

PROJECT APPRAISAL REPORT (PAR)

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1. PROJECT NO. 730-11-000-000	2. PAR FOR PERIOD: 3/16/72 TO 3/31/73	3. COUNTRY Vietnam	4. PAR SERIAL NO. 730-73-034
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5. PROJECT TITLE
USAID Technical Support (00.70-GVN Computer Center)

6. PROJECT DURATION: Began FY <u>71</u> Ends FY <u>75</u>	7. DATE LATEST PROP Sep 13, 1971	8. DATE LATEST PIP N/A	9. DATE PRIOR PAR None
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10. U.S. FUNDING	a. Cumulative Obligation Thru Prior FY: \$	b. Current FY Estimated Budget: \$	c. Estimated Budget to completion After Current FY: \$
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11. KEY ACTION AGENTS (Contractor, Participating Agency or Voluntary Agency)	
a. NAME	b. CONTRACT, PASA OR VOL. AG. NO.
Southeast Asia Computers Associates (SEACA)	Contract AID 730-3486
Southeast Asia Computer Associates (SEACA)	Contract AID 730-3519
Computer Sciences Corporation	Contract NAVCOSSACT NO0600-71-D-1090

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

A. ACTION (X)			B. LIST OF ACTIONS	C. PROPOSED ACTION COMPLETION DATE
U.S. A.I.D.	A.I.D. W	HOST		
			Clearances:	
			J.W.Holmes, ADM/ISC <i>J.W.Holmes</i> Date <u>3/15/73</u>	
			J. Heilman, ADM <i>J. Heilman</i> Date <u>3/14/73</u>	
			E.Kanrich, ADPROG <i>E.Kanrich</i> Date <u>3/14/73</u>	
			O.J.Lustig, ADPROG/EVAL <i>O.J.Lustig</i> Date <u>3/14/73</u>	
			T.Wood, ADPROG/EVAL <i>T.Wood</i> Date <u>3/14/73</u>	

D. REPLANNING REQUIRES REVISED OR NEW:	<input type="checkbox"/> PROP	<input type="checkbox"/> PIP	<input type="checkbox"/> PROAG	<input type="checkbox"/> PIO/T	<input type="checkbox"/> PIO/C	<input type="checkbox"/> PIO/P	E. DATE REVIEW PANEL MET
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PROJECT MANAGER: TYPED NAME, SIGNED INITIALS AND DATE R. Glenn Davis <i>RGD</i>	MISSION DIRECTOR: TYPED NAME, SIGNED INITIALS AND DATE John P. Robinson, DIR
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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)				
	UNSATIS- FACTORY		SATISFACTORY			OUT- STANDING		LOW 1	MEDIUM			HIGH 5
	1	2	3	4	5	6	7		2	3	4	
1. SEACA AID 730-3486						X						X
2. SEACA AID 730-3519					X							X
3. CSC NAVCOSSACT No. 0600-71-D-1090					X							X

Comment on key factors determining rating

- This team is responsible for planning the transfer of systems from the USG to the GVN. All required reports, studies and planning have been completed in a timely and professional manner.
- This team is responsible for developing managerial capability of OPM/CC management personnel and for documenting the procedures on how the center will operate. Development of personnel has been proceeding very well but the documentation has fallen behind schedule.

(cont'd sheet)

4. PARTICIPANT TRAINING				X									X
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Comment on key factors determining rating - Three participants have returned, while 14 more are to be trained in the U.S. Those personnel who were involved in technical training returned with a good overall understanding of ADP. Their training, however, is not tailored for the specific ADP job to which they will return. The academic training in operations research is proceeding very well with a grade point average of 3.52 on a 4.0 scale being maintained by the participants at Georgia Tech University.

5. COMMODITIES		X											X
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Comment on key factors determining rating - The lack of air conditioning and electrical components is currently delaying the project. The decision by the project manager to obtain these items from surplus, which seemed correct in line with the ceasefire, was a poor decision (See Qualitative Indicator No.10). The project had to reinstitute procurement through normal channels, and the procurement is being expedited by all concerned. Procurement action for the other commodities is proceeding on a normal basis and is being satisfactorily received in a routine manner.

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

Comment on key factors determining rating

As in many developing countries the upper management is excellent while middle and lower management is weak. The quality of personnel offered for training has been exceptionally high on this project but has been offset by the relatively young age (average 22 years) and lack of business experience of the trainees. This resulted in a somewhat longer development cycle than originally planned. The GVN has been truly outstanding in other areas. They completed their basic building (funded by them) as scheduled. When a chance came to save on the purchase of a computer, they reacted rapidly and provided foreign exchange.

7. OTHER DONORS	None												
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Comment on key factors determining rating of Other Donors

II. Performance of Key Inputs and Action Agents.--Comment.....(Cont'd)

3. This contract was previously administered by MACCORDS and responsibility was transferred to ISC on February 28, 1973. The contractor is responsible for stabilizing development of the transfer packages. The contract rating is ultimately based upon successful transfer of systems to the OPM/CC.

III. A. KEY OUTPUT INDICATORS AND TARGETS - QUANTITATIVE

1. QUANTITATIVE INDICATORS FOR MAJOR OUTPUTS	2. TARGETS (PERCENTAGE/ RATE/AMOUNT)						
	CATEGORY	CUMU-LATIVE PRIOR FY	CURRENT FY73		FY 74	FY 75	END OF PROJECT
			TO DATE	TO END			
1. Seventeen members of the OPM/CC management and key technical staff complete participant training in the U.S. (See Annex A.)	PLANNED	0	3	0	7	5	17
	ACTUAL PERFORMANCE	0	3				
	REPLANNED						
2. One hundred and twenty six technical personnel to be trained locally and assigned to support positions at the OPM/CC, to include: (See Annex A.)	PLANNED	0	52	84	126	0	126
	ACTUAL PERFORMANCE	0	52				
	REPLANNED						
3. Computer center construction completion to include equipment installed.	PLANNED	20%	100%	100%			100%
	ACTUAL PERFORMANCE	20%	85% ^{1/}				
	REPLANNED						
4. GVN user Agency ADP systems transferred to the OPM/CC.	PLANNED	0	0	18	7	0	25
	ACTUAL PERFORMANCE	0	0				
	REPLANNED				18 ^{2/}	0	18
5. OPM/CC development of new data processing systems.	PLANNED	0	0	0	2	1	3
	ACTUAL PERFORMANCE	0	0				
	REPLANNED						
	PLANNED						
	ACTUAL PERFORMANCE						
	REPLANNED						
	PLANNED						
	ACTUAL PERFORMANCE						
	REPLANNED						
	PLANNED						
	ACTUAL PERFORMANCE						
	REPLANNED						

^{1/} Delay in key commodities, i.e., air conditioner and electrical power components. (See detail under qualitative item No. 10.)

^{2/} Impact of ceasefire plus ongoing evaluation of use of ADP systems changed the combination of systems to be transferred and dropped the overall total by seven.

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III.B. KEY OUTPUT INDICATORS AND TARGETS - QUALITATIVE

1. QUALITATIVE INDICATORS FOR MAJOR OUTPUTS	2. COMMENT
1. Standard operating procedures (SOPs) to be prepared by the Director General, OPM/CC, on center administration.	1. Standard operating procedures (SOPs) necessary for opening the Computer Center have been prepared by the Accounting and Administration Branch of OPM/CC without U.S. assistance. These SOPs cover general accounting and administration functions of the data center. Documents were written by Vietnamese personnel and are currently being re-
	viewed by OPM/CC Management Staff. Following OPM/CC management review, the SOPs will be translated into English and a final review and approval made by GVN/CC Project Office, Facilities Management Team (FMT) and OPM/CC staff personnel. Final documents are scheduled for publication in Vietnamese and English by mid-June, 1973.
2. Standard operating procedures (SOPs) to be prepared regarding overall computer center operations.	2. Standard operating procedures (SOPs) necessary for opening the Computer Center have been drafted in English and translated into Vietnamese and are currently being reviewed by OPM/CC Management Staff. Comments on the preparation by each branch of the OPM/CC follow: (a) <u>Research and Training Branch</u> , SOPs were prepared in total by Vietnamese Branch
	Chief who had returned from participant training in the U.S. The U.S. counterparts participation consisted only in presenting concepts and reviewing drafts; (b) <u>Programming Branch, Computer Operation Branch, Control and Statistical Branch</u> , First draft of these SOPs was prepared by the U.S. counterparts due to the technical detail necessary and the fact that the OPM/CC Branch Chiefs had
	only recently returned from participant training or, in the Control and Statistical Branch, not yet received participant training. This first draft was given to the various branch chiefs to translate into Vietnamese, with the assumption that a learning process would occur during the translation.
	The assumption proved valid, and in all cases several new ideas were proposed. These new ideas were incorporated into second draft. Preparation was finalized by Vietnamese Branch Chiefs and U.S. counterparts.
	Final drafts in English and Vietnamese are now under review by OPM/CC management. These final drafts will receive review and approval by the GVN/CC Project Office and are scheduled for publication by the end of June, 1973.

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III.B. KEY OUTPUT INDICATORS AND TARGETS - QUALITATIVE

1. QUALITATIVE INDICATORS FOR MAJOR OUTPUTS	2. COMMENT
3. Position descriptions created for OPM/CC staff.	<p>3. Position descriptions for the Accounting and Administration Branch were written entirely by the Vietnamese. They are currently translated into English and staffed for review by the GVN/CC Project Office.</p> <p>Position descriptions for all other branches were prepared in English by the U.S. counterparts. They were translated into Vietnamese by the Vietnamese Branch Chief, who incorporated some ideas of his own at that time.</p> <p>Final documents, in Vietnamese and English, will be reviewed and approved by the GVN/CC Project Office prior to publication, scheduled for mid-June, 1973.</p>
4. Programmer's Handbook written.	<p>4. The Programmer's Handbook has been prepared by the U.S. counterparts. This handbook covers in detail the guidelines and standards required for the following subjects: Operations Standards, JCL Usage Standards, Programming Guidelines, COBOL Coding Guidelines, COBOL Test and Debugging, Program Documentation, OPM/CC Software Systems, and Utility Software.</p> <p>This document has been prepared in final draft and has been reviewed and approved by the GVN/CC Project Office, Facilities Management Team and OPM/CC management personnel. Editorial corrections are now being made, publication of the Programmer's Handbook is scheduled for mid-June, 1973.</p>
5. System Documentation Standards Manual covering the system standards to be used by the OPM/CC written.	<p>5. A 500-page Systems Documentation Standards Manual has been prepared by the Facilities Management and Systems Transfer Teams. The completed manual consists of seven volumes covering the following documentation requirements: Volume I - System Documentation Binder, Volume II - System Management Manual, Volume III - Proponent Operations Manual, Volume IV - Computer Operations Manual, Volume V - System Maintenance Manual, Volume VI - Program Compilation Binder, Volume VII - System Test Binder.</p> <p>The completed standards will include an example for each volume in the form of an actual system that has been documented in accordance with the standards guidelines. The first draft of this manual was completed and distributed for review and comment on November 22, 1972.</p> <p>A revised draft is currently being staffed for review and approval. The scheduled completion date for the revised draft in May 15, 1973.</p> <p>The volumes will be reviewed, approved, and published on a phased schedule which runs from June 15, 1973 through July 15, 1973.</p>

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III.B. KEY OUTPUT INDICATORS AND TARGETS - QUALITATIVE

1. QUALITATIVE INDICATORS FOR MAJOR OUTPUTS	2. COMMENT
6. Technical personnel trained locally.	6. Local training of technical personnel is not a matter of formal classroom training only in the judgment of this project. Objectives were met on planned numbers of personnel to be trained in formal classes. However, at the completion of a formal class, each trainee is assigned to "on-the-job" (OJT) training under the supervision of USG technical advisors. They are not considered trained, to current project standards, until the trainee is applying classroom knowledge in a working environment in a competent manner. Trainees are rated by their advisors monthly, and the results of this evaluation are recorded on a proficiency profile chart which provides a visual "competency" level.
	On the project to date, formal classroom training has been completed as planned, but slippage has been noted during OJT of systems analysis personnel, applications programming personnel, control clerks, and computer operators. This slippage is attributable to the diversion of USG technical resource from training efforts to the development of
7. Technical library at the OPM/CC established.	transfer systems. 7. Procedures for purchase of books and journals and operational procedures for use of library have been published. Over 500 manuals have been purchased for use in training courses and for use by the trainees. Approximately 60 texts in management principles and computer science have been purchased.
8. Training aids obtained to enhance the training programs.	Numerous texts and trade journals have been donated by members of the USAID ISC GVN/CC Project Office and members of the contractor Transfer Team and Facilities Management Advisory Team. To date, more than 100 checkouts by both Vietnamese and USAID users have been recorded. 8. A video recorder/playback component unit has been purchased along with a complete range of pre-recorded courses in data center management, operations, and technical specialties. This is an excellent training aid either for individual or group use. The lectures are technically accurate and Vietnamese students who are using them have had no difficulty in comprehension. The video tape provides an excellent means of strengthening specific areas where an individual may be weak.

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III.B. KEY OUTPUT INDICATORS AND TARGETS - QUALITATIVE

1. QUALITATIVE INDICATORS FOR MAJOR OUTPUTS	2. COMMENT
9. Computer Center building construction completed to include electric power and false flooring in the computer room.	<p>9. The exterior walls of the building were completed in November 1972. The computer room flooring (false floor) was the responsibility of USAID, and the funding (approximately \$20,000) had been programmed. The project office identified false flooring which was available from other computer installations in RVN which were closing out. The required flooring was obtained at no expense to the project. The flooring was installed in January 1973.</p> <p>Installation of electrical power equipment began in March 1973. Based on the project agreement, USAID was responsible for supplying the electrical power source. The amount for purchasing the generators had been obligated. Three 250 KVA generators were obtained from excess property, and a saving of approximately \$42,000 was realized on the project.</p> <p>Certain electrical components were identified (power boxes, relays, etc.) that were unavailable locally. A procurement order was issued and shipment status indicated delivery during March 1973. The project received notification that all electrical components will be received prior to May 15, 1973.</p>
10. Computer room air conditioning installed.	<p>10. The required air conditioning components were identified by the project office in early October 1972. Procurement documents were prepared and ordering action initiated at that time. In planning for the ceasefire environment, the possibility of acquiring the equipment from USG excess in country was investigated. Processing of the original order ceased and all efforts were directed towards obtaining the equipment in country. However, project efforts to obtain excess equipment from USG sources in country were not successful. The original purchase order for air conditioning was reinstated only after an attempt to obtain the equipment from GVN sources in country proved equally fruitless. The critical components for air conditioning the computer room will be ready for shipment from the U.S. prior to May 15, 1973.</p>

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III.B. KEY OUTPUT INDICATORS AND TARGETS - QUALITATIVE

1. QUALITATIVE INDICATORS FOR MAJOR OUTPUTS	2. COMMENT
11. Office equipment installed.	11. Certain office equipment items were identified as essential for the successful operation of the OPM/CC. Approximately 35% of these items were obtained by the project office from USG in-country excess. Included were such items as de-collators, continuous forms detachers, and card filing cabinets. An estimated savings to the project of approximately \$30,000 has resulted from obtaining this equipment through excess.
12. Computer hardware installed.	12. This project agreement called for the two-year lease of an IBM 360/501 computer system, with the question of purchase unresolved but expected in the third year. The USAID contribution for rental would have been 80% and 60%, respectively, for the first two years with an expected contribution in the third year of 50% towards
	the remaining purchase price of the computer system. The dollar amount for the USG contribution totaled \$1,917,000. Working through the GVN, the project office initiated action to procure a comparable system from installations that were known to be standing down due to the ceasefire. A computer mainframe central processing unit and
	some components that met the basic requirement were identified at the 7th Air Force installation and other components were identified within Southeast Asia which would bring the system up to the originally planned configuration. This equipment was purchased by the USG in trust for the GVN. The USAID contribution was limited to \$184,000 and resulted in a net savings to the project of over \$1,700,000.
	The Office of the Prime Minister's Computer Center (OPM/CC) contributed VN\$195,000,000 from the American Aid Chapter (AAC) fund and VN\$10,000,000 from the current 1973 budget. The OPM's contribution from a special fund was VN\$500,000,000.
	The U.S. dollar equivalent for the total OPM contribution is \$1,484,842. The final installation date of the computer is contingent on receipt and installation of the critical components for air conditioning of the computer room as previously mentioned in Qualitative Indicator B10.

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III.B. KEY OUTPUT INDICATORS AND TARGETS - QUALITATIVE

1. QUALITATIVE INDICATORS FOR MAJOR OUTPUTS	2. COMMENT
13. Other related electronic accounting machines installed.	13. In the project agreement, certain electronic accounting machines (EAM) were identified as necessary. Acquisition of these items is the responsibility of the GVN. Required items are either already on order by the OPM/CC or have been located in country and are available on request. The items include an accounting machine, collator, sorter, and several keypunch and key-verifying machines.
14. Necessary commodities to begin operations obtained.	14. The project office has the responsibility for obtaining certain expendable and nonexpendable commodities to meet project goals. Most of these expendables were obtained from in-country excess. Items obtained from in-country excess include: bookcases, magnetic tape racks, filing cabinets, card racks, room dividers, card trays, industrial cleaners, cases of IBM card, boxes of continuous form paper, paper stock cabinets, printer ribbons, keypunch cabinets, fire extinguishers, a decollator, cleaning kits, magnetic tapes, and many other items of a minor nature. The estimated savings to the project through obtaining these items from excess is approximately \$30,000. Other necessary commodities were ordered from the U.S. only after it was certain that they were not available through in-country excess. Approximately 85% of the essential items required to operate the computer facility are currently on hand. The remaining 15% are in procurement process.
15. Physical transfer of data processing operations to the OPM/CC.	15. Eighteen systems are currently scheduled for transfer from GVN agencies to the OPM/CC. The transfer is scheduled to be completed by the end of 1973. (See Annex B.) An additional 16 systems currently in development will ultimately be transferred for production at the OPM/CC.
16. GVN provided budget for self-sustaining Computer Center.	16. The GVN has provided a budget each year from 1971 increasing in proportion to the responsibilities assumed each year. The budget for calendar year 1974 is currently under preparation. In 1973 the Prime Minister granted an unusual exception to the OPM/CC, in that their budget was approved as submitted without change and without personal meetings to justify entries.

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III.B. KEY OUTPUT INDICATORS AND TARGETS - QUALITATIVE

1. QUALITATIVE INDICATORS FOR MAJOR OUTPUTS	2. COMMENT
17. Formal documentation governing OPM/CC policies, procedures, and organization published.	17. The OPM/CC has published several official documents governing both interagency policies and procedures, and internal policies, procedures and organization. These formal documents are indicative of the developing expertise of OPM/CC management personnel.
	The OPM has published an interagency policy guide that defines the procedures to be followed by GVN agencies and ministries in arranging for data processing services.
	The OPM has published a decree elevating the OPM/CC to a Directorate General level, which indicates recognition of the increasing importance and capability of the OPM/CC. The OPM/CC has published a directive defining a documentation numbering scheme.
	The OPM/CC has completed the necessary documentation and coordination for eight formal ADF-oriented courses. The OPM/CC is currently defining and documenting the organizational and personnel requirements to support the OPM/CC as a Directorate Generalship.

IV. PROJECT PURPOSE

A. 1. Statement of purpose as currently envisaged.

2. Same as in PROP? YES NO

To create within the OPM/CC the expertise and capability to develop and manage complex data gathering and data processing systems which provide information essential to management and sound decision making.

B. 1. Conditions which will exist when above purpose is achieved.

2. Evidence to date of progress toward these conditions.

1.0 The OPM/CC is completely staffed and managed by Vietnamese qualified in the use of third-generation computer equipment.

Indicators of effectiveness:

1.1 Competence of returnees from participant training; competency of staff trained locally.

2.0 The OPM/CC is fully operational and provides data processing services to the GVN user community.

Indicators of effectiveness:

2.1 Success of actual transfer to the OPM/CC.

3.0 Information generated by the data processing systems is essential to GVN Ministry and Agency management for sound decision making.

Indicators of effectiveness:

3.1 The GVN assumption of the task to survey systems, and to add or cancel based on system usefulness.

1.1 Only three of the total seventeen planned participants have returned to date. They are highly motivated and willing to apply the principles taught them. However, it is considered that a change in participant training would result in a higher level of competency and effectiveness of participant training. This change would key training to the specific job for which the participant trainees is slotted on return to Vietnam. See Qualitative Indicator B6 for comments on competency of staff trained locally.

2.1 Eighteen systems are scheduled for transfer to the OPM/CC before Dec. 1973. Sixteen additional systems are scheduled for transfer during FY 74.

(See Annex B)

3.1 In 1971, the OPM/CC conducted a survey of systems and found ministry or agency support for those systems to be transferred. In 1972, the OPM/CC had a meeting with each ministry or agency and reviewed the need for each system. Some were cancelled and some new systems were added. A survey of system outputs usage is scheduled to be conducted two months following the transfer of each system to the OPM/CC. Each study will take 60-90 days and will recommend continuation or cancellation of the system based on actual rather than planned usage.

4.0 OPM/CC ability to develop new ADP system.

Indicators of effectiveness:

4.1 The OPM/CC is authorized by the Prime Minister to develop and manage systems which will provide information essential to management and sound decision-making. The personnel-oriented systems (personnel management, payroll, and pension) were developed for use by the OPM and Director General for Civil Service. (DGCS) In addition to modernizing the existing personnel systems, the automated systems will demonstrate the OPM/CC's ability to develop, document, and implement computer based systems. Two of these systems are scheduled for development in FY 74. The remaining system is scheduled for development in FY 75.

4.1 Two OPM/CC systems analysts have been assigned to design an internal OPM/CC manpower system. It will serve as a prototype for the development of the OPM systems and will later develop the OPM personnel systems. At the present time, two OPM/CC systems analysts are determining design requirements, and are preparing the Functional Analysis Report and the System Design Report as prescribed in the OPM/CC System Documentation Standards.

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V. PROGRAMMING GOAL

A. Statement of Programming Goal

To enable the GVN to perform essential civil functions from which social and economic development can be fostered.

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

When the Office of the Prime Minister's Computer Center is fully operational and self-sustaining, it will be supporting data processing systems which provide more expeditious and efficient handling of social programs such as

- . Land Reform (Distribution and Compensation)
- . War Veterans (Claims, Payment and Retirement)
- . Civil Service (Payroll and Pension)

and economic programs such as

- . Arrival Accounting (Import Licensing and Credit)
- . Logistics (Medical and Repair Parts)

and other administrative programs.

The GVN has, since 1971, generated revenue and established a budget to support this project. It is expected that the GVN will meet self-sufficiency budget targets by the termination of this project.

ANNEX AParticipant

Chief, Operations Branch	Return FY 73
Chief, Research and Training Branch	Return FY 73
Chief, Programming Branch	Return FY 73
Chief, ADP Liaison Office	Return FY 74
Chief, Research Section	Return FY 74
Operations Research Analysts (4)	2 return FY 74; and 2 return FY76
Chief, Scientific Programming Section	Return FY 74
Chief, Applications Programming Section 1	Return FY 74
Chief, Applications Programming Section 2	Return FY 74
Director	Return FY 75
Deputy Director	Return FY 75
Chief, Training Section	Return FY 75
Chief, Control & Statistical Branch	Return FY 75
Chief, Processing Section	Return FY 75

A. 2. (Cont'd)

Types of Technical Training

ADP Liaison Officers	6 FY 74
System Analyst	6 FY 73; 7 FY 74; total 13
Data Processing Instructors	5 FY 74
Applications Programmers	28 FY 73
Systems Programmers	4 FY 74
Control and Statistical Clerks	26 FY 73; 9 FY 74; total 35
Computer Operators	24 FY 73; 11 FY 74; total 35

ANNEX B

<u>User Agency</u>	<u>System</u>	<u>Planned Transfer Date</u>	<u>Actual Transfer Date</u>	<u>Processing Cycle</u>	<u>Monthly Activity Volume</u>	<u>Number of Reports</u>
National Police Command	NPIFUSS	Jul 73		Monthly	3,000	9
	NPDTSS	Aug 73		Weekly	1,000	5
	NPIRSS	Oct 73		Monthly	150,000	20
	NPFISS	Aug 73		Quarterly	12,500	15
	NPARSS	Sep 73		Monthly	17,500	6
	NPMMSS	Nov 73		Monthly	8,500	10
	GVNADMCJSS	Dec 73		To be developed.	N/A	25
Ministry of War Veterans	MWVPCS	Sep 73		Semiweekly	120,000	16
Directorate General, Land Affairs	LR2	Oct 73		Semiweekly	96,000	16
	LR3	Oct 73		Semiweekly	21,500	9
Central Logistics Agency	LG2	Aug 73		Monthly	8,000	1
Ministry of Interior	NATAS	Aug 73		Bimonthly	3,000	5
Ministry of Health	MH2	Aug 73		Annually	62,000	21
	PH5	Nov 73		Daily	35,000	77
Ministry of Economy	AA1	Sep 73		Semiweekly	12,000	22
	CI1	Sep 73		Semiweekly	1,300	45
	GI1	Jul 73		Semiweekly	5,000	20
Ministry of Rural Development	MGRDBACS	Jul 73		Monthly	500	8

**PROJECT DESIGN SUMMARY
LOGICAL FRAMEWORK**

Life of Project:
From FY 71 to FY 75
Total U. S. Funding \$1,930,620
Date Prepared: March 31, 1973

Project Title & Number: USAID Technical Support (00.70 - GVN Computer Center)

NARRATIVE SUMMARY	OBJECTIVELY VERIFIABLE INDICATORS	MEANS OF VERIFICATION	IMPORTANT ASSUMPTIONS
<p>Program or Sector Goal: The broader objective to which this project contributes:</p> <p>To enable the GVN to perform essential civil functions from which social and economic development can be fostered.</p>	<p>Measures of Goal Achievement:</p> <p>Increased reliance by GVN Ministries on their own data sources for major policy decisions.</p>	<p>(1) Effective utilization of current systems outputs by users. (2) GVN periodic review of all and cancellation of out-dated systems. (3) GVN survey, analysis and development of new systems, where feasibility studies justify.</p>	<p>Assumptions for achieving goal targets:</p> <p>(1) Continued phasedown of American participation in both USAID and SAFFO programs. (2) Continued emphasis on the Vietnamization of essential services. (3) Continued need for voluminous data by GVN Ministries as a basis for making policy decisions.</p>
<p>Project Purpose:</p> <p>To create within the GVN the expertise and capability to develop and manage complex data gathering and data processing systems which provide information essential to management and sound decision making by the GVN Ministries.</p>	<p>Conditions that will indicate purpose has been achieved: End of project status.</p> <p>The OPM/CC is fully operational, self-supporting, and processing 24 systems in support of 10 user agencies. The user agencies are performing the necessary process to gather data, interface with the OPM/CC, distribute, and analyze the output products.</p>	<p>(1) Number of ADP systems operational. (2) Examination of ADP output reports and use. (3) GVN Budget Commitments.</p>	<p>Assumptions for achieving purpose:</p> <p>(1) GVN and USG budgetary support. (2) Continued GVN recognition of the need for historical data as a basis for developing policy. (3) Recognition by the GVN of the need to assign highly competent and motivated personnel to the computer center staff. (4) GVN user agencies providing resources and personnel to support the data preparation and output report analysis.</p>
<p>Outputs:</p> <p>(1) Key management personnel trained. (2) Technical personnel trained. (3) Facility construction and equipment installation. (4) Data processing systems transferred. (5) New data processing system developed and operational. (6) New data gathering procedures established and functional.</p>	<p>Magnitude of Outputs:</p> <p>(1) 17 managers or key staff members trained. (2) 126 technical personnel trained. (3) 1 building, 1 computer system with supporting EAM equipment. (4) 21 systems transferred. (5) Three new systems developed and processed by GVN. (6) Three new procedures established and monitored.</p>	<p>(1) Evaluate content of management SOP's written, and advisors' reports. (2) Evaluate competence of trainees, and advisors' reports. (3) Construction completed and equipment installed. (4) Number of systems transferred. (5) Number of new systems developed. (6) Number of new procedures established.</p>	<p>Assumptions for achieving outputs:</p> <p>(1) GVN will retain trained personnel and budget for a staff of 181 people. (2) GVN will be receptive to change so that bureaucratic problems will be resolved by sound management decisions. (3) Technical advisory assistance, instruction, OJT facilities will be provided by USAID before, during, and for up to 1 year after transfer of systems.</p>
<p>Inputs:</p> <p>(1) Participant training and local training followed by in-country OJT. (2) Budget and commodities for computer center facility preparation. (3) Computer equipment and related supplies. (4) Technical support personnel provided by USG through FY 74. (5) Management administrative and advisory personnel provided by USG through FY 75.</p>	<p>Implementation Target (Type and Quantity)</p> <p>(1) 17 PT by FY 75, 126 local technical personnel trained by FY 74. (2) \$ for air conditioners, false flooring and electrical components. (3) \$ for rental/purchase. (4) 107-FY 72, 93-FY 73, 14-FY 74. (5) 70-FY 72, 62-FY 73, 18-FY 75.</p>	<p>(1) Funding approved, nominees selected. (2) Availability of excess or procurement outside of Vietnam. (3) Equipment shipped and installed. (4) Staffing provided. (5) Staffing provided.</p>	<p>Assumptions for providing inputs:</p> <p>(1) Funding and GVN selection of qualified candidates for training. (2) Attempt to use excess commodities; purchases dependent on demonstrated ability of GVN to manage computer center. (3) GVN and USG shared funding. (4) Contract negotiation, USG funding. (5) Contract negotiation, USG funding.</p>