



**AFRICAN CENTER FOR DRUG RESEARCH, HERBAL  
MEDICINE DEVELOPMENT AND REGULATORY SCIENCE  
UNIVERSITY OF LAGOS, NIGERIA  
(ACEDHARS)**



**DLR 4.3: IMPROVED TEACHING AND RESEARCH ENVIRONMENT  
MILESTONES FORMULATION**

DLR Action plan	Result/Activity/Task	Expected Date of completion	Budget Estimates (USD)	Disbursement (USD/SDR/EUR)
DLI 4.3.1	<p><b>Procurement Exercise, Approvals and Stage 1 Construction of ACEDHARS Research Complex and Equipping of Building</b></p> <ul style="list-style-type: none"> <li>• Self-certification on institutional procurement rules</li> <li>• Preparation of procurement plan to reflect the details and specifications of the building to be built.</li> <li>• Request for Expression of interest</li> <li>• Tender opening and evaluation documents</li> <li>• Signed awarded contracts with bills of quantity</li> <li>• All documents posted on center's website</li> <li>• Environmental and Social Management Plan (ESMP) conformity certificate available and uploaded in the website</li> <li>• Purchase of equipment for the building laboratories 1</li> </ul>	10/12/2022	120, 684.59	300,000 220,000 SDR
DLI 4.3.2	<p><b>Stage 2 Construction of ACEDHARS Research Complex and Equipping of Building</b></p> <ul style="list-style-type: none"> <li>• Completion of substructure</li> <li>• Construction of the Superstructure to level of Casting of Ground floor columns</li> <li>• Purchase of equipment for the building laboratories 2</li> <li>• Self-certification on institutional procurement rules</li> </ul>	5/07/2023	456,990.06	300,000 220,000 SDR

DLI 4.3.3	<p><b>Completion of Construction of ACEDHARS Research Complex and Equipping of Building</b></p> <ul style="list-style-type: none"> <li>• Completion of Building including finishing and fittings</li> <li>• Purchase of equipment for the Building laboratories 3</li> <li>• Self-certification on institutional procurement rules</li> <li>• Commissioning of the ACEDHARS' Complex and usage of the facilities</li> <li>• Pictures of the completed ACEDHARS' Complex (in use by students) uploaded on the center's website</li> <li>• Procurement contract of the equipment upload on the center website</li> <li>• Receipt/Delivery notes, inspection and full installation of equipment upload on the center website</li> <li>• All equipment purchased are in operation, clearly marked as property of the institution, and registered in the institution's asset register</li> <li>• Training of personnel to run the equipment</li> <li>• 100% construction completion certified by an architect/engineer by the AAU/WB</li> <li>• Pictures of the completed building and equipment in use upload on the center' website</li> </ul>	14/12/2023	301,191.64	300,000 220,000 SDR
<b><u>TOTAL</u></b>			878,866.29	900,000

## APPENDIX 1

### DETAILED TECHNICAL SPECIFICATIONS OF THE ACTIVITIES

#### DLI 4.3.1: Procurement Exercise, Approvals and Stage 1 Construction of ACEDHARS Research Complex and Equipping of Building

N°	ITEM	SPECIFICATION	QTY	UNIT COST	TOTAL COST
<b>MILESTONE 1 – ACTIVITIES 1</b>					
1.	Preliminaries			47.65	42,887.14
<b>SUB-TOTAL 1</b>					42,887.14
<b>MILESTONE 1 - ACTIVITIES 2</b>					
1.	Plethysmometer	Ugo Basile	1	18,461.21	18,461.21
2.	Passive avoidance step through	Ugo Basile	1	23,306.36	23,306.36
3.	Anymaze tracking software	Stoelting Co. Ltd, IL, USA	1	22,287.28	22,287.28
4.	Eppendorf Microcentrifuge (Refrigerated) Model: 5804R, refrigerated, 230V/50-60Hz	Eppendorf	1	13,742.60	13,742.60
<b>SUB-TOTAL 2</b>					77,797.45
<b>GRAND TOTAL</b>					120,684.59

#### DLI 4.3.2: Stage 2 Construction of ACEDHARS Research Complex and Equipping of Building

N°	ITEM	SPECIFICATION	QTY	UNIT COST	TOTAL COST
<b>MILESTONE 2 – ACTIVITIES 1</b>					
1.	Substructure			238.26	214,435.70
2.	Superstructural Works			146.15	131,534.86
<b>SUB-TOTAL 1</b>					345,970.56
<b>MILESTONE 2 - ACTIVITIES 2</b>					
1.	Leica VT1000 S Vibrating blade microtome	Leica Biosystem	1	33,885.56	33,885.56
2.	Leica DM4 microscope	Leica Biosystem	1	17,700.00	17,700.00
3.	Non-invasive blood pressure recorder 58500	Ugo Basile	1	11,413.80	11,413.80
4.	Agora maze-Sociobox method	Ugo Basile	1	10,624.19	10,624.19
5.	Electroconvulsimeter ECT Unit	Ugo Basile	1	14,701.70	14,701.70
6.	Applied Biosystems Thermal Cycler	ThermoFisher	1	15,480.36	15,480.36
<b>SUB-TOTAL 2</b>					103,805.61
<b>GRAND TOTAL</b>					449,776.17

**DLI 4.3.3: Completion of Construction of ACEDHARS Research Complex and Equipping of Building**

N°	ITEM	SPECIFICATION	QTY	UNIT COST	TOTAL COST
<b><i>MILESTONE 3 – ACTIVITIES 1</i></b>					
1.	Finishes			102.98	92,685.60
2.	Painting and Decorations			13.10	11,793.96
3.	Mech, Elect, HVAC & Piped Services			56.47	50,821.26
4.	External Works			15.72	14,149.93
5.	Site Works			35.74	32,165.35
6.	Inflation Allowance (Escalations)				9,146.60
7.	Professional Fees				73,178.05
8.	Contingency (Risk) Allowance				17,250.89
<b>SUB-TOTAL 1</b>					301,191.64
<b><u>GRAND TOTAL</u></b>					301,191.64