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PROJECT APPRAISAL REPORT (PAR)

6640255 (15)

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|--|--|------------------------------|-------------------|
| 1. PROJECT NO. 66-11-360-255.1 | 2. PAR FOR PERIOD: July 72 TO June 74 | 3. COUNTRY Tunisia | 4. PAR SERIAL NO. |
|--|--|------------------------------|-------------------|

5. PROJECT TITLE
**Food Fortification and Nutrition
(Institute of Nutrition and Food Technology)**

| | | | |
|--|--|---|---|
| 6. PROJECT DURATION: Began FY 69 Proposed Ends FY 76 | 7. DATE LATEST PROP March 31, 1971 | 8. DATE LATEST RFP February 6, 1970 | 9. DATE PIUOR PLAN August 9, 1972 |
|--|--|---|---|

| | | | |
|------------------|---|--|---|
| 10. U.S. FUNDING | a. Cumulative Obligation Thru Prior FY: \$ 368,000 | b. Current FY Estimated Budget: \$ 82,000 | c. Estimated Budget to completion After Current FY: \$ 143,000 |
|------------------|---|--|---|

11. KEY ACTION AGENTS (Contractor, Participating Agency or Voluntary Agency)

| a. NAME | b. CONTRACT, PASA OR VOL. AG. NO. |
|--|-----------------------------------|
| Office of International Health, WHO | PASA AFR (HA) 16-68 |
| Mrs. Donna McLellan May | AID/af-835 |
| Dr. Jacques May | |

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 | | | 1. Revised PROP submitted to AID/W. | July 74 |
| | X | | 2. AID/W approves revised PROP. | August 74 |
| X | | X | 3. Prepare general inventory control and property accountability records including AID-financed commodities, and conduct end-use checks. | December 74 |
| X | | X | 4. Collect additional information on a) the Institute's staffing pattern, including levels of training reached and where trained, and b) the jobs being filled by Superior School of Nutrition Science graduates. | December 74 |
| X | | X | 5. More coordination necessary among various offices/agencies concerned with nutrition.. | Continuous |
| X | X | | 6. Continual follow-up necessary on participants in training to assure that objectives stated in PIO/P are being accomplished. | Continuous |

| | |
|--|---------------------------|
| D. REPLANNING REQUIRED | E. DATE OF MISSION REVIEW |
| REVISED OR NEW: <input checked="" type="checkbox"/> PROP <input type="checkbox"/> PIP <input type="checkbox"/> PRO AG <input type="checkbox"/> PIO/T <input type="checkbox"/> PIO/C <input type="checkbox"/> PIO/P | June 14, 1974 |

| | |
|---|--|
| PROJECT MANAGER: TYPED NAME, SIGNED INITIALS AND DATE WTO: Dr. Nassib Hamidan | MISSION DIRECTOR: TYPED NAME, SIGNED INITIALS AND DATE A/DIR: Herbert L. Thompson July 5, 1974 |
|---|--|

PFS:RCarlson PFS:HGray PFS:AHullung (subs)
HUR:JWKennedy (subs)

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 | | | OUT-STANDING | | LOW | MEDIUM | | | HIGH |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 1 | 2 | 3 | 4 | 5 |
| 1. PASA-Public Health Service | | | | | | X | | | | | | X |
| 2. Consultant/Contract Personnel | | | | | | X | | | | | X | |
| 3. Unpaid Consultants | | | | | | X | | | X | | | |

Comment on key factors determining rating

All Personnel

1. **High technical competency**
2. **Strong Managerial ability**
3. **Excellent relations with host nationals**
4. **Excellent French and/or Arabic language proficiency**

| | | | | | | | | | | | | | |
|--------------------------------|--|--|--|---|--|--|--|--|--|--|--|--|---|
| 4. PARTICIPANT TRAINING | | | | X | | | | | | | | | X |
|--------------------------------|--|--|--|---|--|--|--|--|--|--|--|--|---|

Comment on key factors determining rating

The degree equivalency problem has been resolved, and final long-term participants have been selected, although not all the desired fields were covered. Partly because this training is behind schedule, an extension of the project will be sought to fund participants to completion of their studies.

| | | | | | | | | | | | | | |
|-----------------------|--|--|--|---|--|--|--|--|--|--|--|--|---|
| 5. COMMODITIES | | | | X | | | | | | | | | X |
|-----------------------|--|--|--|---|--|--|--|--|--|--|--|--|---|

Comment on key factors determining rating

The move to the new building plus the use of electric current stabilizers have reduced the incidence of malfunctioning equipment. Also the Institute has just hired a full-time person who will be in charge of inventory control and property accountability.

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

Comment on key factors determining rating

The competence of the Director of the Institute, his ability to get things done and his excellent relations with the USAID continue to be extremely helpful in developing the Institute. O/S has placed sufficient priority on project to steadily assume an increasing portion of the Institute's operational expense. This year it contributed 95% of the operation budget, with its contribution to be 100% in CY 1975.

The GOT would rate outstanding on the scale above, except for one aspect which has brought the total rating down: the Institute should strengthen its coordination with other GOT agencies concerned with nutrition. (The USAID is proposing assistance in FY 1975, primarily as a separate project, to help with this activity).

| | | | | | | | | | | | | | |
|------------------------|--|--|--|---|--|--|--|--|--|--|--|---|--|
| 7. OTHER DONORS | | | | X | | | | | | | | X | |
|------------------------|--|--|--|---|--|--|--|--|--|--|--|---|--|

(See Next Page for Comments on Other Donors)

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

Contributions of funds, commodities, and services from various donors continue to be important to the success of the project.

UNICEF: Printing press, 2 vehicles, tech. assist and 1 scholarship

WHO: Nutr. Survey computer requirements, 2 scholarships, misc. commodities

BEIGIUM: 2 SSMS professors and lab equipment

U.S. PEACE CORPS: 4 volunteers

WEST GERMANY: Metabolic chamber

CANADA: 2 scholarships

FAO: 2 TDY consultants, and technical publications

III. KEY OUTPUT INDICATORS AND TARGETS

| A. QUANTITATIVE INDICATORS FOR MAJOR OUTPUTS | | TARGETS (Percentage/Rate/Amount) | | | | | |
|---|----------------------------|---|------------|--------|--------------|--------------|-------------------|
| | | CUMU- LATIVE PRIOR FY | CURRENT FY | | FY <u>75</u> | FY <u>76</u> | END OF PROJECT |
| | | | TO DATE | TO END | | | |
| U.S.-trained senior staff (returned) | PLANNED | 3 | - | 5 | - | - | 8 |
| | ACTUAL PERFORM- ANCE | 3 | - | | | | |
| | REPLANNED | | | 1 | - | 2 | 8* |
| Trained middle and lower level personnel (OJT) | PLANNED | | | | | | |
| | ACTUAL PERFORM- ANCE | 40 | 10 | | | | |
| | REPLANNED | | | 10 | 10 | - | 60 |
| Nutrition baseline survey (people sampled) | PLANNED | 15,000 | - | - | - | - | 15,000 |
| | ACTUAL PERFORM- ANCE | 0 | 3,500 | | | | |
| | REPLANNED | | | 3,500 | 11,500 | - | 15,000 |
| | PLANNED | | | | | | |
| | ACTUAL PERFORM- ANCE | | | | | | |
| | REPLANNED | | | | | | |
| B. QUALITATIVE INDICATORS FOR MAJOR OUTPUTS | | COMMENT: | | | | | |
| 1. Permanent facilities completed | | New building is complete and operational, although refinements may be added as needs arise and donors are identified. | | | | | |
| 2. Laboratory fully equipped | | COMMENT: All equipment has been purchased for Institute's primary activities. However, additional equipment may be added as needs arise and donors are identified. | | | | | |
| 3. | | COMMENT: * Includes 2 short-term and 6 academic of whom 2-3 are expected to return in FY 1977. | | | | | |

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IV. PROJECT PURPOSE

1. 1. Statement of purpose as currently envisaged.

2. Same as in PROP? YES NO

Establish by July 1977 a viable nutrition institute including four functioning divisions:

- 1 - Nutrition Planning and Coordination**
- 2 - Applied Nutrition**
- 3 - Nutrition Education**
- 4 - Food Technology**

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

2. Evidence to date of progress toward these conditions.

- 1. Institute capable, with limited assistance, of developing and implementing national nutrition program.**
- 2. Specific applied nutrition programs developed and being implemented.**
- 3. a. Institute capable of developing and implementing nutrition education programs.**
b. Superior School of Nutrition Science graduating 25/year.
- 4. a. Nutritional qualities of food being evaluated and improved.**
b. Consumer being protected through product monitoring and proposal of food legislation.

- 1. USAID assistance has focused on the physical and technical aspects of the Institute in an effort to establish a sound foundation. The planning and coordinating division has been established but has received less attention. The USAID expects to address this imbalance in its subsequent Nutrition Planning Project.**
- 2. Nutrition Survey 20% complete.**
- 3. a. Mass media programs are operational and the Institute is gaining the capability of developing and implementing an integrated nutrition ed. progr.**
b. SSNS fully operational.
- 4. a. Tunisian food evaluation nearly complete and development of selected foods is in progress.**
b. Quality control program is operational, and proposals for new legislation are being prepared for presentation to the National Assembly in CY1974.
Based on above status, USAID will propose project extension to fund a) at least three participants to completion of MS degrees, b) USAID Nutrition Advisor and possibly consultants, to assist with development of national nutrition program, and c) contract technician to assist with National Nutrition Survey.

V. PROGRAMMING GOAL

A. Statement of Programming Goal

Improved nutrition and child development in order to: (a) provide a more productive and energetic population and (b) increase acceptance of family planning through reduced child mortality.

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, if one accepts the premise that improved nutritional standards for the Tunisian population is an important development factor, the establishment of a national nutrition institute as the focal point of all official nutritional activities in Tunisia should as a result of its broad range of operational programs have a direct impact on the nutritional well-being of the entire population, especially the younger generations. Establishment of such an institute should lead to healthier bodies, increased resistance to disease, happier people, and a more energetic and productive work force. The increased resistance to disease should also lead to reduced infant mortality and eventually contribute to a greater acceptance of family planning.