

3860368(7)  
PD-AAD-117-B1

AID 1020-25 (7-68)				SECURITY CLASSIFICATION		001 PROJECT NUMBER	
PROJECT APPRAISAL REPORT (PAR) (U-446) See M.O. 1026.1				Unclassified		386-11-120-368.1	
002 PAR		MO.	DAY	YR.	003 U.S. OBLIGATION SPAN		004 PROJECT TITLE
AS OF:		1	23	1969	FY 67	Thru FY 72	A.I.D. Reference Center Room 1656 NS Soil and Water Management (Mysore)
005 COOPERATING COUNTRY - REGION - AID/W OFFICE							
India		NESA					

006 FUNDING TABLE

AID DOLLAR FINANCING-OBLIGATIONS (\$000)	TOTAL	CONTRACT (NON-ADD)	PERSONNEL SERVICES			PARTICIPANTS		COMMODITIES		OTHER COSTS	
			AID	PASA	CONTRACT	DIR. PASA	CONTRACT	DIR. PASA	CONTRACT	DIR. PASA	CONTRACT
CUMULATIVE NET THRU ACTUAL YEAR (FY 1969)	247	-	191	-	-	42	-	14	-	-	-
PROPOSED OPERATIONAL YEAR (FY 1970)	95	-	92	-	-	11	-	(8)	-	-	-

10p

CCC VALUE OF P.L. 480 COMMODITIES (\$000) → Thru Actual Year : Operational Year Program :

007 IMPLEMENTING AGENCY TABLE

If contractors or participating agencies are employed, enter the name and contract or PASA number of each in appropriate spaces below; in the case of voluntary agencies, enter name and registration number from M.O. 1551.1, Attachment A. Enter the appropriate descriptive code in columns b and c, using the coding guide provided below.

TYPE CODE b	TYPE CODE c	a. IMPLEMENTING AGENCY	TYPE CODE		d. CONTRACT/PASA/VOLAG NO.	e. LEAVE BLANK FOR AID/W USE
			b.	c.		
1. U.S. CONTRACTOR 2. LOCAL CONTRACTOR 3. THIRD COUNTRY CONTRACTOR 4. PARTICIPATING AGENCY 5. VOLUNTARY AGENCY 6. OTHER:	0. PARTICIPATING AGENCY 1. UNIVERSITY 2. NON-PROFIT INSTITUTION 3. ARCHITECTURAL & ENGINEERING 4. CONSTRUCTION 5. OTHER COMMERCIAL 6. INDIVIDUAL 7. OTHER:	1. USDA/SCS	4	1	NESA(AJ)-12-68	
		2.				
		3.				

PART I - PROJECT IMPACT

I-A. GENERAL NARRATIVE STATEMENT ON PROJECT EFFECTIVENESS, SIGNIFICANCE & EFFICIENCY.

This summary narrative should begin with a brief (one or two paragraph) statement of the principal events in the history of the project since the last PAR. Following this should come a concise narrative statement which evaluates the overall efficiency, effectiveness and significance of the project from the standpoint of:

- (1) overall performance and effectiveness of project implementation in achieving stated project targets;
- (2) the contribution to achievement of sector and goal plans;
- (3) anticipated results compared to costs, i.e., efficiency in resource utilization;
- (4) the continued relevance, importance and significance of the project to country development and/or the furtherance of U.S. objectives.

Include in the above outline, as necessary and appropriate, significant remedial actions undertaken or planned. The narrative can best be done after the rest of PART I is completed. It should integrate the partial analyses in I-B and I-C into an overall balanced appraisal of the project's impact. The narrative can refer to other sections of the PAR which are pertinent. If the evaluation in the previous PAR has not significantly changed, or if the project is too new to have achieved significant results, this Part should so state.

008 NARRATIVE FOR PART I-A (Continue on form AID 1020-25 I as necessary):

The last PAR on this sub-project was dated February 7, 1969. It reported certain administrative difficulties that impeded progress and concluded "If by the fall of 1969 definite positive steps have not been taken by the State to meet their commitments and if physical progress is not evident this project will be discontinued." Therefore in August 1969, the USAID conducted an on-site evaluation

MISSION DIRECTOR APPROVAL →	SIGNATURE 	DATE
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## PAR CONTINUATION SHEET

This sheet is to be used for any Narrative Sections for which sufficient space has not been provided on the form. Identify each narrative by its Part and Section Designation.

008 - Narrative for Part 1-A (continued)

of the steps taken by the Mysore Government and determined that the State had met most of its basic commitments; that high level interest and support for the project is growing; and that the Indian project staff has made an adequate beginning in implementing the program. The review group recommended and the USAID agreed to continue the project as planned in the PROP.

The Mysore PWD has started construction on some badly needed all weather roads within the Pilot Project area to facilitate operations and permit the demonstrations carried on to be observed more widely. Demonstrations of land leveling, drainage, and proper irrigation were carried out on plots scattered throughout the project area and a farmer's field day was planned and executed by the counterpart staff in December. The Additional Deputy Commissioner as well as three of the cultivators participated in the field day which was well received. Some of the elements of the demonstrations have caused the Tungabhadra Command Area officials to consider some possible changes in the canal water delivery schedule. Agreement was reached for the conduct of a demonstration of soil and water management techniques on the rain-fed area which is interspersed with the irrigated land throughout the project. Mysore State is providing part of the funds for the implementation of this part of the work since it is not a permissible use of the project funds provided by the Center. New equipment including a locally fabricated scraper has been introduced and is undergoing evaluation.

A work plan for the project was completed and a training program for State technicians initiated.

**NOTE:** The USDA/SCS/PASA team members fully participated in the preparation and final review of this PAR. They also participated in the preparation of the overall aims and objectives of this project.

PART I-B - PROJECT EFFECTIVENESS

009

I-B-1 - OUTPUT REPORT AND FORECAST - (See detailed instructions)

1. CODE NO. AID/W USE ONLY	2. This section is designed to record progress toward the achievement of each project output target which was scheduled in the PIP, Part II. Where progress toward a target is significantly greater or less than scheduled, describe reason(s) beneath the target.	ACTUAL AND PLANNED OUTPUTS (ALL DATA CUMULATIVE)				6. PROJE TOT, FOR PROJE LIF.
		3 ACTUAL CUM. TO DATE	4. AS OF PRIOR JUNE 30		5. PLANNED BY NEXT JUNE 30	
			a. PLANNED	b. ACTUAL		
	The goal of this project is the development, by the Center and States, of indigenous technical competence and administrative machinery necessary for the implementation of efficient state-wide programs of soil and water management.	NA	NA	NA	NA	N

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## PART I-B - Continued

010

## B.2 - OVERALL ACHIEVEMENT OF PROJECT TARGETS

Place an "X" within the bracket on the following seven-point scale that represents your judgment of the overall progress towards project target



## PART I-C - PROJECT SIGNIFICANCE

011

## C.1 - RELATION TO SECTOR AND PROGRAM GOALS (See detailed instructions M.O. 1026.1)

This section is designed to indicate the potential and actual impact of the project on relevant sector and program goals. List the goals in col. b and rate potential and actual project impact in cols. c and d.

a. CODE NO. (AID/W USE ONLY)	SCALE FOR COLUMN c: 3= Very Important; 2= Important; 1= Secondary Importance  SCALE FOR COLUMN d: 3= Superior/Outstanding; 2= Adequate/Satisfactory/Good; 1= Unsatisfactory/Marginal	c. POTENTIAL IMPACT ON EACH GOAL IF PROJECT ACHIEVES TARGETS	d. ACTUAL IMPACT ON GOAL TO DATE RELATIVE TO PROGRESS EXPECTED AT THIS STAGE
	b. SECTOR AND PROGRAM GOALS (LIST ONLY THOSE ON WHICH THE PROJECT HAS A SIGNIFICANT EFFECT)		
	(1) Assist India to achieve self-sufficiency in food production.	3	2
	(2) Help achieve adequate supply and distribution of essential agricultural inputs, accompanied by the appropriate technology.	2	2
	(3) Help develop the indigenous institutions, technical skills and management capability necessary to assure the full application of these inputs.	3	2
	(4)		

For goals where column c. is rated 3 or 2 and column d. is rated 1, explain in the space for narrative. The narrative should also indicate the extent to which the potential impacts rated 3 or 2 in column c. are dependent on factors external to the achievement of the project targets, i.e., is there a substantial risk of the anticipated impact being forestalled by factors not involved in the achievement of project targets. If possible and relevant, it also would be useful to mention in the narrative your reading of any current indicators that longer-term purposes, beyond scheduled project targets, are likely or unlikely to be achieved. Each explanatory note must be identified by the number of the entry (col. b) to which it pertains.

012 NARRATIVE FOR PART I-C.1 (Continue on form AID 1020-25 I):

The Government of India recognizes that while India has one of the largest developed and potential water supplies in the world, the amount which can be developed economically will be insufficient to provide all the irrigation needed for the land resource. Increased food production ultimately will depend upon the efficient use of the available water as well as optimum use of the other inputs required for high yields.

This project is important to the GOI in that it is representative of conditions found in a very important land resource area. It will have applicability to conditions in four states and several million acres of presently irrigated land. There is potential for much more irrigation. The technical standards to be developed and the demonstrations, evaluations, and training to be carried on can have great impact upon the quantity of food produced from this region.

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## PART I-C - Continued

## C.2 - GENERAL QUESTIONS

These questions concern developments since the prior PAR. For each question place "Y" for Yes, "N" for No, or "NA" for Not Applicable in the right hand column. For each question where "Y" is entered, explain briefly in the space below the table.	MARK IN THIS COL.
013 Have there been any significant, unusual or unanticipated results not covered so far in this PAR?	N
014 Have means, conditions or activities other than project measures had a substantial effect on project output or accomplishments?	Y
015 Have any problems arisen as the result of advice or action or major contributions to the project by another donor?	N
016 If the answer to 014 or 015 is yes, or for any other reason, is the project now less necessary, unnecessary or subject to modification or earlier termination?	N
017 Have any important lessons, positive or negative, emerged which might have broad applicability?	N
018 Has this project revealed any requirement for research or new technical aids on which AID/W should take the initiative?	N
019 Do any aspects of the project lend themselves to publicity in newspapers, magazines, television or films in the United States?	Y
020 Has there been a lack of effective cooperating country media coverage? (Make sure AID/W has copies of existing coverage.)	N

021 NARRATIVE FOR PART I-C.2 Identify each explanatory note by the number of the entry to which it pertains. (Continue on form AID 1020-25 I as necessary):

- 014 Prior to February 1969, the work had been seriously delayed by difficulties in getting the State and Center to make funds available. Since the last PAR, the Mysore Government has taken the key steps needed to implement the project. They have assigned the needed staff, provided offices, and purchased needed equipment and supplies. Rs.720,000 have been provided for direct costs during Indian Financial Year 1970.
- 019 The work on the project has publicity value. One technical article has been approved for publication in the United States and other technical and general articles are in preparation.

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## PART II - IMPLEMENTATION REPORT

## II-A - STATUS OF SCHEDULE

Q22 A-1 - INDIVIDUAL ACTIONS (See detailed instructions M.O. 1026.1). This is a listing of major actions or steps which were scheduled for physical start or continuing implementation in the reporting period as reflected in the Project Implementation Plan, Part I.

(e) PIP ITEM NO.	MAJOR ACTIONS OR STEPS; CAUSES AND RESULTS OF DELAYS; REMEDIAL STEPS	(b) STATUS - PLACE AN "X" IN, ONE COLUMN		
		(1) BEHIND SCHEDULE	(2) ON SCHEDULE	(3) AHEAD OF SCHEDULE
	<p>Bring State and Center personnel representing the various disciplines together to identify the social and physical problems and needs relating to soil and water management in the Pilot Project area.</p> <p>Develop a plan of action and a technical guide for land treatment and a crop and water management program designed to meet the problems and needs.</p> <p>Assist individual cultivators in applying the recommended soil and water practices and management techniques on private lands.</p> <p>* Test and evaluate the applied practices to determine which are most acceptable to the cultivator and which will have extension value to adjacent areas.</p> <p>Develop programs and organizations for training groups of GOI and State technical personnel in the skills needed in carrying out soil and water management programs.</p> <p>* (See Part I-A for the causes of the delay and the remedial steps that have been taken).</p>	X	X	

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## PART II - Continued

023

## II-A.2 - OVERALL TIMELINESS

In general, project implementation is (place an "X" in one block):

(a) On schedule	X
(b) Ahead of schedule	
(c) Behind schedule	
(1) AID/W Program Approval	
(2) Implementing Agency (Contractor/Participating Agency/Voluntary Agency)	
(3) Technicians	
(4) Participants	
(5) Commodities (non-FFF)	
(6) Cooperating Country	
(7) Commodities (FFF)	
(8) Other (specify):	

**BLOCK (c):** If marked, place an "X" in any of the blocks one thru eight that apply. This is limited to key aspects of implementation, e.g., timely delivery of commodities, return of participants to assume their project responsibilities, cooperating country funding, arrival of technicians.

## II-B - RESOURCE INPUTS

This section appraises the effectiveness of U.S. resource inputs. There follow illustrative lists of factors, grouped under Implementing Agency, Participant Training and Commodities, that might influence the effectiveness of each of these types of project resources. In the blocks after only those factors which significantly affect project accomplishments, write the letter P if effect is positive or satisfactory, or the letter N if effect is negative or less than satisfactory.

## 1. FACTORS-IMPLEMENTING AGENCY (Contract/Participating Agency/Voluntary Agency)

024 IF NO IMPLEMENTING AGENCY IN THIS PROJECT. PLACE AN "X" IN THIS BLOCK:		032 Quality, comprehensiveness and candor of required reports	PP
		033 Promptness of required reports	P
025 Adequacy of technical knowledge	P	034 Adherence to work schedule	P
026 Understanding of project purposes	P	035 Working relations with Americans	P
027 Project planning and management	P	036 Working relations with cooperating country nationals	P
028 Ability to adapt technical knowledge to local situation	P	037 Adaptation to local working and living environment	P
029 Effective use of participant training element		038 Home office backstopping and substantive interest	P
030 Ability to train and utilize local staff	P	039 Timely recruiting of qualified technicians	P
031 Adherence to AID administrative and other requirements		040 Other (describe):	

## 2. FACTORS-PARTICIPANT TRAINING

041 IF NO PARTICIPANT ELEMENT IN PROJECT. PLACE AN "X" IN THIS BLOCK:		TRAINING UTILIZATION AND FOLLOW UP	
		052 Appropriateness of original selection	P
PREDEPARTURE			
042 English language ability	P	053 Relevance of training for present project purposes	P
043 Availability of host country funding	P	054 Appropriateness of post-training placement	N
044 Host country operational considerations (e.g., selection procedures)	P	055 Utility of training regardless of changes in project	
045 Technical/professional qualifications	P	056 Ability to get meritorious ideas accepted by supervisors	
046 Quality of technical orientation	P	057 Adequacy of performance	
047 Quality of general orientation	P	058 Continuance on project	
048 Participants' collaboration in planning content of program	P	059 Availability of necessary facilities and equipment	
049 Collaboration by participants' supervisors in planning training	P	060 Mission or contractor follow-up activity	
050 Participants' availability for training	P	061 Other (describe):	
051 Other (describe):			

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## PART II-B - Continued

## 3. FACTORS-COMMODITIES

PLACE AN "X" IN APPROPRIATE BLOCK:	062 FFF	063 NON-FFF	064 NO COMMODITY ELEMENT		
					072 Control measures against damage and deterioration in shipment.
065 Timeliness of AID/W program approval (i.e., PIO/C, Transfer Authorization).				P	073 Control measures against deterioration in storage.
066 Quality of commodities, adherence to specifications, marking.					074 Readiness and availability of facilities.
067 Timeliness in procurement or reconditioning.					075 Appropriateness of use of commodities.
068 Timeliness of shipment to port of entry.					076 Maintenance and spares support.
069 Adequacy of port and inland storage facilities.					077 Adequacy of property records, accounting and controls.
070 Timeliness of shipment from port to site.					078 Other (Describe):
071 Control measures against loss and theft.					

Indicate in a concise narrative statement (under the heading a. Overall Implementation Performance, below) your summary appraisal of the status of project implementation, covering both significant achievements and problem areas. This should include any comments about the adequacy of provision of direct hire technicians as well as an overall appraisal of the comments provided under the three headings (b, c & d) which follow. For projects which include a dollar input for generation of local currency to meet local cost requirements, indicate the status of that input (see Detailed Instructions).

Discuss separately (under separate headings b, c & d) the status of Implementing Agency Actions, Participants and Commodities. Where above listed factors are causing significant problems (marked N), describe briefly in the appropriate narrative section: (1) the cause and source of the problem, (2) the consequences of not correcting it, and (3) what corrective action has been taken, called for, or planned by the Mission. Identify each factor discussed by its number.

079 NARRATIVE FOR PART II-B: (After narrative section a. Overall Implementation Performance, below, follow, on form AID 1020-25 I as needed, with the following narrative section headings: b. Implementing Agency, c. Participants, d. Commodities. List all narrative section headings in order. For any headings which are not applicable, mark them as such and follow immediately below with the next narrative section heading.)

- a. Overall Implementation Performance. - Since the last PAR, the Government of India and the State of Mysore have taken steps to provide the needed personnel, facilities and equipment. This has permitted effective use of the USAID inputs.
- b. Implementing Agency - USDA/PASA employees have been provided in a timely manner. The staff is doing the intended job.
- c. Participants - Most of the returned participants have not been assigned to Project work but are located elsewhere in the State. Attempts continue to keep them informed on the results of the Project so that they can make application, insofar as possible, in the area of their work. (Note part II-B, 054).
- d. Commodities - Receipt of needed commodities has been timely.

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**PART III - ROLE OF THE COOPERATING COUNTRY-**

The following list of illustrative items are to be considered by the evaluator. In the block after only those items which significantly affect project effectiveness, write the letter P if the effect of the item is positive or satisfactory, or the letter N if the effect of the item is negative or less than satisfactory.

<b>SPECIFIC OPERATIONAL FACTORS:</b>	
080 Coordination and cooperation within and between ministries.	-
081 Coordination and cooperation of LDC gov't. with public and private institutions and private enterprise.	P
082 Availability of reliable data for project planning, control and evaluation.	N
083 Competence and/or continuity in executive leadership of project.	-
084 Host country project funding.	P
085 Legislative changes relevant to project purposes.	-
086 Existence and adequacy of a project-related LDC organization.	P
087 Resolution of procedural and bureaucratic problems.	N
088 Availability of LDC physical resource inputs and/or supporting services and facilities.	N
089 Maintenance of facilities and equipment.	-
090 Resolution of tribal, class or caste problems.	-
091 Receptivity to change and innovation.	P
092 Political conditions specific to project.	-
093 Capacity to transform ideas into actions, i.e., ability to implement project plans.	N
094 Intent and/or capacity to sustain and expand the impact of the project after U.S. inputs are terminated.	-
095 Extent of LDC efforts to widen the dissemination of project benefits and services.	P
096 Utilization of trained manpower (e.g., participants, counterpart technicians) in project operations.	N
097 Enforcement of relevant procedures (e.g., newly established tax collection and audit system).	-
098 Other:	
<b>HOST COUNTRY COUNTERPART TECHNICIAN FACTORS:</b>	
099 Level of technical education and/or technical experience.	P
100 Planning and management skills.	N
101 Amount of technician man years available.	P
102 Continuity of staff.	-
103 Willingness to work in rural areas.	P
104 Pay and allowances.	N
105 Other:	

In the space below for narrative provide a succinct discussion and overall appraisal of the quality of country performance related to this project, particularly over the past year. Consider important trends and prospects. See Detailed Instructions for an illustrative list of considerations to be covered.

For only those items marked N include brief statements covering the nature of the problem, its impact on the achievement of project targets (i.e., its importance) and the nature and cost of corrective action taken or planned. Identify each explanatory note.

106 NARRATIVE FOR PART III (Continues on form AID 1020-25 I):

- 082 Data from Indian sources is poorly organized and not easily located.
- 087 Procedural and bureaucratic problems absorb too much of the resources available to the project.
- 088 The lack of agricultural production credit has created some difficulty.
- 093 Some improvement in carrying out action programs has been shown but -100 more is needed.
- 096 Only one returned participant has been assigned to the project.
- 104 Mysore has not provided a project allowance for Indian employees so qualified individuals are reluctant to transfer from other state activities where the project allowance is given.

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PART IV - PROGRAMMING IMPLICATIONS

IV-A - EFFECT ON PURPOSE AND DESIGN

Indicate in a brief narrative whether the Mission experience to date with this project and/or changing country circumstances call for some adjustment in project purposes or design, and why, and the approximate cost implications. Cover any of the following considerations or others that may be relevant. (See Detailed Instructions for additional illustrative considerations.) Relevant experience or country situations that were described earlier can simply be referenced. The spelling out of specific changes should be left to the appropriate programming documents, but a brief indication of the type of change contemplated should be given here to clarify the need for change. For example, changes might be indicated if they would:

1. better achieve program/project purposes;
2. address more critical or higher priority purposes within a goal plan;
3. produce desired results at less cost;
4. give more assurance of lasting institutional development upon U.S. withdrawal.

107 NARRATIVE FOR PART IV-A (Continue on form AID 1020-25 1):

The course of action originally proposed remains a sound approach toward satisfying the goals and targets of the project. It is contemplated that this sub-project will be completed in FY 1972.

IV-B - PROPOSED ACTION

108 This project should be (Place an "X" in appropriate block(s)):

1. Continued as presently scheduled in <del>PROP</del> <b>PROP</b>	<b>X</b>
2. Continued with minor changes in the PIP, made at Mission level (not requiring submission of an amended PIP to AID/W).	
3. Continued with significant changes in the PIP (but not sufficient to require a revised PROP). A formally revised PIP will follow.	
4. Extended beyond its present schedule to (Date): Mo. ___ Day ___ Yr. ___. Explain in narrative, PROP will follow.	
5. Substantively revised. PROP will follow.	
6. Evaluated in depth to determine its effectiveness, future scope, and duration.	
7. Discontinued earlier than presently scheduled. Date recommended for termination: Mo. ___ Day ___ Yr. ___	
8. Other. Explain in narrative.	

109 NARRATIVE FOR PART IV-B: