence, gates, guard house and car park - Construction of composite house 	Dec-20	Mar-21	450,000
3	Construction of an irrigation research field in ZARI Mt.Makulu	<ul style="list-style-type: none"> - Construction of a 0.5 ha irrigated field - Construction of irrigation facilities including a pump house and an adjustment pond 	Sep-21	Feb-22	2,390,000
Total					3,710,000