

# PROJECT PROPOSAL

Project Title : **Provincial Rabies Prevention and Eradication Program**

Proponent : Provincial Government of Bohol

Implementing Agencies : Office of Provincial Veterinarian – Bohol  
Provincial Health Office – Bohol  
47 Municipal LGUs – Bohol Province  
1 City

Implementing Period : 4 years (2007-2010)

Program Cost (4-years) : P21,120,216.00

## I. RATIONALE

Rabies is a fatal disease caused by Lyssavirus, which is transmitted to man mainly through bite by an infected animal. Dogs are principal reservoir of the rabies virus in the Philippine. Thus, the main strategy in the prevention of transmission of the virus is vaccination of dogs and dog control measures through elimination of stray dogs and dog population control.

In Bohol, several efforts have been conducted to control rabies cases incidences. In 1999, 5 year program, the Bohol Eradication of Rabies Program (B-ERAP), was launched in the province in coordination with the Department of Agriculture & the Department of Health. The program objective was to eradicate rabies by 2004. However, despite the multi-sectoral and multi-disciplinary approach of the program, records show that both canine and human rabies incidence still exist with particular increasing incidence of unconfirmed cases in human.

Recent report by DOH representative shows that Bohol ranks highest in human cases in region VII with 10 human deaths reported and 3 canine positive rabies cases and region 7 ranked 2nd nationwide on human rabies cases. Thus, this locally-initiated comprehensive program is proposed.

## II. OBJECTIVES

1. Zero incidence of human and canine rabies cases in the province.
2. Increase at least 80% of households with dogs that practice Responsible Pet Ownership such as, but not limited to immunization of dogs against rabies and leashing dogs within the yard.

3. Reduce by at least 80% the number of stray dogs in the province.
4. Reduce by 70% the cases of dog bite incidence.

### **III. PROGRAM COMPONENTS**

1. Social preparation
2. Massive IEC
3. Dog population control
4. Massive dog vaccination
5. Surveillance and Quarantine
6. Quick Response
7. Dog bite management
8. Monitoring and Evaluation
9. Research and Development
10. Establishment of Diagnostic Laboratory

### **IV. STRATEGIES OF IMPLEMENTATION**

#### **Development of Program Manual**

To ensure uniformity and sustainability of program implementation in the city, the 47 municipalities and in the 1,109 barangays of Bohol, a Manual of Operations shall be prepared. To be included in the manual are the standard operations procedures, the guidelines and copies of issuances of national and local laws pertaining to the program and related subjects.

#### **Localized Approach**

The Provincial Rabies Eradication Council (PREC) shall be reorganized expanded and strengthened. Parallel organizations at the municipal and barangay levels shall be created to ensure program adoption down to the household level. Necessary technical, legal support shall be provided by the PREC thru MREC to ensure smooth and effective implementation.

#### **Fund Matching of Resources**

The Program fund shall be sourced out on cost-sharing basis from the national government (PHO, DA), down to the Provincial LGU, MLGU, BLGU, dog owners and interested NGO's.

#### **Conduct of Dog Population Control prior to Massive Vaccination**

Compulsory registration of dogs shall be done to establish dog ownership and facilitate traceability of biting incidence. All registered dogs shall be

leashed to control dog to dog contact and dog to human contact. Stray, unwanted and non-registered dogs shall be eliminated using Animal Welfare Act (AWA) acceptable practices. Communal burial sites shall be established in every LGU.

### **Conduct of Massive Dog Vaccination**

A synchronized massive vaccination of dogs shall be conducted throughout the province on a designated Massive Dog Vaccination Week. Compliance to all the pre-requisites is a must to all component LGU's.

Every 1<sup>st</sup> Wednesday of the month shall also be declared a Mass Rabies Vaccination Day to accommodate those that will not qualify during the Massive Vaccination Week. This shall be conducted by the Massive Vaccination Team to be handled by the Municipal Agriculture Officers and supervised by Office of the Provincial Veterinarian.

### **Strengthened IEC Campaign**

- Audience-based info campaign using Tri-Media
- Institutionalization of Responsible Pet Ownership thru public hearings of local ordinances; and
- Incorporation of rabies in the elementary school curriculum.

### **Dog Bite Management**

- Establishment of 2 additional Animal Bite Centers;
- Pre-exposure of high-risk personnel involved in the program;
- Conduct of pre-exposure vaccination to children ages 5-9 yrs. old in high risk municipalities (Tagbilaran City , Davao and Panglao)
- Capacitate RHU's in the management of bite patients; and
- Capacitate Municipal Agricultural Offices in the preparation of dog head samples for laboratory examination.

### **Strengthened Monitoring and Surveillance**

- Establishment of monitoring system both for canine and human rabies cases to ensure immediate transfer of information and effective Feedbacking;
- Submission of monthly incidence report by RHU's to PHO;
- Monthly quarantine reporting on dog movement;
- Creation of Quick Response Teams at the provincial and municipal committee levels;
- Submission of dog head sample for laboratory confirmation;
- Establishment of Rabies Diagnostic Center in the Province on the 3 year of program implementation;

- Conduct research/study on Epidemiological Occurrence of Rabies in coordination with DA-RFU 7 and other institutions; and
- Awards and incentives for LGUs with exemplary program implementation.

## V. SUSTAINABILITY MECHANISM

- Institutionalization of local program implementing mechanism such as the Provincial, Municipal and Barangay Rabies Eradication Councils and Task Forces.
- Information and Education campaign on Responsible Pet Ownership will be institutionalized at two levels;
  - a. School Level - thru the Integration of rabies module in the public elementary school curriculum
  - b. Community Level – thru continuous public information and updating of local legislations and national laws pertaining to rabies eradication program.
- The collection of yearly registration fee will enable the Program Management Committee to come up with a revolving fund which will be used as matching fund to generate additional resources and ensure implementation of all program components.
- Full capacitation of the Barangay LGU's to implement the program and make responsible pet ownership part of their lifestyle.

## VI. IMPLEMENTING SCHEDULE

Components	Yr. 1				Yr 2	Yr 3	Yr 4
	1	2	3	4			
1. Social Preparation							
2. Massive IEC							
3. Dog Population Control							
4. Massive Dog Vaccination							
5. Surveillance/Quarantine							
6. Quick Response							
7. Dog Bite Management							
8. Monitoring & Evaluation							
9. Research & Development							
10. Establishment of Rabies Diagnostic Laboratory							

## VI. BUDGETARY REQUIREMENTS

The 4-year Program would entail a total of **P21, 120,216.00**, where 29.06 % or **P6,137,612.00** will be needed. Program funds shall be sourced-out on a fund-

matching basis by the PLGU, MLGU, and DA, DOH and other donors and partners.

#### **4-year Budgetary Requirements**

Components	4-year Budget				
	Yr. 1	Yr. 2	Yr. 3	Yr. 4	Total
1. Social Preparation	275,000	100,000	100,000	100,000	<b>575,000</b>
2. Massive IEC	75,000	50,000	50,000	50,000	<b>225,000</b>
3. Dog Population Control	500,000	320,000	320,000	320,000	<b>1,460,000</b>
4. Massive Dog Vaccination	3,328,720	3,578,540	2,862,832	2,862,832	<b>12,632,924</b>
5. Surveillance/Quarantine	225,000	100,000	100,000	100,000	<b>525,000</b>
6. Quick Response	50,000	50,000	50,000	50,000	<b>200,000</b>
7. Dog Bite Management	1,498,800	698,400	360,000	360,000	<b>2,917,200</b>
8. Monitoring & Evaluation	185,092	100,000	100,000	100,000	<b>485,000</b>
9. Research & Devt.	-	50,000	50,000	-	<b>100,000</b>
10. Rabies Diagnostic Lab.	-	-	2,000,000	-	<b>2,000,000</b>
<b>Total &gt;&gt;</b>	<b>6,137,612</b>	<b>5,046,940</b>	<b>5,992,832</b>	<b>3,942,832</b>	<b>21,120,216</b>