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OCCASION

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22662

THE UNITED REPUBLIC OF TANZANIA

**PRODUCT AND MARKETING DEVELOPMENT
FOR SISAL AND HENEQUENE**

**PROJECT: RENOVATION OF MERISTEMATIC TISSUE
CULTURE LABORATORY AND GREEN HOUSE AT
ARI MLINGANO - TANGA - TANZANIA**

FINANCE: FAO PROJECT NO. FC/RAF/96/001/11-54

**CLIENT: NATIONAL SISAL RESEARCH PROGRAMME
P.O. BOX 5085
TANGA
TANZANIA**

CONSULTANT: CFC/UNIDO


FINAL REPORT


**PREPARED BY: MASEIFIC COMPANY LIMITED
P.O. BOX 5379
TANGA
TANZANIA**

MASEIFIC COMPANY LTD.

Tanga Branch - P.O. BOX 5379 - TANGA

FAX & TEL. 051 - 618102

TEL. 181147-8 
MOBILE NO. 0811-334-236

P.O. Box 71938 
DAR ES SALAAM

Your Ref:
Our Ref: MCL/UN/DSM/7

Date: 11/06/1999

INVOICE NO. 003

Purchase and Contracts Section
General Service Branch
Field Operations and Administration Division
UNIDO
P.O. BOX 300
A- 1400 Vienna
Austria

Project No. XA/RAF/98/614

UNIDO contract No. 98/220
Tshs 4,316,253

- Purpose of Payment: * as appropriate
- * (Upon acceptance of Progress/Interim Report)
 - * (Upon acceptance of Draft final Report)
 - * (Upon acceptance of Final Report) ✓
 - * (Upon satisfactory completion of service)

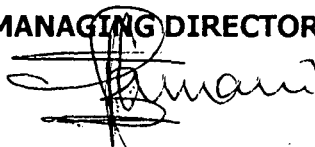
Please indicate the following:
(Bank) FULL NAME (NOT ABBREVIATION ONLY)
NATIONAL BANK OF COMMERCE (1997) LTD
KICHWELE BRANCH.

(Address) **Box 9044 – DAR ES SALAAM**
(ACCOUNT No: **65/53001491**
sort code No. for payment by electronic transfer:.....

Owner of the bank account is: (Institution/Organization – not a private person)

Please indicate authorized person(s) to administer funds
Under the above account:

BAKARI R.M. ATHUMAN – MANAGING DIRECTOR



Signature(s) of responsible official (s)

All correspondence should be addressed to Managing Director

THE UNITED REPUBLIC OF TANZANIA

**PRODUCT AND MARKETING DEVELOPMENTS FOR
SISAL AND HENEQUENE**

**RENOVATION OF MERISTEMATIC TISSUE CULTURE LABORATORY
AND GREEN HOUSE AT ARI MLINGANO – TANGA – TANZANIA**

INTERIM PAYMENT CERTIFICATE

(No. 3 Certificate)

Please find attached Invoice No. 003

Project No. XA/RAF/98/613

UNIDO CONTRACT NO. 98/220

Upon acceptance of Final report

URT SHS 4,316,253/=

DETAILS:

- | | | |
|----|--|------------------------|
| 1. | Contract sum | URT Shs 12,332,134/= |
| 2. | Payment due: | |
| | (a) Advance Mobilization upon signing contract | -URT Shs 2,466,420/= |
| | (b) Upon acceptance of progress report | -URT Shs 4,932,854/= |
| | © Upon acceptance of final report | -URT Shs 4,316,253/= ✓ |
| | (d) Retention | -URT shs 616,607/= |

PAYMENT NOW DUE

4,316,253/=

MASEFIC CO. LTD.
P. O. BOX 5379
TANGA

Signature of Contractor:

Signature of Supervisors:

- | | | | |
|----|---------------------------------|-------|---------|
| 1. | National Project Officer (NPO): | | 10/8/99 |
| | katani Ltd. | | |
| 2. | Sisal Coordinator (SC): | | |
| | ARI Mlingano | | |

PROJECT DATE:

Employer/Client: National Sisal Research Programme

Financier: FAO Project No. FC/RAF/96/001/11-54
CFC/UNIDO

Contractor: Maseific Company Limited

Contract Sum: URT Shillings 12,332,134/=

Certified Amount

(1)	After signing contract	-	URP Shs. 2,446,426/=
(2)	Upon acceptance of Progress Report	-	URP Shs. 4,932,854/=
	Total amount certified to date	-	URP Shs. 7,379,280/=
	Payment now due after accepting final report	-	URP Shs. 4,316,253
	Retention	-	URT Shs. 616,607/=

The contract was signed between Masefic Company Limited and UNIDO

The works involved in the contract are as summarised below

(1) **MTC LABORATORY**

- A: Block walling, work benches and floor finishing
- B: Windows and doors
- C: Roofing and Ceiling
- D: Plumbing and Drainage
- E: Fumigation
- F: Painting
- G: Electrical Installation

(2) **GREEN HOUSE**

- A: Reinforced columns
- B: Vertical wall extension
- C: Rescreeding floor
- D: Construction of concrete benches
- E: Roof work
- F: Frame for mosquito gauze

The above mentioned works are 100% completed

MTC LABORATORY AND GREENHOUSE- CERTIFICATE NO. 2

A BLOCK WALLING, BENCHES AND FLOOR FINISHING

ITEM	CONTRACTED WORK	WORK DONE	CONTRACT VALUE	VALUE OF WORK DONE
A.1	Demolition of 3m ² walls and removal of debris	3m ² walls were demolished and debris removed	105,000	105,000
A.2	Construct 50m ² block wall 150mm thick	75m ² of block wall 150mm thick has been constructed	175,000	262,500
A.3	Plaster 284m ³ of walls	284m ² of walls were plastered	37,772	37,772
A.4	Cement - Lime rendering of walls 284m ²	Cement - Lime rendering was applied to 284m ² of walls	284,000	284,000
A.5	Construct concrete work benches 22m ²	22m ² of concrete work benches were constructed	78,562	78,562
A.6	Provide 37m ² of smooth tiles on walls 1.5m high	37m ² of smooth tiles on walls 1.5m high were provided	370,000	370,000
A.7	Provide and fix ceramic tiles on floors 110m ²	110m ² of ceramic tiles were provided and fixed on floors	995,500	995,500
A.8	Provide and fix ceramic tiles on work benches 16m ²	16m ² of ceramic tiles were provided and fixed on work benches	144,800	144,800
A.9	Provide and fix formica 42m ² on shelves and doors	Formica on shelves and doors not fixed because the formica was peeling off	126,000	-
SUB-TOTAL			2,316,634	2,278,134

B WINDOWS AND DOORS

ITEM	CONTRACTED WORK	WORK DONE	CONTRACT VALUE	VALUE OF WORK DONE
B.1	Remove existing 10 windows, door frames, shutters and store as directed by client	10 windows, door frames and shutters have been removed and handed over to ARI Mlingano	100,000	100,000
B.2	Provide and fix 6 window frames with 4mm sliding glass panes size 3m x 1.2m	5 Aluminium window frames with sliding glass panes size 3m x 1.2m and one aluminium window frame with sliding glass panes size 2.4m x 1.2m have been provided and fixed.	600,000	584,000
B.3	Provide and fix 3 Aluminium window frames with 4mm sliding glass panes size 1.5m x 1.2m	6 Aluminium window frames with fixed glass panes size 1.33m x 0.78m and one of size 0.97m x 0.90m have been provided and fixed	60,000	78,860
B.4	Provide and fix 2 Aluminium window frames size 2m x 1.2m with sliding glass panes	2 Aluminium window frames with sliding glass panes size 2m x 1.2m were fixed in office area	60,000	60,000
B.5	Provide and fix one aluminium window frames with sliding glass panes size 0.5m x 0.6m	One aluminium window frame size 0.5m x 0.6m with fixed glass panes has been provided and fixed	15,000	15,000
B.6	Supply and fix 13 hardwood door frames	10 new hardwood door frames have been provided and fixed	300,000	230,770
B.7	Provide and fit one panel double door	One single panel door has been provided instead of a double door at main entrance	150,000	80,000
B.8	Provide and fix 10 flush doors with formica topping on all sides	8 New flush doors have been supplied and fixed but without formica topping because of buckling of the formica and instead 3 coats of oil paint have been applied	500,000	343,300
B.9	Supply and fix 3 pannel doors	2 pannel doors have been supplied and fixed	240,000	160,000
B.10	Supply and fix 6 hardwood window frames size 3m x 1.2m with 16mm diameter burglar bars		300,000	-
B.11	Supply and fix 2 hardwood window frame size 3.0m x 1.2m with burglar bars		60,000	-
B.12	Provide and fix hardwood window frames including 16mm burglar bars size of frame 1.5m x 1.2m		45,000	-
B.13	Provide and fix window frame size 0.6x0.5m with 16mm burglar bars		15,000	-
	Extra work done	7 old hardwood window frames with shutter have been moved and refixed	-	140,000
SUB-TOTAL			2,445,000	1,791,930

C ROOFING AND CEILING

ITEM	CONTRACTED WORK	WORK DONE	CONTRACT VALUE	VALUE OF WORK DONE
C.1	Remove all rotten corrugated Galvanized iron sheets and replace with sheets from Green house of 12m2	36m2 of G.I sheets have been removed and replaced with sheets from the greenhouse.	64,000	192,000
C.2	Provide and fix 8 of translucent sheets above the growth rooms	10 translucent sheets have been provided and fixed above the growth rooms.	144,000	180,000
C.3	Supply and apply 2 coats of roofing paint on 180m2	180m2 were applied with 2 coats of roofing paint	360,000	360,000
C.4	Remove all rotten chipboard	Rotten chipboards have been removed and carted away.	50,000	50,000
C.5	Replace rotten chipboard with 8mm chipboard outside corridor, verandah & office 42m2	All rotten chipboards have been replaced with new chipboards of size 2.4m x 1.2m amounting to 72 Square Metres	63,000	108,000
C.6	Replace 36 pieces of chipboard in Laboratory with 10mm thick Gypsum Board	36 pieces of Chipboard 8mm thick were replaced with 8mm thick hardboard	324,000	324,000
C.7	Provide and fix 4mm clear glass on timber frame in growth room amounting to 10m2	4mm clear glass on timber frame covering 10m2 has been provided and fitted in the growth rooms	135,000	135,000
SUB-TOTAL			1,140,000	1,349,000

D PLUMBING AND DRAINAGE

ITEM	CONTRACTED WORK	WORK DONE	CONTRACT VALUE	VALUE OF WORK DONE
D.1	Supply and fix one water closet Asian type complete with the cistern tank	One new WC Asian type complete with cistern tank has been supplied and fixed.	65,000	65,000
D.2	Supply and fix all pipings fittings and drain water distribution and drainage	Piping fittings and internal drains were undertaken	150,000	150,000
D.3	Construct a septic tank including sewage piping	One septic tank has been constructed and sewage piping has been supplied and fitted	200,000	200,000
D.4	Construct a soakway pit including piping	Two soakway pits including piping have been constructed.	100,000	100,000
D.5	Provide and fix handwash basin to toilet	One handwash basin to toilet has been supplied and fitted. In addition 3 other handwash basins have been fitted in the laboratory and washroom areas.	40,000	70,000
SUB-TOTAL			555,000	585,000

E FUMIGATION

ITEM	CONTRACTED WORK	WORK DONE	CONTRACT VALUE	VALUE OF WORK DONE
E.1	Allow fumigation to the whole building of 300m2	Fumigation to 300M2 of main building has been undertaken but not termite treatment because this was not contracted for.	100,000	100,000
SUB-TOTAL			100,000	100,000

F. PAINTING

ITEM	CONTRACTED WORK	WORK DONE	CONTRACT VALUE	VALUE OF WORK DONE
F.1	Supply materials and paint internal walls with oil paint	Paint for internal walls has been supplied and painting with white gloss paint carried out to allow washing of walls.	450,000	450,000
F.2	Supply and apply two coats of white emulsion paint to external walls.	White emulsion paint has been supplied and painted to external walls	350,000	350,000
F.3	Supply and apply oil paint to window burglar bars, galvanised pipes and provide external wall skirting	Oil paint has been supplied and applied to window burglar bars, galvanised pipes and external wall skirting undertaken.	300,000	300,000
	Extra work done	Painted 291m2 of ceiling boards with 3 coats of white emulsion paint @ Tsh.1,500	-	436,500
SUB-TOTAL			1,100,000	1,536,500

G ELECTRICAL

ITEM	CONTRACTED WORK	WORK DONE	CONTRACT VALUE	VALUE OF WORK DONE
G.1	Supply Material and install electrical wiring to the power supply	Electrical wiring to the whole building was undertaken.	75,000	75,000
G.2	Supply and install all electrical fittings.	All the electrical fittings have been supplied and fitted	150,000	150,000
	Extra work done	A three phase circuit breaker has been supplied and fixed.	-	120,000
SUB-TOTAL			225,000	345,000

GREEN HOUSE

ITEM	CONTRACTED WORK	WORK DONE	CONTRACT VALUE	VALUE OF WORK DONE
1	Supply chemicals and fumigate 167m2 of greenhouse	Chemicals for fumigation of the greenhouse and fumigation of 167m2 of the building has been undertaken.	100,000	100,000
2	Construct 10 reinforced concrete columns 25cm x 25cm x 2.5m to replace rotten timber supports	10 reinforced concrete columns size 25cm x 25cm x 2.5m have been constructed to replace rotten timber supports.	200,000	200,000
3	Manufacture and fix 10 hardwood timber frames size 3m x 2m with mosquito gauze cover.	10 hardwood timber frames with mosquito gauze cover size 3m x 2m have been supplied and fitted. The weld mesh has been painted with red oxide on 60m2	60,000	60,000
4	Manufacture and fix 4 hardwood frames of size 2.9m x 2m for gable with mosquito gauze	4 hardwood frames of size 2.9m x 2m with mosquito gauze for gable have been made and fixed.	150,000	150,000
5	Manufacture 4 hardwood frames of size 2.9m x 1.8m triangular in shape for gables.	4 hardwood frames triangular in shape and of size 2.9m x 1.8m have been manufactured and fitted.	80,000	80,000
6	Supply and fix one double leaf timber door with frame size 2.45m x 2m.	One double leaf timber door with frame size 2.45m x 2.00m has been supplied and fitted.	70,000	70,000
7	Remove old floor and cast new floor screed 167m2	167m2 has been removed and a new floor screed cast and smooth finish provided.	417,500	417,500
8	Construct 20m2 of vertical extension wall.	20m2 wall was constructed, plastered and white washed.	120,000	180,000
9	Construct 4 concrete benches size 1.5m x 10.7m x 0.9m	4 Concrete benches @ 1.5m x 10.7m x 0.9m have been constructed.	240,000	240,000
10	Provide and fix 64m2 frames for plastic cover over benches	Metal frames of 64m2 for plastic covers over benches have been provided, fixed and painted with red oxide paint	320,000	320,000
11	Provide gravel under benches and drainage to outside	Gravel under benches and drainage to outside has been provided.	25,000	25,000
12	Remove existing GI sheets and replace all rotten timber	All corrugated iron sheets have been removed and rotten timbers replaced.	100,000	100,000
13	Provide and fix 136 pieces of 2m length translucent sheets.	136 translucent sheets of 2.5m length have been provided and fixed.	2,448,000	2,968,064
14	Provide material and install 4 Mist watering system on the 4 benches.	Pressure pipes were provided and installed on the 4 work benches and mist spray will be provided when specifications are given.	120,000	120,000
SUB-TOTAL			4,450,500	5,030,564

GRAND TOTAL

12,332,134 13,016,128

THE FOLLOWING ARE SOME OF PHOTOGRAPHS TO SOME AREA OF RENOVATION.

PLATE 1:

THE FRONT VIEW OF MTC LAB.
AT ARI MLINGANO.

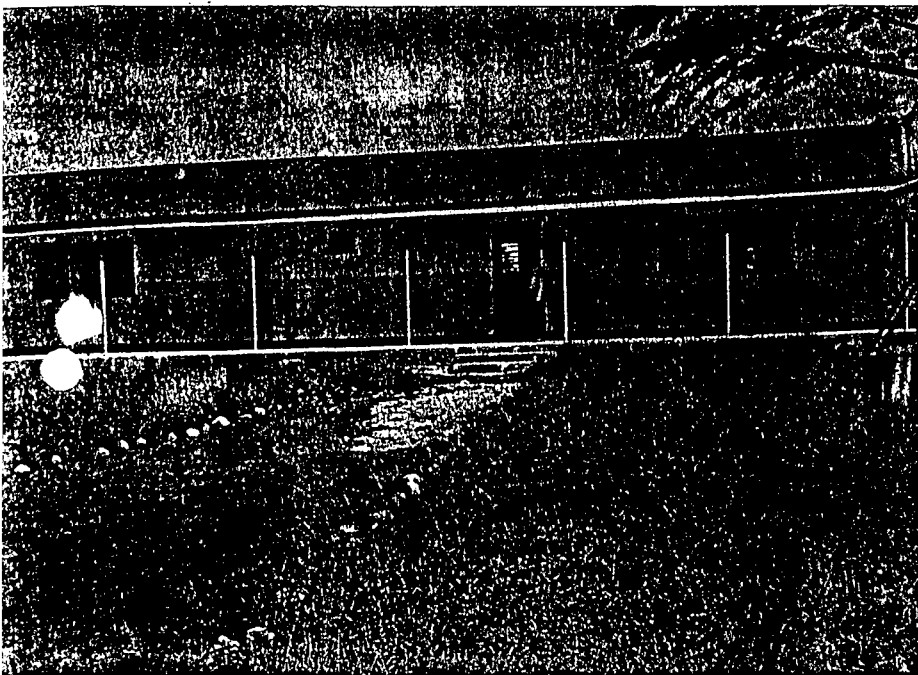


PLATE 2:

THE VIEW OF GREEN HOUSE AT ARI MLINGANO

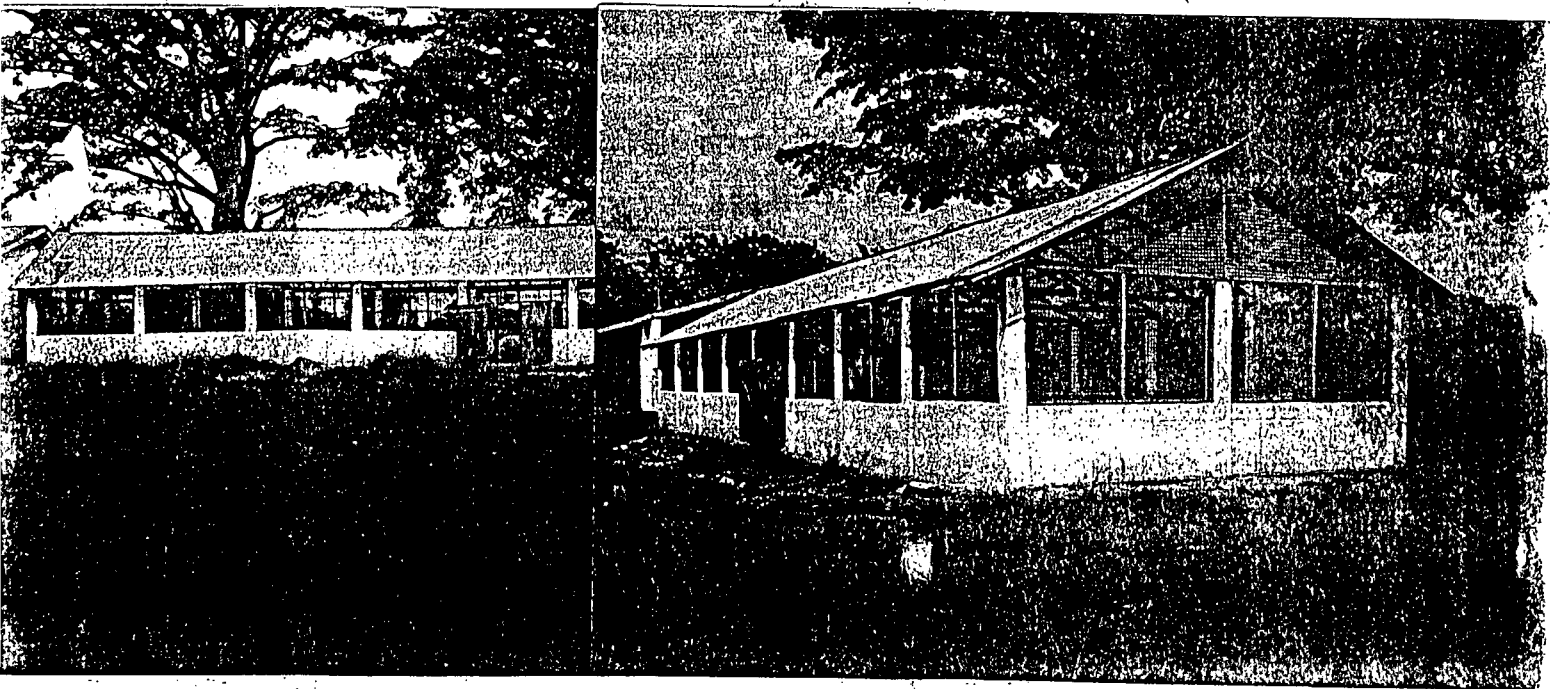


PLATE 3:

FLOOR TILES AND WORK BENCHES:

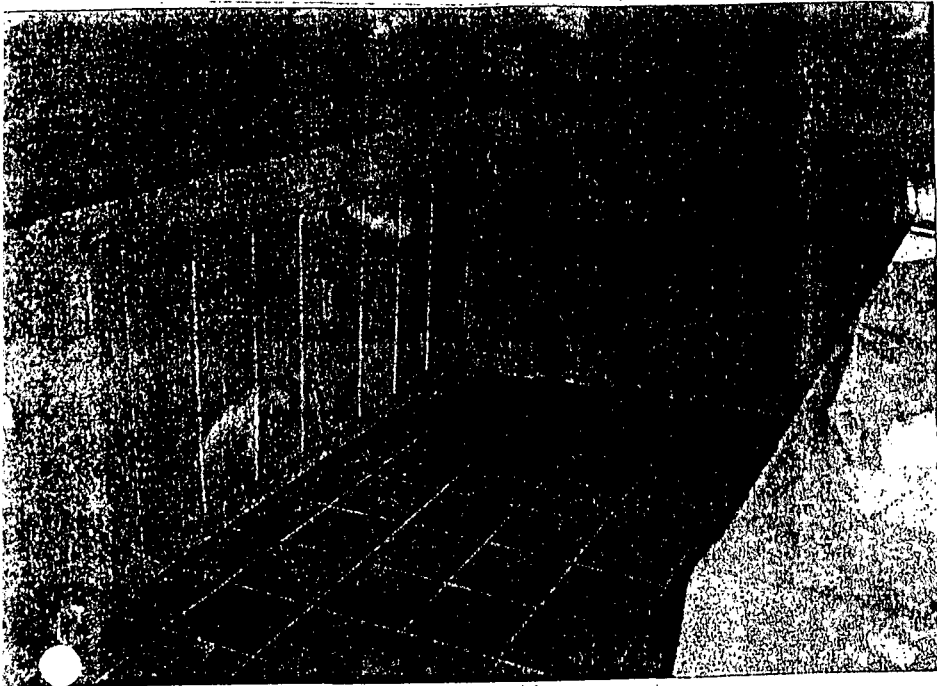


PLATE 4:

**THE ALUMINIUM WINDOWS
PROVIDED AND FIXED.**

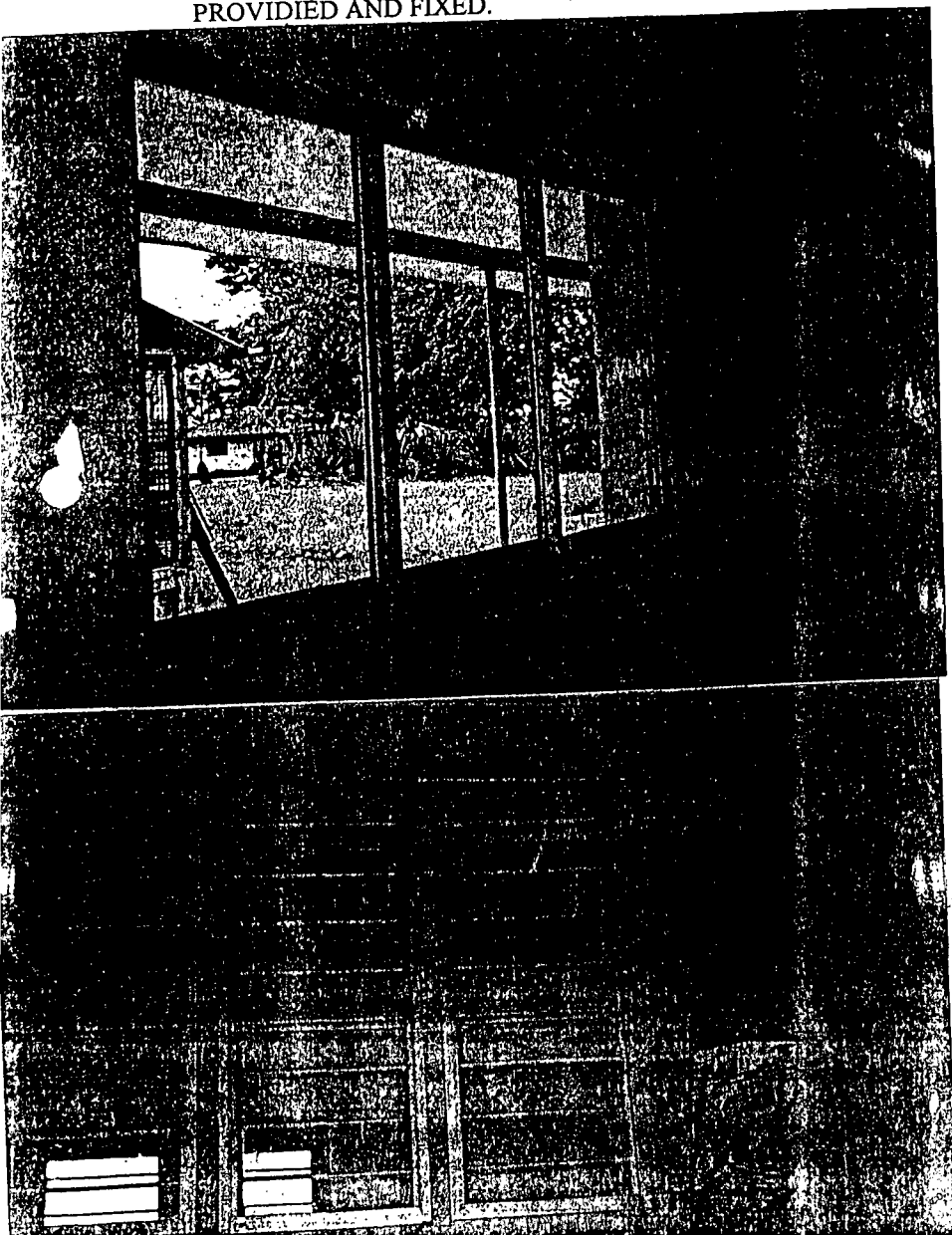


PLATE 5.

THE WALLS ARE PAINTED AND
THE DOORS TO THE OFFICES PAINTED



PLATE : 7

THE FUMGATION TO THE MTC LAB.
AND GREEN HOUSE TAKING PLACE.



PLATE 8:

CONCRETE BENCHES TO GREE HOUSE, GRAVEL UNDER
BENCHES AND METAL FRAME FOR PLASTIC COVER.

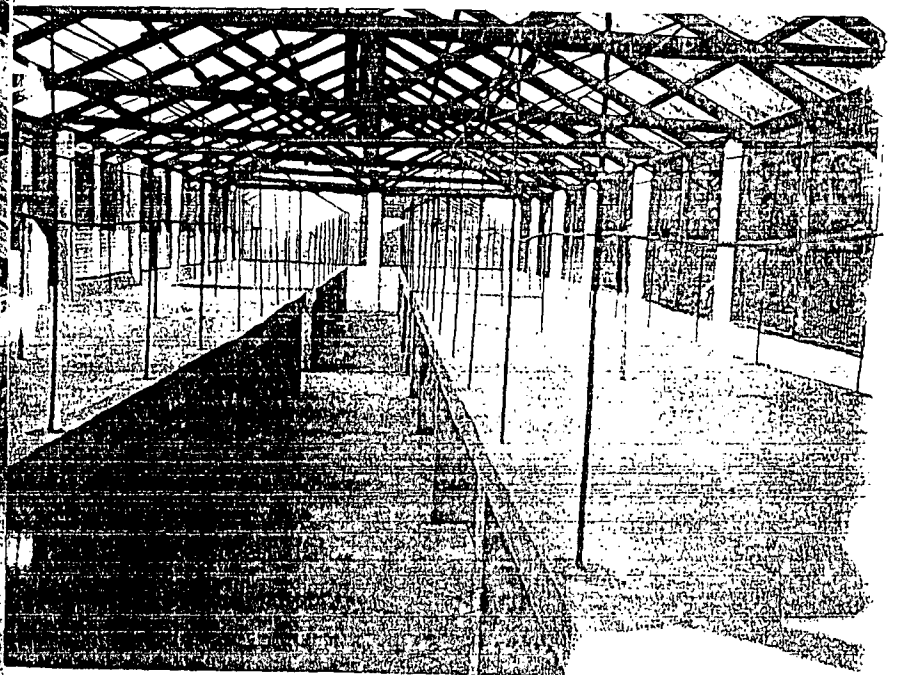
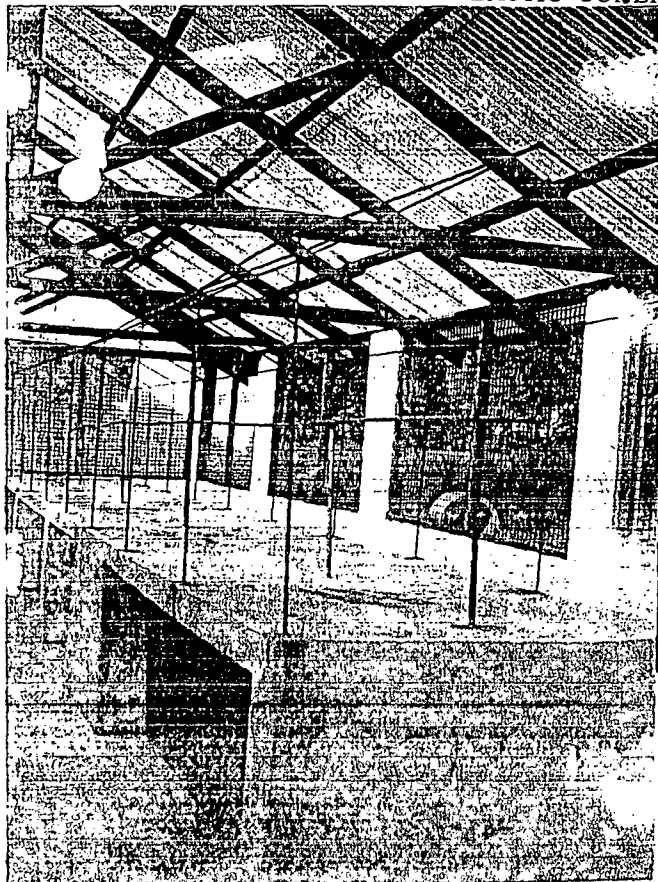


PLATE 9:

NATIONAL PROJECT OFFICER (NPO), ARI-MLINGANO DIRECTOR, SISAL
CORDINATOR AND MASEFIC CO LTD - DIRECTOR SHARING IDEA
AFTER SITE INSPECTION AT THE SITE.



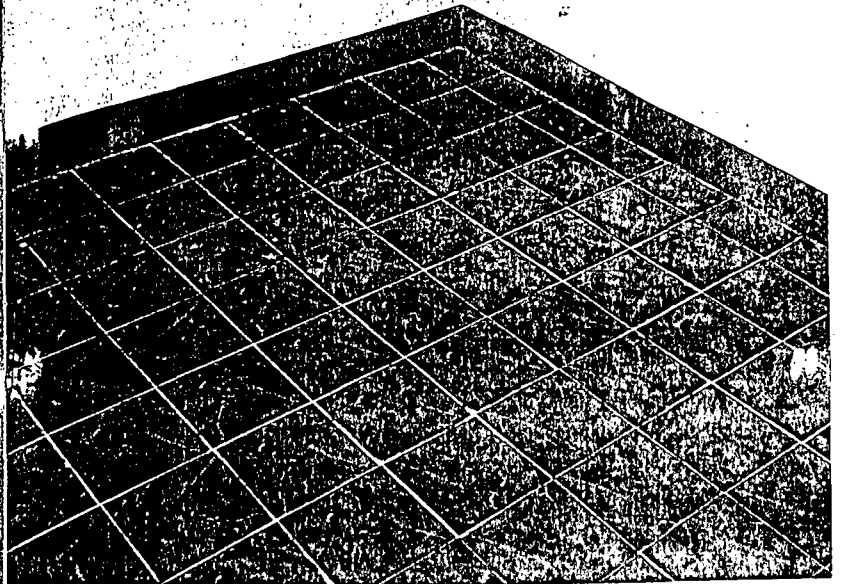
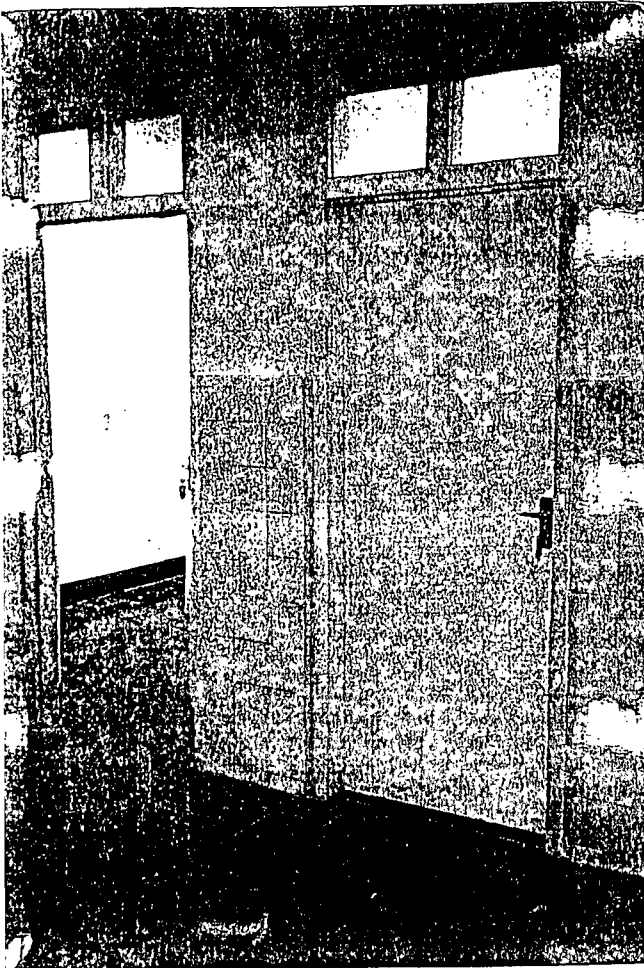
PLATE 10:

EXTERNAL PAINT, HARDWOOD
WINDOW AND AIR CONDITION



PLATE: 11.

FLOOR TILES TO GROWTH ROOM,
AIR CABINET, LAB. AND WASHING ROOM.





UNITED NATIONS INDUSTRIAL
DEVELOPMENT ORGANIZATION
P.O. Box 300
A-1400 Vienna, Austria

PLEASE DELIVER IMMEDIATELY TO ADDRESSEE

TO:
MASEIFIC COMPANY
TANGA/TANZANIA
ATT.: MR. B. ATHUMAN
MANAGING DIRECTOR
FACSIMILE NO.: 00 255 51 184827

CC: MR. FRANCIS NKUBA
NATIONAL PROJECT OFFICER

FACSIMILE TRANSMISSION

IN CASE OF INCOMPLETE TRANSMISSION, PLEASE CALL THE
CONTACT PERSON BY PHONE OR BY FAX LISTED BELOW

Drafted by: V. Koloskov	Authorized by: Mr. V. Koloskov
Telephone/Extension: 43-1-26026/3418or4836	Facsimile No. 43-1-26026-6815/6
Our ref.: Contract No. 98/220/IR	Your reference
Date: 4 August 1999	Account to be charged
Transmission No.	This page no. 1 of 2

Subject: UNIDO Project XA/RAF/98/613 - "Product and Market Development for Sisal and Henequen"- UNIDO Contract No. 98/220 - Amendment No. 1

Dear Mr. Athuman,

Supplemental to the UNIDO Contract No. 98/220 between UNIDO and MASEIFIC CO., TANZANIA, please find below Amendment No. 1 to the Contract:

1. Subject of Amendment

- 1.01 The subject of this Amendment is the installation of 4 units of window air conditioners as per Contractor's proposal of 16 March 1999.

2. Price and Terms of Payment

2.01 Amendment Price

UNIDO shall pay the Contractor for the additional services Tanzanian Shillings five hundred thousand (URT SH 500,000).

2.02 Payment

Payment on account of the Amendment price set forth in paragraph 2.01 shall be made after receipt of the act of acceptance of the installation of 4 units of window air conditioners signed by the authorized UNIDO representative and the Contractor and after receipt of the original invoice (sent by mail).

FAX TO MASEIFIC/TANZANIA - 4 AUGUST 1999

- 2 -

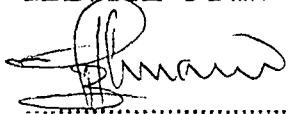
This Amendment shall be deemed to be effective from the date of its confirmation by the Contractor.

All terms and conditions of the Contract not specifically changed by this Amendment shall remain valid and in effect and shall apply hereto.

**MASEIFIC COMPANY
MANAGING DIRECTOR**

**NATIONAL PROJECT
OFFICER**

**UNIDO - FOA/FPC/GSS
CONTRACTS OFFICER**



B. R. M. Athuman

Date

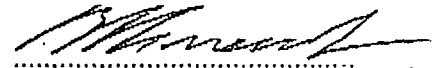
20th/8/99



Francis Nkuba

Date

19/8/99



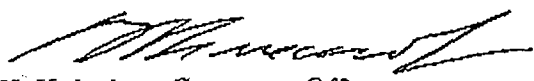
V. Koloskov

Date

4/8

Your confirmation of this Contract Amendment by return fax is appreciated

Sincerely,



V. Koloskov, Contracts Officer
General Services Section
Financial Performance Control Branch
Field Operations and Administration Division

cc: Ms. Viegas-Assumpcao