Annex 5: List of Approved Projects – RSIF 2nd Call

1: Research Grants							
Proposal ID	Lead Applicant	RSIF AHU	Project Title	Email Address	Set Budget (USD)	Thematic Area	Period
3	Dr. Juma Selemani	Nelson Mandela African Institute of Science and Technology	Exploiting the potential of solar-powered cooler for vaccine and perishable foods storage in remote areas of Sub-Saharan Africa (SSA)	juma.selemani@nm-aist.ac.tz	84,000	MMME	2yrs
29	Dr. Jacqueline Kisato	Kenyatta University	Enhancing Biodegradable Sanitary Towel Production through Utilization of Seaweed and Banana Pseudo stem Residues: A Value Addition Strategy	kisato.jacqueline@ku.ac.ke	84,000	MMME	2yrs
22	Dr. Emmanuel Ndashimye	University of Rwanda	Agricultural Data from Acoustic Monitoring	ndashimye1980@gmail.com	84,000	ICTs	2yrs
20	Dr. Omar Gatera	University of Rwanda	Electromagnetic Compatibility Monitoring and Prediction Models for Biomedical Devices	ogatera@gmail.com	84,000	ICTs	2yrs
11	Dr. Gerard Rushingabigwi	University of Rwanda	Tools for Evaluating African Lakes	g.rushingabigwi@ur.ac.rw g.rushingabigwi@gmail.com	84,000	Food Security/ICTs	2yrs
12	Dr. Abigael Ampomah Adaku	University of Ghana	Innovating Out of the Street Food Challenges	aaadaku@ug.edu.gh	84,000	Food Security	2yrs
4	Prof. Onyewuchi Akaranta	University of Port Harcourt	Developing Orange Mesocarp and Red Onion Skin into Multifunctional Materials for Oilfield Applications	onyewuchi.akaranta@uniport.edu.ng	84,000	Energy	2yrs
8	Prof. Christopher Kasanga	Sokoine University of Agriculture	Practical development of microparticles-based assay for direct detection of viral RNA from non-invasive and complex animal matrices.	christopher.kasanga@sua.ac.tz	84,000	Food Security	2yrs
5	Prof. Robison Musembi	University of Nairobi	Self-Cleaning Solar Module for Enhanced Electrical Output	musembirj@uonbi.ac.ke	84,000	Energy	2yrs
28	Dr. Hudson A. Kalambuka	University of Nairobi	Deep Learning Approaches to Mineral Prospect Modelling of Rare Earths in Carbonatites	hkalambuka@uonbi.ac.ke	84,000	Energy/MMME	2yrs

2: Cooperability Grants							
Proposal ID	Lead Applicant	RSIF AHU	Project Title	Email Address	As per the budget template	Thematic Area	Period
1	Dr. Mathew Munji	Kenyatta University	An Integrated Near Infra-Red and Magnetic Field System for Non-Invasive Monitoring of body Glucose and Na+/K+ Concentration anomalies: for Diabetes/Cancer Diagnosis	munji.mathew@ku.ac.ke	50,000	MMME	2yrs
55	Dr. Louis Sibomana/ Dr. Kizitoi Mkurikeyeyezu	University of Rwanda	Infectious Diseases Outbreak Prediction using Geolocation Data with Machine Learning	lewis.sis@gmail.com	49,922	ICTs	2yrs
9	Dr. Vitalis Anye	Africa University of Science and Technology	Large-Scale Manufacturing of Personal Protective Equipment for the Medical Industry in Nigeria and Sub-Saharan Africa via 3D Printing	vanye@aust.edu.ng		MMME	2yrs

Key
MMME-Mining, Minerals and Materials Engineering