

Commission on Audit  
Regional Office No. III/Stand Alone Agencies  
Consolidated Quarterly Report on Government Projects/Programs/Activities  
**2019 GAA**  
For the 2nd Quarter, CY 2019

PHILIPPINE CARABAO CENTER  
Office of The AUDITOR  
**RECEIVED**  
**JUN 18 2019**

6/18

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	36,662,467.00	Jan. 1, 2019		Dec. 31, 2019	43%	15,750,731.05	11,474,953.78	-on-going
	<b>II. Support to Operations</b>									
	<b>III. Operations</b>									
	<b>a. Formulation &amp; Monitoring of Plans, Programs &amp; Projects</b>	Nationwide	21,378,000.00	Jan. 1, 2019		Dec. 31, 2019	32%	6,881,660.13	5,455,941.51	-on-going
	<b>Capital Outlay</b>									
	Communication Network		2,000,000.00	Jan. 1, 2019		Dec. 31, 2019	79%	1,575,900.00	-	-on-going
	ICT Equipment		18,305,000.00	Jan. 1, 2019		Dec. 31, 2019	90%	16,488,518.76	-	-on-going
	ICT Software		1,800,000.00	Jan. 1, 2019		Dec. 31, 2019	0%	-	-	-on-going
	<b>b. Intensification of the National Upgrading Program</b>	Nationwide	236,074,000.00	Jan. 1, 2019		Dec. 31, 2019	50%	119,139,331.48	80,379,848.08	-on-going
	<b>Capital Outlay</b>									
	Transportation Equipment		4,200,000.00	Jan. 1, 2019		Dec. 31, 2019	0%	-	-	-on-going
	<b>c. Carabao-based Enterprise Development</b>	Nationwide	17,969,000.00	Jan. 1, 2019		Dec. 31, 2019	23%	4,146,885.09	-	-on-going
	<b>Capital Outlay</b>									
	Breeding Stock		10,000,000.00	Jan. 1, 2019		Dec. 31, 2019	0%	-	-	-on-going
	<b>d. Knowledge Management and Support Services</b>	Nationwide	10,865,000.00	Jan. 1, 2019		Dec. 31, 2019	55%	5,964,740.46	3,934,550.50	-on-going
	<b>e. Research and Development</b>	Nationwide	88,354,000.00	Jan. 1, 2019		Dec. 31, 2019	43%	38,050,628.08	30,050,499.77	-on-going
	<b>Capital Outlay</b>									
	ICT Equipment		1,735,000.00	Jan. 1, 2019		Dec. 31, 2019	79%	1,375,000.00	-	-on-going
	ICT Software		655,000.00	Jan. 1, 2019		Dec. 31, 2019	0%	-	-	-on-going
	<b>f. Animal Genetic Resource Conservation and Utilization</b>	Nueva Ecija	28,444,000.00	Jan. 1, 2019		Dec. 31, 2019	45%	12,678,446.11	8,874,912.28	-on-going
<b>TOTAL 2019 GAA</b>			<b>478,441,467.00</b>				<b>46%</b>	<b>222,051,841.16</b>	<b>140,170,705.92</b>	

Prepared by:

AIMEE T. FULGENCIO  
Budget Officer

Certified correct:

LIZA G. BATTAD  
Chief, Planning and Information Management Division

Certified correct:

CHERRY PEARL C. RIVERA  
Accountant III

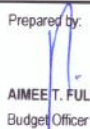



Approved:

ARNEL N. DEL BARRO  
Executive Director

PHILIPPINE CARABAO CENTER  
 Office of The AUDITOR  
**RECORDED**  
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Annex "B"

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



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PHILIPPINE CARABAO CENTER 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 Pigs.</b>	Nationwide	2,299,900.00	April 1, 2018		March 31, 2020	53.74%	1,235,939.50	1,161,299.50	on-going
	<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	Nueva Ecija & San Agustin, Isabela	12,124,986.00	Feb. 1, 2016	1	Oct. 31, 2019	96.87%	11,745,575.73	10,510,177.23	on-going
<i>Reproduction &amp; Physiology</i>										
2. Development of Reproductive Management Program for Increased Efficiency of AI in Dairy Buffaloes	Nueva Ecija & San Agustin, Isabela	22,418,650.00	Feb. 1, 2016	1	Oct. 31, 2019	82.33%	18,457,095.36	17,935,041.34	on-going	
<i>Biosafety and Environment</i>										
3. Development of Health Care Technologies and Practical Farm Practices in Support of Increasing Buffalo Milk Production	Nueva Ecija & San Agustin, Isabela	10,695,839.00	Feb. 1, 2016	1	Oct. 31, 2019	85.97%	9,194,953.25	8,355,861.39	on-going	
<i>Product Development (Milk Processing Plant)</i>										
4. Milk Quality and Safety Assurance from Farm to Milk Processing Plant	Nueva Ecija & San Agustin, Isabela	9,222,390.00	Feb. 1, 2016	1	Oct. 31, 2019	98.29%	9,064,532.21	8,894,548.86	on-going	
<i>Carabao Based Enterprise Development (CBED)</i>										
5. Strengthening San Agustin Crossbred Carabao-Based Enterprise Development (CBED) Model	San Agustin, Isabela	9,523,234.00	Feb. 1, 2016	1	Oct. 31, 2019	98.92%	9,419,997.29	8,892,406.03	on-going	
<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>	Nationwide	1,855,226.90	Dec. 1, 2016	1	Nov. 30, 2019	78.42%	1,454,797.19	1,151,177.96	on-going	
<b>c. Establishment of the Intellectual Property and Technology Business Management in the Philippine Carabao Center.</b>	Nationwide	1,804,104.00	June 1, 2018		May 30, 2020	27.83%	502,124.69	334,689.84	on-going	
<b>Sub-Total</b>			<b>69,944,329.90</b>				<b>87.32%</b>	<b>61,075,015.22</b>	<b>57,235,202.15</b>	
Prepared by:  AIMEE T. FULGENCIO Budget Officer	Certified correct:  ANNABELLE S. SARABIA Chief, Research and Development Division	Certified correct:  CHERRY PEARL C. RIVERA Accountant III	Approved:  ARNEL N. DEL BARRIO Executive Director							



Commission on Audit  
Regional Office No. III/Stand Alone Agencies  
Consolidated Quarterly Report on Government Projects/Programs/Activities  
**PROJECTS**  
For the 2nd Quarter, CY 2019

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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 2. Development of Sustainable Rice Straw Management Practices and Technologies for Ruminant Fodder in the Philippines (RiceStrawPH) - PCC Component. <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). b. Department of Agriculture (DA) - BAR through the DA Biotech Program (LBC) <i>Biosafety and Environment</i> 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". 3. Gene Expression Analysis and Detection of Heat Shock Protein (HSP70) and its Correlation with Buffalo Semen Quality and Seasonal Variation. <i>Reproduction &amp; Physiology and National Impact Zone</i> 4. Improving Artificial Insemination Efficiencies Using Fertility Indexed Bulls Selected by Fourier Harmonic Analysis and Screened From Environmental Instabilities <i>Animal Genetic Resources Conservation and Utilization (Cryobanking)</i> 5. Genetic Diversity of the Philippine Carabao Using mtDNA (COI) and Microsatellite Markers (FAO STRs) 1.2 National Dairy Authority (NDA) funded project 1. Dairy Animal Buy-back Program	Nationwide Nationwide Nationwide Nationwide Nueva Ecija Nueva Ecija Nationwide Nationwide	4,218,032.60 5,822,400.00 4,479,356.80 18,298,631.60 5,305,200.00 7,801,309.20 10,896,482.00 9,000,000.00	April 1, 2017 April 1, 2018 Jan. 1, 2018 Sept. 27, 2018 Jan. 14, 2016 Nov. 1, 2014 Oct 14, 2015 Jan. 1, 2018	2    2 2 2	Dec. 31, 2018 March 31, 2020 Dec. 31, 2019 Sept. 26, 2020 Jan. 13, 2019 April 30, 2019 June 30, 2019 Dec. 31, 2019	82.90% 42.78% 51.75% 39.87% 95.19% 91.78% 93.63% 98.11%	3,496,889.00 2,490,880.75 2,318,263.01 7,296,281.25 5,050,025.53 7,160,106.67 10,202,066.27 8,830,000.00	2,894,658.65 2,107,005.50 2,019,698.71 2,552,382.98 5,006,489.03 7,141,726.67 10,170,993.66 8,200,000.00	on-going/with request for extension. on-going on-going on-going on-going/with request for extension. on-going/with request for extension. on-going on-going	
	<b>Sub-Total</b>		<b>65,821,412.20</b>					71.17%	<b>46,844,512.48</b>	<b>40,092,955.20</b>	
	<b>Grand Total</b>		<b>135,765,742.10</b>					79.49%	<b>107,919,527.70</b>	<b>97,328,157.35</b>	

Prepared by:  <b>AIMEE T. FULGENCIO</b> Budget Officer	Certified correct:  <b>ANNABELLE S. SARABIA</b> Chief, Research and Development Division	Certified correct:  <b>CHERRY PEARL C. RIVERA</b> Accountant III	Approved:  <b>ARNEL N. DEL BARRIO</b> Executive Director
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