

UNITED NATIONS INDUSTRIAL DEVELOPMENT ORGANIZATION

Project
in the
Republic of Tanzania

JOB DESCRIPTION

POST TITLE: Adviser on Small-scale Blacksmithing

DURATION: One year with possibility of extension

DATE REQUIRED: January 1979

DUTY STATION: Dar-es-Salaam, with extensive travel in up-country Tanzania

PURPOSE OF
THE PROJECT:

To assist and advise existing groups of local blacksmiths scattered throughout the country on how to improve the quality of their workmanship and increase their production of agricultural hand tools.

DUTIES:

To supervise the dissemination of modern hand tools through such schemes as hire purchase or subsidized prices to groups of rural blacksmiths.

To assist rural blacksmiths to improve the quantity of their products by introducing them to newer techniques of production.

To advise rural blacksmiths on how to increase their productivity while maintaining their use of hand tools and labor intensive technologies.

To improve and consolidate the existing supply lines of raw materials to rural blacksmiths; organizing regional collection points for metal scraps such as auto and truck leaf springs; organizing bulk purchases of metal blanks from Ubungo Farm Implements for chapping by blacksmiths etc.

To train a host national counterpart in skills to be used in providing correct extension advice to rural blacksmiths.

To collect the information as specified in the project document from each blacksmithing group.

QUALIFICATIONS:

Extensive experience in all types of blacksmithing operations, tools and processes. Particular emphasis is being placed on the production of simple agricultural tools (axes, hoes, adzes knives etc) in this project so direct experience with these lines of production would be highly desirable.

LANGUAGE:

English, Swahili an asset

BACKGROUND:

As a result of free importation of agricultural implements during the colonial period in Tanzania the position of the rural blacksmith who until that time produced all hand tools, became extremely tenuous. Faced with a superior product with which he could not compete, many of the blacksmiths gave up their profession or changed their line of production.

Today the Government of Tanzania is recognizing that those blacksmiths who remain active are potentially a great source of production for rural farm implements.

The aim of this project is to revitalize the rural blacksmithing groups in order to

- a) increase rural employment,
- b) develop skills in rural areas,
- c) increase the decentralization of the manufacture of agricultural tools,
- d) increase rural productivity.

The expert will work out of the Headquarters of SIDO in Dar-es-Salaam and will advise the Government on correct extension to be given to rural blacksmiths to achieve the above objectives.

Project Budget Covering UNIDO Contribution (in USDollar)

Country: Tanzania

Project No.: UF/URT/77/003

Project Title: Consolidation of the Village Production of Agricultural Implements by Local Blacksmiths

| | | | 1979 | | | | | | | |
|-------|-------------------|---------|-------------|--------|-------------|--------|-------------|--------|-------------|--------|
| Total | | | 1st Quarter | | 2nd Quarter | | 3rd Quarter | | 4th Quarter | |
| mm | | US\$ | mm | US\$ | mm | US\$ | mm | US\$ | mm | US\$ |
| 10 | Project Personnel | | | | | | | | | |
| 11 | Experts | | | | | | | | | |
| 11.01 | Blacksmith | 12 | 3 | 14,400 | 3 | 14,400 | 3 | 14,400 | 3 | 14,400 |
| | Consultant | 2 | | | 2 | 13,000 | | | | |
| 11.99 | Sub-Total | 14 | 3 | 14,400 | 5 | 27,400 | 3 | 14,400 | 3 | 14,400 |
| 15 | Travel | 1,800 | | 450 | | 450 | | 450 | | 450 |
| 16 | Review Mission | 2,000 | | | | | | | | 2,000 |
| 20 | Subcontracting | 20,000 | | | | 10,000 | | 10,000 | | |
| 30 | Fellowships | 3 4,200 | | | | | | | 3 | 4,200 |
| 49 | Equipment | 28,000 | | 8,000 | | 10,000 | | 10,000 | | |
| 50 | Miscellaneous | 1,000 | | | | | | | | 1,000 |
| | | 127,600 | | 22,850 | | 47,850 | | 34,850 | | 22,050 |

Total 145,008
from Mr. Gerwinat
on 23.5.80

Project Budget Covering Tanzanian Contribution (in Tanzanian Shillings)

Country: Tanzania
 Project No.: UF/URT/77/003
 Project Title: Consolidation of the Village Production of Agricultural Implements by Local Blacksmiths

1979

| | | Total | | 1st Quarter | | 2nd Quarter | | 3rd Quarter | | 4th Quarter | |
|-------|---|-------|--------|-------------|--------|-------------|--------|-------------|--------|-------------|--------|
| | | mm | US\$ | mm | US\$ | mm | US\$ | mm | US\$ | mm | US\$ |
| 10 | Project Personnel | | | | | | | | | | |
| 11 | Counterparts | | | | | | | | | | |
| 11.01 | Technical Officer | 12 | 25,200 | 3 | 6,300 | 3 | 6,300 | 3 | 6,300 | 3 | 6,300 |
| 11.02 | Economist | 12 | 25,200 | 3 | 6,300 | 3 | 6,300 | 3 | 6,300 | 3 | 6,300 |
| 11.99 | Sub-Total | | | | | | | | | | |
| 15 | Travel, i.e. petrol and maintenance of vehicles | | 30,000 | | 7,500 | | 7,500 | | 7,500 | | 7,500 |
| | Total | | 80,400 | | 20,100 | | 20,100 | | 20,100 | | 20,100 |

N.B. The Tanzanian Government has made a commitment for a total of 160,000 TanShs covering their participation in the above project for a period of two years.

Project Budget Covering Tanzanian Contribution (in Tanzanian Shillings)

Country: Tanzania
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| | | Total | | 1st Quarter | | 2nd Quarter | | 3rd Quarter | | 4th Quarter | |
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