

Commission on Audit  
 Regional Office No. III/Stand Alone Agencies  
 Consolidated Quarterly Report on Government Projects/Programs/Activities  
**2019 GAA**  
 For the 1st Quarter, CY 2019

PHILIPPINE GOVERNMENT ACCOUNTS OFFICE  
 Office of the Auditor General  
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Annex "B"

Agency/Address	Project/Program/Activity Name	Location	Total Cost	Date Started	No. of Extension	Target Completion Date	Project Status			Remarks
							% Completion	Total Cost Incurred to Date	Total Cost Disbursed to Date	
PHILIPPINE CARABAO CENTER Science City of Munoz Nueva Ecija	<b>A. PROGRAM, GAA</b>									
	<b>I. General Administration and Support</b>									
	<b>a. General Administration &amp; Support Services</b>									
	1. General Management and Supervision	Nueva Ecija	8,971,500.00	Jan. 1, 2019		Dec. 31, 2019	68%	6,084,192.77	3,738,683.85	-on-going
	<b>II. Support to Operations</b>									
	<b>III. Operations</b>									
	<b>a. Formulation &amp; Monitoring of Plans, Programs &amp; Projects</b>	Nationwide	2,852,250.00	Jan. 1, 2019		Dec. 31, 2019	73%	2,083,832.77	1,479,521.27	-on-going
	<b>b. Intensification of the National Upgrading Program</b>	Nationwide	58,346,250.00	Jan. 1, 2019		Dec. 31, 2019	99%	58,572,744.37	39,829,466.17	-on-going
<b>c. Cartabao-based Enterprise Development</b>	Nationwide	4,492,250.00	Jan. 1, 2019		Dec. 31, 2019	85%	3,820,863.96	2,521,770.22	-on-going	
<b>Capital Outlay</b>										
Breeding Stock		2,500,000.00	Jan. 1, 2019		Dec. 31, 2019	0%			-on-going	
<b>d. Knowledge Management and Support Services</b>	Nationwide	2,706,250.00	Jan. 1, 2019		Dec. 31, 2019	97%	2,626,152.95	1,706,999.42	-on-going	
<b>e. Research and Development</b>	Nationwide	14,051,750.00	Jan. 1, 2019		Dec. 31, 2019	96%	13,770,715.00	10,052,621.95	-on-going	
<b>f. Animal Genetic Resource Conservation and Utilization</b>	Nueva Ecija	7,111,000.00	Jan. 1, 2019		Dec. 31, 2019	96%	6,968,780.03	5,435,648.43	-on-going	
<b>TOTAL 2018 GAA</b>			<b>102,031,250.00</b>				<b>92%</b>	<b>93,927,281.86</b>	<b>64,764,711.30</b>	

Prepared by:  <b>AIMEE T. FULGENCIO</b> Budget Officer	Certified correct:  <i>[Signature]</i> <b>LIZA G. BATTAD</b> Chief, Planning and Information Management Division	Certified correct:  <i>[Signature]</i> <b>CHERRY PEARL C. RIVERA</b> Accountant III	Approved:  <i>[Signature]</i> <b>ARNEL N. DEL BARRIO</b> Executive Director
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PHILIPPINE CARABAO CENTER  
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<b>PHILIPPINE CARABAO CENTER</b> Science City of Muñoz Nueva Ecija	<b>B. PROJECTS</b>  <b>1. LOCALLY FUNDED PROJECT</b> <b>1.1 DOST funded projects:</b> <i>Reproduction &amp; Physiology and Carabao-Based Enterprises</i> <b>a. Genome Analysis and Establishment of Germ Cell Cryopreservation Protocol for Philippine Natives Plgs.</b> <b>1.1.1 DOST - PCAARRD funded projects:</b> <i>Productions System and Nutrition, and Others</i> <b>a. Enhancing Milk Production of Water Buffaloes Through S &amp; T Interventions</b> <i>Production System &amp; Nutrition</i> 1. Development of Feeding Protocols and Practices to Support the Nutrition Requirement of Dairy Buffaloes <i>Reproduction &amp; Physiology</i> 2. Development of Reproductive Management Program for Increased Efficiency of AI in Dairy Buffaloes <i>Biosafety and Environment</i> 3. Development of Health Care Technologies and Practical Farm Practices in Support of Increasing Buffalo Milk Production <i>Product Development (Milk Processing Plant)</i> 4. Milk Quality and Safety Assurance from Farm to Milk Processing Plant <i>Carabao Based Enterprise Development (CBED)</i> 5. Strengthening San Agustin Crossbred Carabao-Based Enterprise Development (CBED) Model <i>Reproduction &amp; Physiology and Carabao-Based Enterprises</i> <b>b. Establishment of Dairy Cattle Foundation Breeder Herd thru ET Using Imported Pedigreed Frozen Embryos.</b> <b>c. Establishment of the Intellectual Property and Technology Business Management in the Philippine Carabao Center.</b>	Nationwide	2,239,900.00	April 1, 2016		March 31, 2020	45.88%	1,053,377.00	773,777.00	on-going
		Nueva Ecija & San Agustin, Isabela	12,124,986.00	Feb. 1, 2016	1	Oct. 31, 2019	94.00%	11,441,640.31	10,361,653.83	with approved extension letter
		Nueva Ecija & San Agustin, Isabela	22,418,650.00	Feb. 1, 2016	1	Oct. 31, 2019	82.94%	18,564,456.40	17,390,214.56	with approved extension letter
		Nueva Ecija & San Agustin, Isabela	10,895,839.00	Feb. 1, 2016	1	Oct. 31, 2019	84.41%	9,027,868.73	7,905,424.32	with approved extension letter
		Nueva Ecija & San Agustin, Isabela	9,222,390.00	Feb. 1, 2016	1	Oct. 31, 2019	99.33%	9,160,314.61	8,710,784.89	with approved extension letter
		San Agustin, Isabela	9,523,234.00	Feb. 1, 2016	1	Oct. 31, 2019	95.48%	9,188,161.97	8,585,749.64	with approved extension letter
		Nationwide	1,850,226.80	Dec. 1, 2016	1	Nov. 30, 2019	32.00%	1,150,329.57	1,032,503.94	on-going
		Nationwide	1,804,104.00	June 1, 2018		May 30, 2020	26.05%	470,677.08	242,904.07	on-going
	<b>Sub-Total</b>		<b>69,944,329.99</b>				<b>85.91%</b>	<b>60,087,034.67</b>	<b>55,644,192.44</b>	

Prepared by:  <b>AIMEE T. FULGENCIO</b> Budget Officer	Certified correct:  <i>[Signature]</i> <b>ANNABELLE S. SARABIA</b> Chief, Research and Development Division	Certified correct:  <i>[Signature]</i> <b>CHERRY PEARL C. RIVERA</b> Accountant	Approved:  <i>[Signature]</i> <b>ARNEL N. DEL BARRIO</b> Executive Director
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PHILIPPINE CARABAO CENTER Science City of Muñoz Nueva Ecija	1.2 Department of Agriculture (DA) funded project 1.2.1 Biotechnology Projects a. Department of Agriculture (DA) - BAR <i>Production System &amp; Nutrition</i>									
	1. Nutritive Value, Digestibility and Performance of Buffaloes using Banana By-Products and Water Lily as Alternative Feed Sources	Nationwide	4,218,032.00	April 1, 2017	2	Dec. 31, 2018	82.90%	3,496,889.00	2,894,658.65	on-going with request for extension
	2. Development of Sustainable Rice Straw Management Practices and Technologies for Ruminant Fodder in the Philippines (RiceStrawPH) - PCC Component	Nationwide	5,822,400.00	April 1, 2018		March 31, 2020	51.45%	1,831,232.40	1,077,430.85	on-going
	<i>Reproduction &amp; Physiology and National Impact Zone</i>									
	3. Utilization of Epididymal Sperm of Slaughtered Livestock for Basic Research using Assisted Reproductive Techniques (ART's).	Nationwide	4,479,356.00	Jan. 1, 2018		Dec. 31, 2019	40.43%	1,810,910.41	1,417,366.75	on-going
	b. Department of Agriculture (DA) - BAR through the DA Biotech Program (LBC) <i>Biosafety and Environment</i>									
	1. Operationalization of Livestock Biotechnology Center	Nationwide	11,255,192.70	Aug. 6, 2015	1	Feb. 28, 2019	100.00%	11,244,875.70	10,760,470.25	completed/ Unexpended Balances of P14,317 to be returned to BAR.
	2. Strengthening and Maximizing the Research Capability of the Livestock Biotechnology Center as Lead Coordinator of the Value Chain Based Livestock Biotechnology Research, Development and Extension Agenda.	Nationwide	18,258,631.60	Sept. 27, 2018		Sept. 26, 2020	33.07%	6,051,186.46	1,519,063.67	on-going
	3. Gene Expression Analysis and Detection of Heat Shock Protein (HSP70) and its Correlation with Buffalo Semen Quality and Seasonal Variation.	Nueva Ecija	5,305,200.00	Jan. 14, 2016	2	Jan. 13, 2019	95.19%	5,050,025.03	5,169,760.03	on-going with request letter for extension.
	<i>Reproduction &amp; Physiology and National Impact Zone</i>									
4. Improving Artificial Insemination Efficiencies Using Fertility Indexed Burls Selected by Fourier Harmonic Analysis and Screened From Environmental Instabilities	Nueva Ecija	7,801,309.20	Nov. 1, 2014	2	April 30, 2019	89.03%	6,946,808.07	6,877,208.07	on-going	
<i>Animal Genetic Resources Conservation and Utilization (Cryobanking)</i>										
5. Genetic Diversity of the Philippine Carabao Using mtDNA (COI) and Microsatellite Markers (FAD STRs)	Nationwide	10,896,482.00	Oct. 14, 2015	2	June 30, 2019	93.54%	10,192,101.53	9,918,573.57	on-going with approved extension letter.	
1.2 National Dairy Authority (NDA) funded project 1. Dairy Animal Buy-back Program	Nationwide	9,000,000.00	Jan. 1, 2018		Dec. 31, 2019	98.11%	8,830,000.00	8,200,000.00	on-going	
	Sub-Total		77,080,604.90				71.94%	55,452,929.10	47,734,529.87	
	Grand Total		147,024,934.80				78.59%	115,539,953.77	102,778,722.31	

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Chief, Research and Development Division

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