

PD-AAC-055-A1

AID 1380-1 (7-71)	DEPARTMENT OF STATE AGENCY FOR INTERNATIONAL DEVELOPMENT	1. Cooperating Country <b>TUNISIA</b>	Page 1 of 10 Pages
		2. PIO/T No. <b>664-276-2-30034</b>	3. <input type="checkbox"/> Original or Amendment No. <b>1</b>
PIO/T	PROJECT IMPLEMENTATION ORDER/TECHNICAL SERVICES	4. Project/Activity No. and Title <b>664-11-130-276</b> <b>Accelerated Livestock Production</b> 10p.	

DISTRIBUTION	5. Appropriation Symbol <b>72-1131004</b>	6.A. Allotment Symbol and Charge <b>354-50-664-00-69-31</b>	6.B. Funds Allotted to: <input type="checkbox"/> A.I.D./W <input checked="" type="checkbox"/> Mission
	7. Obligation Status <input type="checkbox"/> Administrative Reservation <input checked="" type="checkbox"/> Implementing Document		8. Funding Period (Mo., Day, Yr.) From <b>5/1/73</b> To <b>5/1/74</b>
	9.A. Services to Start (Mo., Day, Yr.) Between <b>Sept 1 1973</b> and <b>Nov 1 1973</b>		9.B. Completion date of Services (Mo., Day, Yr.) <b>5/1/74</b>
	10.A. Type of Action <input type="checkbox"/> A.I.D. Contract <input type="checkbox"/> Cooperating Country Contract <input type="checkbox"/> Participating Agency Service Agreement <input checked="" type="checkbox"/> Other <b>To be determined by authorized agent in USAID</b>		
10.B. Authorized Agent <b>AID/W</b>			

Estimated Financing		(1)	(2)	(3)	(4)
		Previous Total	Increase	Decrease	Total to Date
\$1.00= TD 0.470					
11. Maximum A.I.D. Financing	A. Dollars	15,000	25,000		40,000
	B. U.S.-Owned Local Currency				
12. Cooperating Country Contributions	A. Counterpart				
	B. Other Contribution	GOT Con- TD 6,100 tribution \$ 12,979		TD 520	TD 5,480 \$ 11,660

13. Mission References

14. Instructions to Authorized Agent

1. This amended PIO/T supersedes in its entirety the original PIO/T dated February 28, 1973. Substantial revisions have been made in the description and timing of the technical services to be provided and the budget. The \$15,000 original obligated remains intact and is increased under this amendment by \$25,000 for a new total of \$40,000. The dinar budget has been reduced TD 520 to a new total of TD 5,480.

2. At the request of the Government of Tunisia this PIO/T provides funds for the authorized agent (Continued on page 6)

15. Clearances - Show Office Symbol, Signature and Date for all Necessary Clearances.

A. The specifications in the scope of work are technically adequate LVP <i>[Signature]</i> AGR <i>[Signature]</i>	B. Funds for the services requested are available <i>[Signature]</i>
C. The scope of work lies within the purview of the initiating and approved Agency Programs PEV <i>[Signature]</i>	
E. PSS <i>[Signature]</i>	F.

16. For the cooperating country: The terms and conditions set forth herein are hereby agreed to <i>[Signature]</i> Signature and date: <b>Moncef Charant</b> Title: <b>Director, Inter Cooperation</b>	17. For the Agency for International Development <i>[Signature]</i> Signature: <b>Sumner Gerard</b> Title: <b>Director, USAID/Tunis</b>	18. Date of signature <b>6/28/73</b>
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**SCOPE OF WORK**

**19. Scope of Technical Services**

A. Objectives for which the Technical Services are to be Used  
 To develop a suitable information base reflecting the current state of livestock production and animal husbandry practices in the five northern governorates of Tunisia presently serviced by the Livestock Production Project. The information collected will be used to affirm the present livestock project design, to examine alternative modes of operation for accomplishing project objectives, to develop time phased operational plans, and to assess results achieved, against fixed benchmarks, during the life of the project.

A second and broader purpose is to develop a more structured livestock information and sub-sector assessment by collating existing data and statistical information.

**B. Description:** (Continued on page 7)

**C. Technicians**

(1) (a) Number	(b) Specialized Field	(c) Grade and/or Salary	(d) Duration of Assignment (Man-Months)
1	Agricultural Economist (Specialized in livestock sub-sector with statistical background necessary to conduct field survey)	\$150/day	4 mos.
1	Agricultural Sociologist	\$150/day	4 mos.

(2) Duty Post and Duration of Technicians' Services

Tunis and travel in Northern Governorats as required for a period of 4 months.

(3) Language requirements: An S-3 level in French or Arabic is preferable but the team's capability to conduct a Base Line Study is of primary importance; interpreters can be hired. Mr. Afif Tannous, formerly of USDA, is a good example of the type of the person required for one of the two senior positions.

(4) Access to Classified Information

Not required.

(5) Dependents  Will  Will Not Be Permitted to Accompany Technicians

**D. Financing of Technical Services**

(1) By AID - \$ 40,000

(2) By Cooperating Country - TD 5,480

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Accelerated Livestock Production

20. Equipment and Supplies (Related to the services described in Block 19 and to be procured outside the Cooperating Country by the supplier of these services)

A. (1) Quantity (2) Description

(3) Estimated  
Cost

(4) Special Instructions

None

B. Financing of Equipment and Supplies

(1) By AID - \$ 0

(2) By Cooperating Country - 0

21. Special Provisions

- A. This PIO/T is subject to AID (contracting) (FASA Implementation) regulations.
- B. Except as specifically authorized by AID, or when local hire is authorized under the terms of a contract with a U.S. Supplier, services authorized under this PIO/T must be obtained from U.S. sources.
- C. Except as specifically authorized by AID/W, the purchase of commodities authorized under this PIO/T will be limited to the U.S. under Geographic Code 000.
- D. Other (specify):

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22. Reports by Contractor or Participating Agency (Indicate type, content and format of reports required, including language to be used if other than English, frequency or timing of reports, and any special requirements)

One hundred copies in English and French of the statistics, analysis and sub-sector assessment in bound form should be furnished USAID/Tunis within 60 days after the field work is completed.

23. Background Information (Additional information useful to Authorized Agent and Prospective Contractors or Participating Agency; if necessary cross reference Block 19.C(4) above.)

The team selected for the Base Line Study will have access to the Accelerated Livestock Production PROP and PAR so as to be familiar with project objectives. Any statistics or data the GOT has will be available to the team for familiarization of the team with the livestock situation in Tunisia. Information for the agriculture sector of Tunisia will be available for the team. Three important contacts in the GOT will be the Livestock Project Officials, themselves, the National Institute of Statistics and the Bureau of Agricultural Planning (BPLA) in the Ministry of Agriculture.

24. Relationship of Contractor or Participating Agency to Cooperating Country and to AID

A. Relationships and Responsibilities

The team will be responsible to the USAID Director or his designee. Contacts with the government and USAID will be through the USAID Project Manager

B. Cooperating Country Liaison Officials

The Director of the Accelerated Livestock Production Project will supervise the study from the GOT side.

C. AID Liaison Officials

Mr. Donald Shallow, Project Officer

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**LOGISTIC SUPPORT**

**25. Provisions for Logistic Support**

A. Specific Items (Insert "X" in applicable column at right. If entry needs qualification, insert asterisk and explain below in C. "Comments")

	In Kind Supplied By		From Local Currency Supplied By	
	AID	Cooperating Country	AID	Cooperating Country
(1) Office Space	X			
(2) Office Equipment	X 1/			
(3) Housing and Utilities				
(4) Furniture				
(5) Household Equipment (Stoves, Refrig., etc.)				
(6) Transportation in Cooperating Country		X 2/		X 2/
(7) Interpreter Services	X			X
Other (Specify) (8) Per diem in Tunisia				X
(9) International Travel				X
(10) Salary local staff				X
(11)				
(12)				
(13)				
(14)				
(15)				

B. Additional Facilities Available From Other Sources

1/ Funds for rental of punch card processing to be provided from GOT contribution.

C. Comments

2/ Vehicles to be supplied by project or rented with GOT contribution.

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ORDER/TECHNICAL  
SERVICES1. Cooperating Country  
TUNISIA

2.a. Code No.

2.b. Effective Date

2.c.  Original OR  Amendment

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Accelerated Livestock Production

Indicate block  
numbers.

Use this form to complete the information required in any block of a FIO or PA/PR form.

(Block 14)

to employ a team of experts which can conduct a two part, Baseline Study during the early life of the project. The study is designed to supply the livestock project team with essential baseline information for planning, management and evaluation of this complicated undertaking. While the description clearly indicates the general thrust and parameters of the study, no attempt was made to lay out an exhaustive plan of execution. It is intended that the implementing agent have a certain degree of flexibility in preparing the baseline study methodology and have the freedom to recommend additions or modifications as might be required.

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numbers.

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Block 19

B. Description of Technical Services1. Overview

Livestock production data and statistics presently available in Tunisia generally are considered to be incomplete and unreliable. The unsatisfactory state of the livestock information base thwarts effective project planning and evaluation. The baseline study is intended to fill this gap. The task, divided into two parts, will require the generation of information here-to-fore unavailable and the collation of existing but unstructured data currently available from various sources.

While the Tunisian Livestock Production Program is national in scope it appears impractical to undertake a nation-wide livestock baseline study and animal census. Such an effort would involve surveying an unmanageably large geographic area and a national livestock population composed of cattle, sheep, goats, camels, horses and donkeys. Clearly, this is beyond the intent of this first, highly focussed baseline study. Conversely, an intensive baseline study of a limited portion of the population, such as cattle (and/or sheep), restricted to the immediate USAID/GOT project area, coupled with a sub-sector assessment, and accomplished in a relatively short-time frame, would be highly beneficial in terms of planning, implementation management and periodic evaluation.

A general guideline and parameter for assembling the baseline information will be the existing project design (664-276). The logical framework for this project indicates a hierarchy of objectives from the most tangible (output level) to the more abstract (goal level). Thus the log frame will serve as a guide to the types and limits of the information gathering. Although this approach might appear restrictive, the intent is to formulate a baseline study that is economical and immediately applicable to the livestock project.

2. Sample Survey

One of the two major parts of the baseline study is a sample survey. The sample will be conducted in the five northern survey

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Block 19

governorates of Jendouba, Beja, Bizerte, Le Kef and Tunis Nord where a major portion of project activity occurs. While there are acknowledged problems in selecting a valid, representative sample for such a survey, it is proposed that the sample area be restricted to those demonstration farms participating in the project and 4 or 5, large and small scale, neighboring farms. The advantages of this cluster sampling mode are twofold. First, the total number of sample farms will be approximately 250--a manageable number. Secondly, the sample will be immediately relevant and useful to the project. It is of the utmost importance that project officials know reliably for the purposes of project planning the state of livestock and livestock production practices and, in a measureable way, the impact and validity of the current mix of project activities when evaluated in the future. One must be able to answer the question, "Is the project design indeed valid? Is it accomplishing its various objectives to a significant degree? If not, how best can we modify the approach to maximize the impact?" While the specific methodology and design of the sampling materials will be left to the implementing agent, the collected information and follow-up analysis, generally speaking, should fall into the following categories:

- a. State of farmer skills, knowledge, capabilities and attitudes in regard to livestock production.
- b. State of animal husbandry practices (e.g. feed and forage production, feedlot operations, animal health, breeding, farm management practices, marketing, methods and problems, etc.)
- c. Farmer receptivity to modern animal husbandry practices,
- d. Relationships with GOT livestock services (e.g. credit, veterinary services, subsidies, etc.)
- e. Animal (cattle and/or sheep) census (within project area).

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## Block 19

A detailed model of the tabulated questions to be used should be developed and tested before the forms are finalized. The number of areas required for sampling will be determined more precisely by the implementing agent so as to obtain the most accurate polling within the imposed constraints. After collection, the information should be recorded on punch cards, programmed, statistically aggregated and analyzed, again, in relation to the livestock project design. The completion of this component of the overall baseline study should provide project personnel with the information necessary to execute effectively the type of livestock program consonant with existing social, cultural, economic and environmental conditions.

### 3. Livestock information collection and collation-Evaluative report. Subsector Assessment.

This component of the baseline study is broader in scope than Part I, Sample Survey, and nation-wide in character. The nature of the evaluative report puts it on a macro or aggregate scale. It will be a sub-sector (livestock) level assessment of government livestock organizations, programs, extension activities and services. In addition, the assessment, utilizing available statistical data and reports, should cover the state of the livestock industry, i.e. size and distribution of national livestock population and livestock farmer cadre, public and private investment, rates of return, marketing information and patterns, and livestock development prospects.

A spin-off of the evaluative report exercise should be recommendations concerning future information gathering modes, types and quality in order to utilize the baseline study and sub-sector assessment in a continuous evaluation process.

### Financial Plan

#### 1. U.S. Contribution (Dollars)

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Senior Agricultural Sociologist	120 days @ \$150/day =	18,000
Senior Agricultural Economist	120 days @ \$150/day =	18,000
Overhead, secretarial services reproduction and translation services, computer services, etc...		4,000
		<u>40,000</u>

2. GOT Contribution

The local currency to meet the following estimated costs from CY 1973 will be released by the GOT either directly to the project or through the USAID.

Travel and Per Diem, 240 man days in Tunisia @ \$33/day plus travel U.S./Tunisia	4,200 D
Automobile rental	680 D
Local Staff salaries	500 D
Miscellaneous services	100 D
	<u>5,480 D</u>

Approximately 6 - 12 Tunisian interviewers will be required to undertake the field survey portion of the study. These will be provided by short-term employment contracts and permanent staff members of the livestock project.