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PROJECT APPRAISAL REPORT (PAR)

1. PROJECT NO. 730-11-130-315.01	2. PAR FOR PERIOD: FY 1969 TO 12/31/1971	3. COUNTRY Vietnam	4. PAR SERIAL NO. 730-72-003 <i>6P</i>
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ANIMAL PRODUCTION (Animal Health)

6. PROJECT DURATION: Began FY 69 Ends FY 75	7. DATE LATEST PROP -	8. DATE LATEST PIP -	9. DATE PRIOR PAR 8/28/71 ✓
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10. U.S. FUNDING	a. Cumulative Obligation Thru Prior FY: \$3,681,000	* b. Current FY Estimated Budget: \$ 878,000	c. Estimated Budget to completion After Current FY: \$ 1,800,000
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11. KEY ACTION AGENTS (Contractor, Participating Agency or Voluntary Agency)

a. NAME	b. CONTRACT, PASA OR VOL. AG. NO.
University of Minnesota	Contract VN - 63 ✓
USDA	PASA VN (AJ) 8-71

I. NEW ACTIONS PROPOSED AND REQUESTED AS A RESULT OF THIS EVALUATION

A. ACTION (X)			B. LIST OF ACTIONS	C. PROPOSED ACTION COMPLETION DATE
USAID	AID/W	HOST		
X		X	ADFA will recommend to MIRAFAM that it consider appointing an advisory council for the National Institute of Bacteriology (NIB). The Council membership should include representatives from GVN veterinary profession, livestock and poultry producer associations and NIB administration.	June 30, 1972
X		X	ADFA will recommend to MIRAFAM to resign. Full time administrator to NIB, present Director is qualified, but spends part time in this capacity. Full time director is critical in U.S. disengagement from administrative responsibilities to NIB. (See output Number 9, Page 3, No. 2)	April 30, 1972
			Clearance: J.B. Davis, ADFA R.L. Sweet, ADFA W.S. Lefes, EVAL/ADPROG	
			* See Livestock Production PAR for total obligations, expenditures and est. to complete.	

D. REPLANNING REQUIRES REVISED OR NEW: <input type="checkbox"/> PROP <input type="checkbox"/> PIP <input checked="" type="checkbox"/> PRO AGY <input type="checkbox"/> PIO/T <input checked="" type="checkbox"/> PIO/C <input type="checkbox"/> PIO/P	E. DATE OF MISSION REVIEW March 9, 1972
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PROJECT MANAGER: TYPED NAME, SIGNED INITIALS AND DATE Dr. Frank Madden, Animal Health Adv.	MISSION DIRECTOR: TYPED NAME, SIGNED INITIALS AND DATE J. R. Mosler, Director
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II. PERFORMANCE OF KEY INPUTS AND ACTION AGENTS

A. INPUT OR ACTION AGENT CONTRACTOR, PARTICIPATING AGENCY OR VOLUNTARY AGENCY	B. PERFORMANCE AGAINST PLAN							C. IMPORTANCE FOR ACHIEVING PROJECT PURPOSE (X)					
	UNSATISFACTORY		SATISFACTORY			OUTSTANDING		LOW		MEDIUM		HIGH	
	1	2	3	4	5	6	7	1	2	3	4	5	
1. University of Minnesota						X							X
2. USDA					X								X
3.													

Comment on key factors determining rating

- Contract performance superior, good understanding of project purpose and training and utilization of GVN staff.
- USDA technical performance superior, however, weakness evidenced in familiarity with the support of AID documentation and general procedures. Backstopping excellent.

4. PARTICIPANT TRAINING					X									X
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Comment on key factors determining rating

Candidates provided on a timely basis and with proper qualifications for training
Three short term participants back on the job and working in NIB laboratory.

5. COMMODITIES						X								X
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Comment on key factors determining rating

Satisfactory use of commodities funded in this project. Vaccine production equipment, laboratory equipment and vehicles are in use or have been appropriately consumed.

6. COOPERATING COUNTRY	a. PERSONNEL					X							X	
	b. OTHER			X									X	

Comment on key factors determining rating

Personnel:

Performance generally good except for inadequate number of competent project managers, planners, and administrators. Field staff is adequate.

Other:

Import regulations by GVN have not been sufficiently liberal to allow for needed distribution of animal health products by sector until recently. GVN slow to complete legislative changes to allow private sector to participate in animal vaccine production.

7. OTHER DONORS	N/A													
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(See Next Page for Comments on Other Donors)

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II. 7. Continued: Comment on key factors determining rating of Other Donors

N/A

III. KEY OUTPUT INDICATORS AND TARGETS

A. QUANTITATIVE INDICATORS FOR MAJOR OUTPUTS		TARGETS (Percentage/Rate/Amount)					
		CUMU- LATIVE PRIOR FY	CURRENT FY		FY 73	FY 74	END OF PROJECT
			TO DATE	TO END			
1. Trained professional staff: 28 veterinarians (only 24 in training).	PLANNED				20	20	40
	ACTUAL PERFORMANCE						
	REPLANNED				8	16	24
2. Mobile vaccination training teams working in the field. (Only 3 will be trained with 3 crew each)	PLANNED		4				4
	ACTUAL PERFORMANCE		3				
	REPLANNED			3			3
3. Vaccinators trained and certified. Includes GVN and private sector personnel.	PLANNED		2000				2000
	ACTUAL PERFORMANCE		2174				
	REPLANNED						2174
	PLANNED						
	ACTUAL PERFORMANCE						
	REPLANNED						
B. QUALITATIVE INDICATORS FOR MAJOR OUTPUTS	COMMENT:						
1. Policy changes and laws established to improve animal health practices.	1.0. Two major changes completed: 1. Vaccine is now sold to livestock owners. 2. Certified vaccinators permitted fees for their services rendered.						
2. Policy established to permit private sector to produce vaccines.	2.0. Draft policy proposal pending approval by GVN, Ministry of Public Health. Draft policy proposal approved by Ministry of Agriculture.						
3. Establish a favorable economic climate for private investment in vaccine production.	3.0. Policy recommendations have been made to GVN to divest itself of the production of certain profitable vaccines. Recommendations under consideration.						

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COMMENT

4. Improved vaccine production and pathology unit (National Institute of Bacteriology).
Physical facilities and equipment.
- 4.0. New physical facilities are not complete. Major items of equipment are due to arrive in September 1972. Completion of construction, installation and operations expected by December 1972. New physical facilities are 80% complete.
5. NIB trained staff assigned:
 - 5.1. 4 advanced degrees,
 - 5.2. 8 lab tech (number trained reduced to 8 from 12 in FY 72).
- 5.1. Two degree candidates in school. Two additional will begin December 1972. One due to return in December 1973 and two in December 1974 and one in December 1975.
- 5.2. 4 completed training and returned to lab, 2 additional due to return in Dec. 1972, two additional due to return in June 1973.
6. Established vaccine distribution system, regional and province banks operated by GVN personnel.
- 6.0. 44 provincial banks, 4 municipal banks and 4 regional banks established -- total of 52 banks in operation.
7. Trained field diagnostician trainers.
Total of 4 (1 for each Region).
- 7.0. 4 month OJT by NIB completed
6 months trng by GVN public health - March to Sept 1972.
4 months OJT in field by Univ. of Minn. team - Sept 1972 - Jan. 1973.
8. Incountry training and seminars.
University of Minnesota series of 9 courses of 3 days each in An. Health, sanitation, diagnosis, treatment, disease control, etc.
- 8.0. 2 courses completed for 44 provinces and four municipal Animal Husbandry chiefs. 22 Agric. Service chiefs also attended the courses. Courses were held at 4 sites throughout country.
9. Director of NIB assigned on full time basis.
- 9.0. GVN unable attract qualified director for NIB.
Present director is spending part time in this position. (See new actions, Page 1 of this PAR).

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IV. PROJECT PURPOSE

A. 1. Statement of purpose as currently envisaged.

2. Same as in PROP? YES NO

Sub-Sector Purpose

To establish a capability in the GVN and private sector to provide adequate vaccine production and animal health services to the country's livestock industry.

B. 1. Conditions which will exist when above purpose is achieved.	2. Evidence to date of progress toward these conditions.
<p>1. Vaccine production capacity and quality controls by GVN personnel adequate to meet demands to prevent and control disease outbreaks.</p> <p>2. GVN capable of timely and accurate diagnosis and reporting service of livestock disease.</p>	<p>1.0. Steady progress in meeting animal vaccine production targets. 26 million doses produced in 1971 (7 different biologics) of a target of 50 million doses for 1975.</p> <p>2.0. To date diagnosis and reporting system inadequate. Many diagnosis inaccurate and reporting lag about 4 weeks.</p> <p>2.1. Animal protection service records indicate that only three diseases are reported, i.e., cholera, Rinderpest and Newcastle.</p> <p>2.2. Additional training (which is currently underway) of Prov Animal chiefs by Univ of Minn should reduce time lag of reporting service to one week.</p>

V. PROGRAMMING GOAL

A. Statement of Programming Goal

Increase agriculture production to earn and save foreign exchange increase and equitably distribute rural income and provide an adequate diet for the people of Vietnam.

B. Will the achievement of the project purpose make a significant contribution to the programming goal, given the magnitude of the national problem? Cite evidence.

Yes. Livestock production increases (See Proj. 730-11-130-315.02) depend in part on the effectiveness and efficiency of animal health services. Livestock production increases have increased rural and national income, provided more protein for consumer at prices in line with prices of other commodities.

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3. GVN and/or private sector capable of providing adequate vaccination services on a timely basis throughout the country.

4. GVN and/or private sector capable of shipping and distributing vaccine throughout the country to meet demands.

3.0. Preventive vaccination in disease outbreaks response good.

E.G., 1971:

Rinderpest: 8 outbreaks.

Response - within one week, outbreaks contained to immediate area.

Nog cholera - 8 outbreaks.

Response - within one week, outbreaks contained to immediate area.

4.0. US operational role turned over to GVN who are completely responsible for shipping/distribution.

US transport (Air America) still being used. Need to turn over to Air Vietnam.

Long term result is for private sector to take over this function when it is producing animal health products. However, in the interim the GVN will be responsible for distribution of vaccines in Vietnam.

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