Ef ríkisstjórn Íslands fellst á tillögu þessa mun staðfesting á því í svari sendiráðsins stofna til samkomulags um breytingu á viðbætinum við loftflutningasamninginn eins og að framan greinir.

Utanríkisráðuneytið,
Washington, 17. ágúst 1978.

b. Svar sendiráðs Íslands til bandaríska utanríkisráðuneytisins.

Sendiráð Íslands vísar til orðsendingar utanríkisráðuneytisins frá 17. ágúst 1978 sem hljóðar þannig:

[Sjá orðsendingu]

Ríkisstjórn Íslands samþykkir þessa breytingu og mun líta svo á að orðsending utanríkisráðuneytisins og þessi svarorðsending stofni til samkomulags um breytingu á viðbætinum við loftflutningasamninginn eins og að framan greinir.

Washington, D.C., 17. ágúst 1978.

If this proposal is acceptable to the Government of Iceland, the Embassy's affirmative reply to that effect will constitute an Agreement amending the Annex to the Air Transport Agreement as outlined above.

Department of State,
Washington, August 17, 1978.

b. Reply from the Embassy of Iceland to the Department of State.

The Embassy of Iceland refers to the Department's Note of 17 August 1978, which reads as follows:

[See Note]

The Government of Iceland concurs with this amendment and will consider that the Department's Note and this reply will constitute an agreement amending the Annex to the Air Transport Agreement as outlined above.

Washington, D.C., 17 August 1978.

31. október 1978. Nr. 11.

AUGLÝSING

um samkomulag milli ríkisstjórna Norðurlanda og ríkisstjórnar Tanzaníu um aðstoð við Uyole-landbúnaðarstöðina í Mbeya.

Hinn 16. október 1978 var gert í Dar es Salaam samkomulag milli ríkisstjórna Danmerkur, Finnlands, Íslands, Noregs og Svíþjóðar og ríkisstjórnar Tanzaníu um aðstoð við Uyole-landbúnaðarstöðina í Mbeya.

Samkomulagið tók gildi sama dag, sbr. nánar IX. grein.

Samkomulagið ásamt þremur viðaukum er birt sem fylgiskjal með auglýsingu þessari.

Þetta er hér með gert almenningi kunnugt.

Utanríkisráðuneytið, Reykjavík, 31. október 1978.

Benedikt Gröndal.

Henrik Sv. Björnsson.

Fylgiskjal.

AGREEMENT

between the Governments of Denmark, Finland, Iceland, Norway and Sweden and the United Republic of Tanzania on assistance to the Uyole Agricultural Centre — Mbeya.

The Governments of Denmark, Finland, Iceland, Norway and Sweden (hereinafter called "The Nordic Governments") and the Government of the United Republic of Tanzania (hereinafter called "The Tanzanian Government") desiring to strengthen the cordial relations between the Nordic countries and Tanzania and to further the economic and social development of Tanzania have agreed on the implementation of an assistance project with the objective to consolidate the activities of the Uyole Agricultural Centre, which has been established by the Tanzanian Government with support of the Nordic Governments.

Article I
The Project

1. The Tanzanian Government shall carry out, and the Nordic Governments shall support, a project (hereinafter called "the Project") the purpose of which shall be to consolidate the activities of the Uyole Agricultural Centre — Mbeya.
2. The Project shall comprise the following main activities as specified in Annex A, Plan of operation:
   (a) personnel services,
   (b) financial assistance for staff training programmes,
   (c) financial assistance for institutional collaboration,
   (d) financial assistance for replacement of worn out vehicles, tractors, agricultural machinery and equipment, including the establishment of a pool for spare parts and tools for maintenance,
   (e) financial assistance for building construction, other permanent improvements and procurements, including a continued programme for the consolidation of the sub-station activities.

Article II
Competent Authorities

In matters related to the implementations of this Agreement the Ministry of Agriculture of Tanzania and the Board for Nordic Development Projects shall be competent to represent the parties hereto. The Competent Authorities shall delegate matters of current administration to the Uyole Agricultural Centre and to the Ministry for Foreign Affairs of Finland.

Article III
Plan of Operation

1. The parties hereto agree on a Plan of Operation as set forth in Annex A to this Agreement for the purpose of defining the Project with respect to:
   (a) objectives and scope of activities (Chapter a.)
   (b) total resource requirements and estimated costs (Chapter b.)
   (c) the administrative system and procedure (Chapter c. and d.)
2. The Plan of Operation shall be supplemented by annual Plans of Work and Budgets for each financial year covered by this Agreement. Such Plans of Work and Budgets shall be submitted by the Tanzanian Government to the

Nordic Governments not later than eight months before the beginning of the relevant fiscal year of the Tanzanian Government. The phasing of the annual allocations may be modified by the mentioned annual Plans of Work and Budgets as required.

3. Amendments to the Annexes A, B and C may be agreed upon by the Competent Authorities, insofar as the overall financial requirements laid down in the Plan of Operation are not substantially exceeded. Such amendments shall be made in writing.

Article IV

Obligations of the Nordic Governments

The obligations of the Nordic Governments shall be as follows:

1. Make available a grant not exceeding Tanzanian Shillings 15.735.000 at the rate of exchange on the signing date of this Agreement towards the estimated costs of the Building and Equipment Programme as set forth in the Plan of Operation, Annex 'A', Chapter b.
2. Make available the services of competent expatriate staff in such numbers and with such functions as set forth in the Plan of Operation, Chapter a.18. The status of the staff and the obligations of the Parties hereto towards such staff shall be stated in Annex 'B' to this Agreement.
3. Make available a grant not exceeding Tanzanian Shillings 2.265.000 at the rate of exchange on the signing date of this Agreement towards the costs of training and institutional colloboration referred to in Chapter a. 13 of the Plan of Operation and make available the services of Government agencies to the extent to be agreed upon.
4. Carry the costs of the evaluation of the Project in accordance with the Plan of Operation.
5. Undertake procurement of such equipment and materials as may be requested by the Tanzanian Competent Authorities during the implementation of the Project.

Article V

Obligations of the Tanzanian Government

The obligations of the Tanzanian Government shall be as follows:

1. Cause the Project to be implemented with due diligence and efficiency.
2. Carry the recurrent costs of the Uyole Agricultural Centre excluding the salaries of expatriate staff provided by the Nordic Governments in accordance with Article IV, paragraph 2, and the costs of training and institutional collaboration in accordance with Article IV, paragraph 3.
3. Carry all other costs such as capital costs not carried by the Nordic Governments in accordance with Article IV, which may arise in the implementation of the Project.
4. Exempt all goods financed by the Nordic Governments and purchased for the Project from customs duties, sales tax and similar charges.
5. Furnish the Nordic Governments with financial statements and reports as specifically stipulated in the Plan of Operation, Chapter d., job description for the Project Coordinator as well as such other information and evidence as the Nordic Governments may reasonably request.
6. Take particular measures to secure the continued services for the Centre of the Tanzanian staff members, whose experience and skills have been developed during the establishment phase of the Centre and/or who are selected for further studies under the Training Programme of the Project, as specified in the Plan of Operation, Chapter a, 13.

Article VI
Ownership

All goods purchased for the Project shall immediately become and remain the property of the Tanzanian Government.

Article VII
Evaluation and Follow-up

The Project shall be evaluated by the Competent Authorities through the Consultative Committee to be set up as specified in the Plan of Operation.

Article VIII
Payment of Financial Contributions

The payments of financial contributions shall be effected as stipulated in Annex 'C'.

Article IX
Entry into Force and Termination

1. This Agreement shall enter into force provisionally on the date of its signature and definitely after the fulfilment of such constitutional requirements as may be necessary in the countries, whose Governments are parties to this Agreement. Notification of the fulfilment or non-fulfilment of such requirements shall be given through diplomatic channels to all other governments parties to this Agreement.

   The Agreement shall remain valid until the 30th June, 1981.
2. This Agreement may be terminated by any Party by a written notice and shall cease to be valid at the expiry of the financial year ending next to three months after the serving of such notice. Such notice shall, however, not be served until consultations to that effect have taken place between the Competent Authorities.
3. Upon entry into force of this Agreement, the Agreement between the Parties hereto on the Status of the Nordic staff members serving at the Uyole Agricultural Centre, concluded through the exchange of letters on 30th March 1977, shall be replaced by this Agreement. The Nordic staff working in Tanzania under that Agreement by the time of entry into force of this Agreement shall take up such duties, if any, as stipulated in the Plan of Operation.

In witness whereof the undersigned, being duly authorized by the respective Governments, have signed this Agreement.

Done in six originals in the English language in Dar es Salaam on this 16th day of October, 1978.

E. A. Mulokzi
For the Government of Tanzania

R. Müller
For the Governments of Denmark, Finland, Iceland and Sweden

ANNEX A

to the Agreement between the Nordic Governments and the Government of Tanzania on Assistance to the Uyole Agricultural Centre.

THE PLAN OF OPERATION

The following Plan of Operation applies to the Assistance Project to the Uyole Agricultural Centre as provided for in Article III of the Agreement.

(a) *Objectives and scope of activities*

The general objective of the Project is to consolidate the activities, which were started during the establishment phase of the Centre in 1972—76. In more particular the Project should be directed by the following main specific objectives and policies:

— Continuity in the service of all qualified staff members of the Centre is a fundamental precondition for the consolidation of its activities. Staff transfers shall therefore be made only when absolutely necessary and staff members, who are selected for further academic training under the Project, shall return to serve the Centre for a minimum period after the completion of the training course.

— Strict financial management is another precondition for the consolidation of the activities. Special efforts shall be made to develop and to maintain good standards of accountancy, budgeting and financial control. While increase in the recurrent expenditure of the Centre shall be kept to an absolute minimum provisions shall also be made for annual depreciations of farm machinery and motor vehicles with an aim of generating funds for their required gradual replacement.

— The research and development services of the Centre shall first of all be oriented towards meeting basic needs of a majority of the population of the regions. Special emphasis shall therefore be put on activities aimed at identifying constraints to improved agricultural production and economy on village level and on activities aimed at sustained improvements in production, economy and environmental conditions.

— Government is providing ample personnel resources to organise and carry out agricultural advisory and extension services intended to benefit the villagers. The Project aims at strengthening the capacity of the Centre to support the activities of the field staff to equip them with relevant information, advice, extension aids and material, thus to facilitate the fullest possible use of available personnel resources.

— The Project aims at assisting the Centre to maintain high standards in the documentation of its research, surveys and experimental activities to facilitate continuity and to strengthen the base for future work.

— The large scale farming unit at Uyole serves the multiple purposes as an enterprise to generate income for the Centre, as a training ground for agricultural technicians and as an experimental and demonstration farm to guide national policies. It ranks among the first of its kind in the country. However, due to heavy wear during the 6—7 years of farm establishment its machinery is worn out and needs to be replaced. The Project aims at reequipping the farm with appropriate machinery, with spare parts and tools for maintenance to meet the requirements of a large scale multi-purpose farm of its kind. The Project also aims at assisting the Centre to organize its maintenance functions and to develop the required manpower capacity to that effect.

— The sub-stations of the Centre serve the same multiple purposes as the farm at Uyole, in a minor scale and as a complement to it. The Project objective is to equip the sub-stations to meet the requirements and to develop their farms to correspond to their production potential. Transport and communication between the stations and the main centre is an essential requirement to be provided under the Project.

— The Centre is making continuous efforts to apply and to demonstrate husbandry technologies by using implements manufactured by the Centre from locally available materials. The Project aims at assisting the Centre to continue the development and application of such alternative technologies and to demanstrate and advertise their feasiblity under different conditions.

— The implementation of the Project will involve the Centre management in duties and operations, which fall beyond its normal activities. Effective implementation of the Project requires strict coordination, broad experience and variety of skills, which cannot be made available by the Centre. The Centre will therefore be assisted by a Project Coordinator. This is considered necessary, because the other Nordic staff members included in the planned assistance should concentrate on their special fields of expertise for which they are particularly required to meet the objectives of the Project. Thus the Nordic personnel assistance will correspond to 11 man-years during 1978/79 and to 7 man-years during the years 1979/80 and 1980/81, respectively, totalling approximately 25 man-years during the project period. The personnel assistance is considered a crucial element of the consolidation phase and should therefore be provided during the entire period.

The Project shall include the following elements (Nos. 1—18), the specific objectives and scopes of which are described under each heading.

1. *Additional Classrooms*

The present classroom capacity of the Centre has proved to be insufficient to meet the training requirements. Three additional classrooms are needed. The classrooms shall be built in accordance with the drawings 021—101 and 121—201 prepared by Norconsult. The location of the new classroom block is indicated in the Site Plan of the Centre. The rough estimate of the building costs and installation is about Shs. 1.650 per m². The estimate for the Additional Classrooms is *Shs. 412.500* (250×1.650).

2. *Engineering Training Workshops and Facilities.*

2.1. *Fencing the Training Workshop Area*

For security reasons a solid wire fence shall be erected around the whole Training Workshop area. This fencing shall be combined with the existing fence of the General Workshop area. By moving some of the existing fences considerable savings can be achieved. At the same time the total lay-out of the workshop areas shall be re-organized. The sum estimated for Fencing is Shs. *75.000.*

2.2. *Workshop Equipment*

The Agro-Mechanic Department of the Training Institute is in charge of organizing expanded courses in Agricultural Engineering. For this purpose additional equipment and instruments are needed. Taking into consideration the very urgent needs of the Departments and the fact that some of the old tractors and implements of the Farm and the Research Institute can be used for training purposes, the following procurements are expected to be effected:

— two tractors MF 135 à Shs. 117.000	Shs.	234.000
— oil pressure gauge	—	400
— gas welding equipment	—	8.000
— electric motor	—	7.000
— battery charge unit ..	—	700
— mouldboard plough ..	—	13.400
— disc plough	—	11.000
— chisel plough	—	9.600
— tools, books etc.	—	5.900
TOTAL	Shs.	290.000

The sum thus calculated for Workshop Equipment is *Shs. 290.000* and the total estimate for the Training Workshops (Item 2.) is *Shs. 365.000.*

3. *Library Abstracts, Periodicals, Books*
It has been increasingly difficult for the library to obtain scientific abstracts, periodicals, books and other printed matter from abroad due to strict foreign currency regulations. There is therefore a need to provide some money for the library under this project. A detailed list of purchase and subscriptions shall be agreed upon in the Annual Work Plan. The sum estimated for the Library is Shs. *150.000.*

4. *Chemicals for the Research Laboratory*
To consolidate the activities of the newly established Research Laboratory it is necessary to provide the laboratory with a basic supply of chemicals. A detailed list of purchases shall be agreed upon in the Annual Plan of Work. The sum estimated for Chemicals is Shs. *150.000.*

5. *Transport for Extension Activities*
It is anticipated that the sub-station oriented research and extension activities will be strengthened to better cover the area of operation (247.081 km²). In order to carry out these activities reliable transportation is necessary. Two four wheel drive vehicles should be purchased. In order to strengthen the extension services and local trial and demonstration activities ten motorcycles should be purchased for the Assistant Field Officers and Village Advisors. It is understood that these vehicles shall be used in accordance æith the Centre's Vehicle Driving Ordinance System.
The sum estimated for Transport for Extension Activities is Shs. *320.000.*

6. *Threshing Shelter for Trials*
As the trials, the propagation and multiplication of varieties and the total cultivated area at the disposal for research work is approaching full scope, there is an increasing need for a shelter for the threshing of new varieties. With such a facility the reliability and exactness of the obtained results would be considerably increased. A 3-wall roofed threshing shelter with cement floor will be constructed in accordance with plans to be prepared by the Centre. The sum estimated for the Threshing Shelter is Shs. *100.000.*

7. *Printing and Publication Unit*
In the future the Centre should be able to produce its own scientific findings and results including relevant practical recommendations for extension personnel and farmers. Because textbooks are not always available the students of the Training Institute need copies of various leaflets, hand-outs, lecture outlines and other printed matter, the originals of which are mostly prepared by the teachers. It is necessary, therefore, to establish a printing and bublication unit for the Centre.
The sum estimated for the Printing Equipment is Shs. *60.000* and for Printing Material Shs. *60.000* totalling Shs. *120.000* for the Printing and Publication Unit.

8. *Audio-Visual Aids*
Effective dissemination of new findings and knowledge and effective feedback from the field to research and extension workers is a prerequisite for productive work. The Audio -Visual Unit therefore to be strengthened through acquisition of the audio-visual aids, such as:

— printing machine
— 16 mm film projector with accessories
— photo processing equipment
— two cameras with accessories
— copy paper for dry photo copier

— spare parts for above mentioned equipment
— bulbs, boxes of frames for slides

The sum estimated for Audio-Visual Aids is Shs. *40.000.*

9. *Staff Houses*
The Centre employs about 600 workers, for whom there are 150 houses at Uyole and another 50 houses at the six sub-stations. Thus, the Centre faces a very critical shortage of houses at present. Urgent measures are needed to provide more houses. Approximately 20 staff houses, grade C, shall be constructed. The houses shall be equivalent to the existing grade C houses on the site, and the drawings prepared by NORCONSULT A/S shall be used. The new houses shall be situated as indicated on the existing site Plan of the Centre. Roads, water supply, sewage and electricity shall be included in the tenders to be invited from locally available contractors. It is estimated that the costs per double housing unit will be about Shs. 100.000. Therefore, Shs. *2.000.000* is estimated for Staff Houses.

10. *Hatchery*
A hatchery has been established by the Centre and it became operational in April 1977. It is partly managed by the students as a Self Reliance Project. It will be working on full scale from October 1977. By that time it will produce about 450 chicks per week according to estimates. The hatchery is serving a dual purpose, namely (a) to produce day old chicks for sale to villagers in the vicinity as well as to produce eggs and poultry for the need of the Centre and (b) to offer practical training and instruction to the students of the Centre as well as to participants of various short term courses. In order to consolidte these activities the following investments should be made:

— construction of buildings for parent stock, including the installation of water and electricity as well as finishing of roofing,
— construction of a feed store and a small office,
— motor cycle,
— replacement parent stock,
— cardboard boxes for day old chicks,
— spare parts for setter and hatcher.

A total of Shs. *150.000,—* is estimated for the consolidation of the Hatchery Activities.

11. *Water Supply Improvement*
The present source for water to the Centre is the Hombo river and the authorized water offtake by the Centre only caters for the domestic needs and the requirements of the cattle herd. Very limited volumes of water are available for irrigation purposes. Irrigation facilities are urgently needed, particulary by the Horticulture and the other Crop Research Sections, the main activities of which are now restricted to the rainy season only. Considerable revenue could also be accrued by growing various horticultural crops under irrigation during the 7-month long dry period, whereby also available expertise and labour would be effectively employed.
The centre is considering various means for improvement of the present water supply situation. Some measures will require detailed surveys, feasibility studies and subsequent planning to identify and utilise additional sources. Other measures are aimed at reducing the present use for domestic purposes as well as recirculating domestic water for irrigation. Feasibility studies shall be carried out concerning the possible provision of additional water from the Kwanana, Gogo and Mwambalizi streams, as well as concerning the possibilities of utilising existing ground water resources on the site.
A total of Shs. *2.000.000* is estimated to be required for Water Supply Improvement. Of this amount Shs. 200.000 is allocated immediately for the necessary feasibility studies. An amount, not exceeding Shs. *1.800.000* shall be allocated and included in the Annual Budget, when the Competent Authorities are satisfied that detailed investment plans for permanent water supply improvement have been prepared.

12. *Storage Improvement*
To ensure that the harvested crops can be adequately stored, some additional storage facilities must be built for the farm. The plans can be prepared by the Centre taking into account the standards set by Kilimo. Additional storage facilities must also be provided for the Training Institute dormitories as well as for the staff houses. The designing of these can be made by the Centre as well.
The sum estimated for Storage Improvement is Shs. 400.000.

13. *Staff Training and Institutional Collaboration*
The Centre has now reached the stage, when the Nordic staff will be gradually withdrawn. The Scholarship Programme of the establishment phase of the Centre has not provided enough graduate and post-graduate training for the Tanzanian staff to enable them to take over all the departments and sections. Some of the Tanzanian staff should still reccive post-graduate training. The expenses of the following 10 graduate and post-graduate staff training programmes will be met:

in the field of Agro-Engincering
in the field of Agricultural Biology and Chemistry
in the field of Plant Breeding
in the field of Plant Pathology/Entomology
in the field of Horticulture (spec. Pomology)
in the field of Engineering (spec. Maintenance)
in the field of Home-Economics
in the field of Agro-Economics
in the field of Animal Production/Research

In addition short term staff training programmes in the fields of Maintenance, Accountancy, Laboratory Technology and Home-Economics shall be financed under the Project. Priority shall be given to training of staff for the Maintenance Department.
One of the 1977 graduates shall receive practically oriented training for one year in Dairy Husbandry. Money will also be set aside for the training of two more students in the same way, if the training proves successful.
The Centre shall prepare a long term plan for the further training of its own staff. Based on this plan the Annual Work Plan shall name the persons to be trained each year. The studies shall take place preferably in Tanzania. In case the studies are to be pursued outside Tanzania, due consideration will be given to training facilities elsewhere in Africa. In general, English speaking countries are to be preferred.
Provision shall be made for collaboration with corresponding institutions in other countries, both in Africa and in the Nordic countries. This shall take the form of visiting lectures and guest research workers for periods of 1 to 3 months on an exchange basis. Detailed plans for this collaboration shall be included in the Annual Plans of Work and Budgets.
The sum estimated for Staff Training and Institutional Collaboration is Shs. *2.265.000.*

14. *Vehicles, Machinery, Equipment, Spares Pool and Tools*
Due to the fact that the operational capacity of the whole Centre is highly dependent upon the Maintenance Department, the support to this department has been given top priority in this Project.
The routine of work within the department is well established. The various types of tractors and implements have been reduced from 54 to 28 as a measure of rationalization. The bottleneck of the Maintenance Department is the lack of spares and tools. The situation will be even more difficult in the near future when the Centre is to have only one central spares pool in this department for all vehicles and machinery the work of the Maintenance Department and the running of the Centre, the Maintenance Department shall, therefore, be provided with the following items:

— three four wheel drive vehicles, diesel	Shs.	300.000,—
— Grass Cutting Machine	—	25.000,—
— Band Sawing Machine	—	30.000,—
— Hand Tools	—	30.000,—
— two Tractors	—	300.000,—
— implements	—	150.000,—
— spare parts	—	2.340.000,—
— tools for the Metal Workshop	—	199.000,—
— tools for the Maintenance Workshop	—	96.000,—
TOTAL	Shs.	3.470.000,—

It is understood that the vehicles provided will be used in accordance with the Centre's Vehicle Driving Ordinance System.
The sum estimated for Vechicles, Machinery, Equipment, Spares pool and Tools is Shs. *3.470.000,—*.

15. *Sub-station Consolidation*
It has been decided that the research activities of the Centre shall be decentralized more to the sub-stations. It has also been decided that more attention shall be paid to the production activities of the sub-stations. The sub-stations are an important channel for the extension work of the Centre as well. To consolidate the activities of the sub-stations and to enable then to fulfil the aforesaid tasks the following measures will be taken:

— communication		
five radiocalls (Ndengo, Igeri, Ismani, Mitalula, Uyole) ea. Shs. 25.000,—	Shs.	125.000,—
— transport		
three four wheel-drive vehicles, pick-up diesel (Mbimba, Mitalula, co-ordinator), ea. shs. 100.000,—	—	300.000,—
lorry 7 tons, 4-wheel drive (Uyole)	—	500.000,—
— improvement of farm structure		
four dips (Igeri, Mbimba, Suluti, Ndengo) ea. 30.000,—	—	120.000,—
store for seed potatoes (Igeri)	—	100.0000,—
fencing 35 500 m (Mbimba, Suluti, Ndengo, Igeri, Ismani) ea. Shs. 16,—/m	—	568.000,—
two permanent silos (Igeri, Mbimba) ea. Shs. 50.000,—	—	100.000,—
boxes for seed potatoes storage (Igeri, Mbimba, Ndengo)	—	150.000,—
— planting forest 235 ha (Igeri, Ismani, Ndengo, Mitalula, Suluti, Mbimba) ea. Shs. 1.600,—/ha	—	376.000,—
— supplement of farm machinery		
tractor (Suluti)	—	150.000,—
tractor (Igeri)	—	80.000,—
tractor vineyard (Mbimba)	—	80.000,—
two tractor sprayers (Igeri, Mbimba)	—	50.000,—
tractormounted mist sprayer (Mbimba)	—	40.000,—
four hammer mills (Suluti, Ndengo, Igeri, Mbimba) ea. Shs. 35.000,—	—	148.000,—
machine for ensilage harvest (Igeri, Mbimba) ea. Shs. 50.000,—	—	100.000,—
three small grain planters (Igeri, Suluti, Ismani) ea. Shs. 30.000,—	—	90.000,—
two chisel ploughs (Ismani, Suluti) ea. Shs. 30.000,—	—	60.000,—
TOTAL	Shs.	3.129.000,—

The sum estimated for Sub-Station Consolidation is Shs. *3.129.000,—*.

16. *Farm Machinery Replacement and Improvement*
The Centre being a parastatal institution, heavy emphasis has recently been placed on its production and revenue collection. Effective production requires a rather high level of mechanization. At present the farm is fully equipped as far as machinery is concerned, but some of the machinery is already almost worn out and needs to be replaced. It is not possible to change the

present rather highly mechanized production system into a more labour intensive one in a short period of time without causing severe setbacks in production. The following replacement and improvements should be considered.

— four tractors ea. Shs. 170.000,—	Shs.	680.000,—
— two tractor mounted combine harvester ea. Shs. 150.000,—	—	300.000,—
— maize cob picker, tractor drawn	—	150.000,—
— seed drill	—	50.000,—
— maize planter	—	40.000,—
— two disc harrows ea. Shs. 50.000,—	—	100.000,—
— chisel plough	—	30.000,—
— two forage harvesting equipment ea. Shs. 50.000,—	—	100.000,—
— unspecified smaller tools and implements	—	200.000,—
— selected spare parts and transport costs for above mentioned equipment	—	200.000,—
TOTAL	Shs.	1.850.000,—

The sum estimated for Farm Machinery Replacement and Improvement is Shs. *1.850.000,—*.

17. *Other Activities*

The Project shall include an allocation for the implementation of other activities aimed at a consolidation of the Centre. Such activities may be financed under the Project, provided that they are included in the Annual Plans of Work and Budgets and that the Competent Authorities are satisfied that they serve the general objectives of the Project. So far the Centre has identified four items, namely (a) an improvement programme for the cattle unit, involving the establishment of feeding areas, water supply, a calf house and a milking place, (b) the provision of additional dairy plant equipment to facilitate the production of cheese, for which there are ample markets in the country, (c) to continue the tree planting programme and to extend it to the sub-stations for the establishment of wind-breaks, for production of fire-wood, for improvement of soil fertility and for protection against soil erosion and (d) to establish a Village Technology Workshop to meet the requirements of the Research Department for Agro-Engineering.

Approximately *Shs. 1.041.000,—* is left for Other Activities.

18. *Personnel Assistance*

The Nordic governments shall make available the services of competent expatriate staff to fill the following posts of the Centre during the Agreement period:

- Project Coordinator to co-ordinate the assistance project
- Finance and Administration Officer
- Maintenance Engineer
- Farm Manager
- Research Officer for Agro-Economics
- Research Officer for Documentation
- Senior Officer for Research Coordination

During the first year of the implementation of the Project an additional number of 4 expatriate staff members shall be assigned to the Project as provided for in the Annual Plan of Work.

The Expatriate staff nembers shall put emphasis on the training of their Tanzanian counterparts. The expatriate staff members when applicable, shall also advise on and supervise the post-graduate academic studies of Tanzanian staff members.

A total of appr. 25 man-eyars of personnel asssistance shall be provided. The estimated costs are approximately *9.673.000,— shs.*

The status of the expatriate staff is specifically defined in Annex B.

(b) Cost Estimates for the Assistance to the UYOLE AGRICULTURAL CENTRE

Project items	Request Total Shs.	Project Budget Total Shs.	Annual estimate 1978—79 Shs.	Annual estimate 1979—80 Shs.	Annual estimate 1980—81 Shs.
1. Additional classrooms	850.000,—	450.000,—	450.000,—	—	—
Facilities	365.000,—	365.000,—	165.000,—	100.000,—	100.000,—
2. Engineering Training Workshop & Facilities					
3. Library	—	150.000,—	50.000,—	50.000,—	50.000,—
4. Chemical Laboratory	—	150.000,—	150.000,—	—	—
5. Transport for extension activities	—	320.000,—	120.000,—	100.000,—	100.000,—
6. Threshing shelter/barn	—	100.000,—	100.000,—	—	—
7. Printing unit	—	120.000,—	80.000,—	20.000,—	20.000,—
8. Audio-Visual Aids	200.000,—	40.000,—	20.000,—	20.000,—	—
9. Staff Houses, Grade C	2.040.000,—	2.000.000,—	1.000.000,—	1.000.000,—	—
10. Hatchery	1.500.000,—	150.000,—	150.000,—	—	—
11. Water Supply Improvement	2.000.000,—	2.000.000,—	200.000,—	1.000.000,—	800.000,—
12. Storage Improvement	400.000,—	400.000,—	100.000,—	200.000,—	100.000,—
13. Staff Training and Institutional Collaboration	2.265.000,—	2.265.000,—	865.000,—	700.000,—	700.000,—
14. Vehicles, Machinery, Equipment, Spares and Tools	2.300.000,—	3.470.000,—	1.470.000,—	1.000.000,—	1.000.000,—
15. Sub-station Development	4.600.000,—	3.129.000,—	1.129.000,—	1.000.000,—	1.000.000,—
16. Farm Machinery Replacement	—	1.850.000,—	650.000,—	600.000,—	600.000,—
17. Other Activities	1.480.000,—	1.041.000,—	381.000,—	330.000,—	330.000,—
Sub-total	18.000.000,—	18.000.000,—	7.080.000,—	6.120.000,—	4.800.000,—
18. Personnel Assistance		9.673.000,—	4.473.000,—	2.600.000,—	2.600.000,—
19. Nordic Administration		2.082.000,—	682.000,—	700.000,—	700.000,—
TOTAL		29.755.000,—	12.235.000,—	9.420.000,—	8.100.000,—

(c) *Administrative Systems and Procedures*

1. *Personnel Assistance*
The administrative systems and procedures for the personnel assistance are set forth in Annex B of the Agreement.

2. *Payment of financial contributions*
The administrative systems concerning the payment of financial contributions by the Nordic countries are set forth in Annex C to the Agreement.

3. *Evaluation and Follow-up*
A consultative Committee shall be set up for the purpose of evaluation and follow-up of the Project. It shall plan and direct the evaluation of the Project and make such recommendations to the Ministry of Agriculture as warranted by the results of the evaluation.
The Consultative Committee shall meet at least once a year under the Chairmanship of the Principal Secretary of the Ministry of Agriculture. It shall have as members two additional representatives of that Ministry, one of which shall represent the Uyole Agricultural Centre, and two representatives of the Board for Nordic Development Projects.
The Committee may recommend the appointment of evaluators to assist in the evaluation of the Project.
The Chairman of the Committee may at his discretion invite officials of other Tanzanian public authorities, e.g. the Ministry of Finance and Planning, to attend the meetings.

(d) JOB SPECIFICATION
Title of post:
Project Coordinator
Duration:
3 years starting from 1st July 1978
Duty station:
Uyole
Duties:
To assist the Managing Director of the Uyole Agricultural Centre in the implementation of the Nordic-Tanzanian Project for support to the Centre.
The staff member will be responsible for the coordination of all activities under the Plan of Operation, and specifically, for the spuervision of the investment and procurement programmes involved and for the administration of the Nordic funds made available for such purposes. The staff member shall report monthly to the Managing Director on the implementation of the Project, whereby copies of the reports shall be submitted to the Nordic administration. The reports shall always include financial statements, which indicate the disbursements as at the end of the reporting period.
The staff member shall be a member of the Management Committee of the Centre and the assignment shall be regarded as a temporary support to the Office of the Managing Director, to whom the staff member reports directly.
The staff member may temporarily be required to undertake administrative and similar duties not strictly relevant to the specific assignment. The staff member is, when applicable, governed by the Civil Service Regulations of Tanzania.

ANNEX B

to the Agreement between the Nordic Governments and the Tanzanian Government on the Assistance to the Uyole Agricultural Centre, Mbeya.

The following provisions apply to the Staff referred to in Article IV, paragraph 2 of the Agreement. The provisions may be amended from time to time by the Competent Authorities as stipulated in Article III, paragraph 3.

1. *Status and Recruitment of Nordic Staff*
The Nordic Staff mentioned in the Plan of Operation forming Annex 'A' of the Agreement may hold executive or advisory positions in the service of the Tanzanian Government. Subject to the provisions of the Agree-

ment, the Plan of Operation and their contracts of employment with the Board for Nordic Development Projects, including their job descriptions, the Nordic staff shall be under the exclusive direction of the Tanzanian Authorities.

The Competent Authorities shall in each individual case agree on a detailed job description for the posts to be filled with Nordic staff. The Board for Nordic Development Projects shall obtain the approval by the proper Tanzanian authorities of each member of staff before appointment to a post within the Project.

2. *Obligations of the Nordic Governments*

The Nordic Governments shall:

(a) carry in full the costs of salaries and other related emoluments to the members of the Nordic staff;

(b) carry the costs of international travel of the staff and their families at the beginning and termination of a tour of duty as well as the transport of their household goods;

(c) make known to the Government of Tanzania the general terms conditions of the contracts of employment between the Board for Nordic Development Projects and the members of the Nordic staff.

3. *Obligations of the Tanzanian Government*

The Tanzanian Government shall:

(a) provide the Nordic staff and their families on arrival, or at the latest within two months after the arrival of such staff, in Tanzania with rent free housing and hard furnishing of a standard similar to that provided to officers of the Tanzanian Government of comparable rank. Telephone, water and electricity shall be the responsibility of the staff. In cases where the staff are compelled to reside in hotels, because of lack of housing, the Tanzanian Government shall provide free hotel accommodation for them and their families excluding meals, laundry and telephone charges;

(b) provide office facilities, telecommunications for official purposes and secretarial services;

(c) provide transport facilities and payment of travel allowance to the same extent as provided to officers of the Tanzanian Government of comparable rank;

(d) provide medical services and facilities to the Nordic staff and their families to the same extent as provided to officers of the Tanzanian Government of comparable rank and their families;

(e) allow the members of the Nordic staff to take such annual leave and sick leave as stipulated in their contracts of employment with the Board for Nordic Development Projects;

(f) exempt the Nordic staff form all direct taxes on income received from the Board of Nordic Development Projects in accordance with Section 2 of this Appendix;

(g) exempt from customs duties, sales tax and other related charges the personal and household effects of the Nordic staff and their families including one motor vehicle, one airconditioning unit, one refrigerator and the following used equipment: one stove, one radio receiver, one tape recorder, record player and one set of photographic or cine equipment per household imported into Tanzania within six months of the first arrival of the staff member in Tanzania, provided that such personal or household effects or equipment are not sold or disposed of at any time within East Africa to a person not entitled to customs franchise privileges;

(h) provide the Nordic staff and their family members with entry and exit permits valid for the period during which each member is connected with the Project;

(i) bear all risks and claims resulting from or occurring in the course of, or otherwise connected with, any operation covered by this Agreement. Without restricting the generality of the preceding sentence, the Tanzanian

Government shall indemnify and hold harmless the Nordic Governments and the staff against any and all liability, suits, actions, damages, demands, cost or fees on account death, injuries to person or property, or any other losses resulting from, or connected with, any act or omission performed in the course of operations covered by this Agreement short of acts or omissions amounting to gross negligence or wilful or reckless misconduct. In the event of the Tanzanian Government meeting any claim on behalf of Nordic staff in accordance with the foregoing provisions, the Government shall be entitled to exercise and enforce the benefit of any right of set-off, counterclaim, indemnity, contribution or guarantee to which such staff may be entitled.

4. *Recall of Staff*

The Tanzanian Government has right to request the recall of any member of the Nordic staff if his work or conduct is unsatisfactory. Before exercising this right the Tanzanian Government shall consult the Nordic Governments or their diplomatic representatives in Tanzania.

The Nordic Governments shall have the right to recall any member of the Nordic staff at any time. Before exercising such right the Nordic Governments shall, unless exceptional circumstances demand that such staff member be recalled immediately, consult the Tanzanian Government.

ANNEX C

to the Agreement between the Nordic Governments and the Tanzanian Government on the Assistance to the Uyole Agricultural Centre.

The following provisions apply to the payment of financial contributions referred to in Article IV of the Agreement. The provisions may be amended from time to time by the Competent Authorities as stipulated in Article III, paragraph 3.

1. (a) Nordic Governments shall make available their contribution (Article IV in the Agreement) towards the costs of the Building and Equipment Programme specified in the Plan of Operation, chapter a, Annex A, in the following manner:

The first payment shall be made on an agreed date as soon as the Agreement on the implementation of the Project has been signed. The sum paid shall be in accordance with the current financial year's Plan of Work and Budget.

The next payments shall be made annually and the sum paid each time shall be in accordance with the current financial year's Plan of Work and Budget.

The balance of the funds made available are transferable to the next financial year within the agreement period.

(b) The Nordic Governments shall make available their contribution towards the costs of training and institutional collaboration as specified in the Plan of Operation, chapter a., Annex A in the same manner as for 1 (a) above and according to the current financial year's Plan of Work and Budget.

2. The financial contributions of the Nordic Governments shall be paid into an external account to be opened in the Bank of Tanzania except for:
   (i) sums mentioned in paragraph 1 (b) above for staff training and institutional collaboration.
   (ii) salaries and related emoluments paid by the Nordic Governments to the Nordic staff.
   (iii) funds earmarked for procurements referred to in Article IV, paragraph 5 of the Agreement.

3. (a) The account mentioned in paragraph 2 above shall be operated jointly by persons authorized by the Ministry for

Foreign Affairs of Finland and by the Principal Secretary of the Ministry of Agriculture of Tanzania

(b) If any amount remains unspent in the account on the expiration of the Agreement, the Competent Authorities shall agree upon the use of the balance.

4. The Board for Nordic Development Projects has the right to arrange for the audit of the account records and documentation of the financial contributions.