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TITLE: MOROGORO POULTRY PROJECT

ORIGINATOR: AFRICAN NATIONAL CONGRESS OF SOUTH AFRICA

LOCATION: MAZIMBU FARM - MOROGORO TANZANIA

FUNDING REQUEST: - TANZANIAN SHILLINGS

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I. GENERAL DESCRIPTION.

With the allocation of the Morogoro site for the School and Farm complex in 1977, the ANC set to work to provide not only the facilities for education of the studentswho have left and who will leave South Africa, but also designed a number of agricultural projects which would render the Morogoro site self-sufficient in food production. These facits of f the farm also aimed at providing training facilities for the students in the various aspects of modern agriculture.

One of the first undertakings following the establishment of the Secondary School was the construction of two poultry units which would provide fresh broilers and eggs for the community. Although these units have met the immediate need for a high protein food supply, further development of the poultry project is necessary to fulfill the long term aim of self-sufficiency in poultry production.

At present a second structure has been constructed and is ready to house the layers. A third has been "staked-out" as an additional layer unitunit but is yet to be started. In all, the poultry project aims at establishing layer, broiler and breeding units to fulfill the following objectives:

OBJECTIVES:

1. To erect, and equip a poultry farm with the necessary pens, sheds and breeding units.
2. To act as a vocational training and integrated work program of the Morogoro Secondary School for animal husbandry and farm management.
3. To start a breeding and hatching enterprise which would help supply

the local demand for chicks and assist in attaining self-sufficiency in the overall poultry farm project.

4. To assist in supplying the food needs of the Morogoro School and farm at a projected population of 1000 persons by the end of 1981 and 2000 persons by 1984.

## II. THE LOCATION AND SIZE.

The poultry project is to be located near to the vocational training area at e the East end of the site. In all there will be 9 buildings when the final stage is finished - 4 layer units enclosing 3 pens each, 2 broiler houses covering 6 pens (4+2), one incubator/hatchery, one egg storage room and a parent stock pen.

The total population of the various pens at any one time will be as follows:

| | 1981 | 1982 | 1983 |
|---|---|---|---|
| layers | 1500 | 1500 | 3000 |
| broilers | 2000 | 2000 | 3000 |
| hatchery | N/A | 500/wk | 500/wk |
| parent | 525 | 525 | 525 |

## III. BENEFITS:

The total population of the Morogoro School and Farm will benefit from this constant source of broilers and eggs.

The students and ANC members attached to the poultry project for vocational training will be able to have practical experience in animal husbandry and farm management.

The local population will gain an additional source of chicks, eggs and poultry meat to meet ther daily diet requirements.

## IV. RELATED PROGRAMMES AND SOURCES OF ADMINISTRATIVE/TECHNICAL SUPPORT.

The poultry project is part of a comprehensive plan to help the Morogoro school and farm complex be self-sufficient in its food production.

The production of maize and other grain crops on the farm will provide part of the feed for the poultry.

A common butchery unit will slaughter all farm livestock. Available farm transport will carry the poultry requirements from the area of supply to the project.

A variety of interested groups are helping to support the project. The Danish volunteer service has provided trained farm manager to oversee all farm projects.

To date, funds have been received from I SIDA for phase I stock and equipment totalling Tsh. 65.900.

## V. OPERATIONAL PLAN.

The poultry project has been planned in its totality by the construction department of the Morogoro School and Farm complex. Because it will service a growing population and because of its costs it will be carried out in three phases which will correspond approximately with the population of the complex.

### PHASE I.

This phase is well underway and anticipates a population of 500-1000 people. The final layer unit will be completed in early 1981, a bit before the population of the community is due to reach 1000. Under this phase, two(2) broiler units of two(2) pens reach and two(2) layer units of three (3) pens each are to be completed. Also the incubator/hatchery will be constructed and installation will get underway. In all cases the stock will have to be purchased for all of these units.

PHASE II.

The actual production capacity of the poultry project will not increase during this phase as the population will only reach the 1000 level during this period. During this phase the main aim is to establish the means of becoming self-supplying in broiler stocks.

The parent stock unit, egg storage and feed store equipment with feed huller, grinder and mixer establish a consistent supply of eggs to the incubator/hatchery, eggs for the community and feed for the poultry.

PHASE III.



Phase LII completes the expansion process and enables the poultry project to feed a population of up to 2000 people with some small percentage for supplying the local market. Under this phaseopne(1) will broiler unit of two(2) pens and two(2) layer units of three (3) pens each are to be completed and equipped.
Although the population may not reach 2000 people until 1983-84 it is necessary to construct the units well ahead of demand so that there is no short fall. As the parent stock and layers must be changed once annually this will be a re-occuring cost.

The responsibility for administering the funds for the project will fall directly to the Treasury Department of the ANC(S.A.)

The project office will provide a liaison between the treasury department, the donors and the poultry project itself.

Funds for the poultry project will be accounted for by the Morogoro project manager's office to the projects office of the treasury department.

All reports required by the donor agencies will be issued from the projects office, treasury department ANC South AFrica Lusaka.

# PROJECT BUDGET SUMMARY.

| | | | COST Tsh. |
|---|---|---|---|
| 1. | PHASE I | 1980-81 | 986.150 |
| 2. | PHASE II | 1981-82 | 548.250 |
| 3. | PHASE III | 1982-83 | 737.250 |
| | | | 2,271.650 |

Plus inflation costs of 40%/annum

| | | | |
|---|---|---|---|
| 1. | PHASE II | plus 40% of phase II costs | 219,300 |
| 2. | PHASE III | plus 80% of phase III costs | 589.800 |
| | | | 809,100 |

Tsh 3,080,750

PROJECT BUDGET.

A. PHASE I 1980-8I

I. Construction Costs

| Building Description | Number | Area | Cost/unit | Ts/cost | Total |
|---|---|---|---|---|---|
| a) layer units | 2 x units | @ 157.5m$^2$ | @ 1500m$^2$ | = 472,500 | |
| b) broiler units | 2 x units | 10.5m$^2$ | @ 1500m$^2$ | = 315,000 | |
| c) hatchery | 1 x unit | 49m$^2$ | @ 1000m$^2$ | = 49,000 | |
| | | | | | 836,500 |

2. STOCK

| | | | | |
|---|---|---|---|---|
| a) layers | 1500 birds | @ 8 | = | 12,000* |
| | 500 birds | @ 10 | | 5,000* |
| b) broilers | 1000 birds | @ 8 | | 8,000* |
| | 2500 " | @ 10 | | 25,000 |
| c) Parent stock | 500 hens | @ 30 | | 15,000 |
| (import) | 25 cockerels | 30 | | ,750 |
| | | | | 65,750 |

3. EQUIPMENT.

| | | | | |
|---|---|---|---|---|
| a) feeders | 40 x 210 | @ | 8,400 | |
| | 40 x 250 | @ | 10,000 | |
| b) drinkers | 20 x 250 | @ | 5,000 | |
| | 20 x 300 | @ | 6,000 | |
| c) beak remover | 1 x 2500 | | 2,500* | |
| d) incubator/hatcher | | | 20,000 | |
| e) cooling unit | | | 7,000 | |
| f) mediatives/minerals | | | | |
| vitamins (import) | | | 25,000* | 83,900 |
| | | | | 986,150 |

* These costs have been paid by SIDA.

B. PHASE II 1981

I. CONSTRUCTION COSTS.

| Description. | Number | | Area | Cost/unit | Ts/costs | Total |
|---|---|---|---|---|---|---|
| a) parent stock unit | 60m$^2$ | @ | | 1500 = | 90,000 | |
| b) egg storage | 25m$^2$ | @ | | 1000 | 25,000 | |
| c) feed storage | 135m$^2$ | @ | | 1500 | 202,500 | |
| | | | | | 317,500 | |

2. STOCK.

| | | | | |
|---|---|---|---|---|
| a) layers | | | 1500@10 = | 15,000 |
| b) broilers | | | 7000@10 | 70,000 |
| c) parent stock (imported) | | | 500@- | |
| | | | 30 | 15,000 |
| " " (imported) | | cockerels | 25@30 | 750 |
| | | | | 100,750 |

3. EQUIPMENT.

| | | |
|---|---|---|
| a) feed grinder and motor | 40,000 | |
| b) feed mixer | 30,000 | |
| c) medication/minerals/vitamins | 25,000 | |
| d) feed huller | 35,000 | |
| | 130,000 | 584,250 |

C. PHASE III 1982-83.

I. CONSTRUCTION COSTS.

| Description. | Number | Area | Cost/unit | Ts/costs | Total |
|---|---|---|---|---|---|
| a) layer units | 2xunits | 157.5m$^2$ | 1500 | = 472,500 | |
| b) broiler unit | 1xunit | 108m$^2$ | 1500 | 162,000 | |
| | | | | 634,500 | |

2. STOCK.

| | | | | | |
|---|---|---|---|---|---|
| a) layers | 3000 | | @ | 10 | = 30,000 |
| b) parents stock(imported) | 500 | hens | @ | 30 | 15,000 |
| " | 25 | cockerels | @ | 30 | 750 |
| | | | | | 45,750 |

3. EQUIPMENT.

| | | | | | |
|---|---|---|---|---|---|
| a) feeders | 80 | | x | 250 | 20,000 |
| b) drinkers | 40 | | x | 300 | 12,000 |
| c) medication/minerals/vitamins | | | | | 25,000 |
| | | | | | 57,000 |

TOTAL..... 737,250