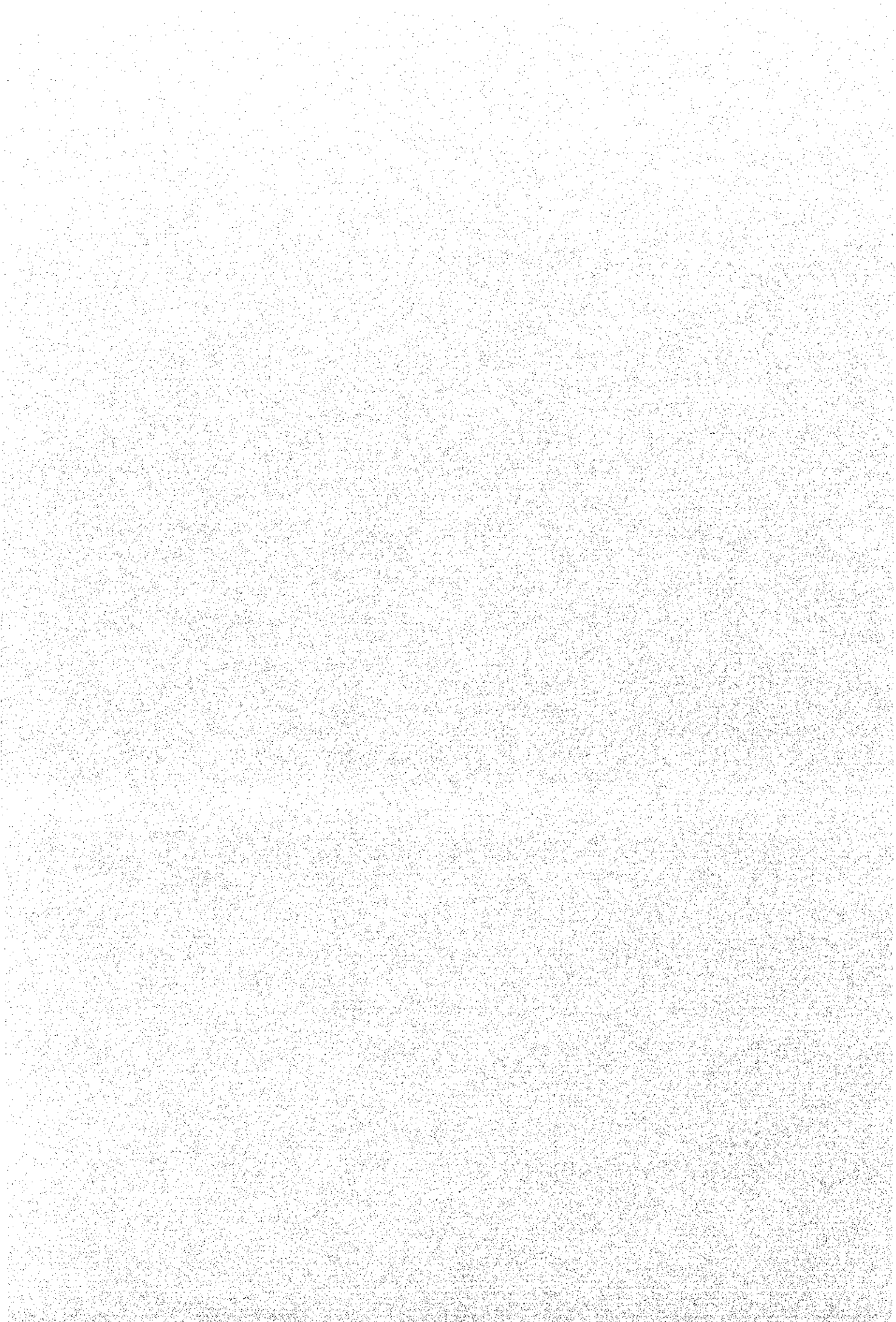


添付資料

1. 調査団の構成
2. 調査行程表
3. 主要面談者リスト
4. プロジェクトサイト計画図
5. ジャガイモ組織培養棟計画平面図
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7. 協議用資料（英文）



1. 調査団の構成

氏名	担当業務	所属
清水 暁	総括	JICA 無償資金協力部業務四課
鈴木 篤志	農業生産計画	アイシーネット株式会社
佐々木 弘之	施設・機材計画	株式会社 建設企画コンサルタント

2. 調査行程表

日順	月日	曜日	調査行程	調査内容
1	2/18	金	東京ーフランクフルト	
2	19	土	フランクフルトーダマスカス	
3	20	日	ダマスカス	JICA事務所挨拶、日本大使館表敬、国家開発庁(SPC)、農業・農地改革省(MAAR)アラブ国際関係部訪問
4	21	月	ダマスカスーアレppo	農業科学研究所(DASR)訪問、アレppoへ移動
5	22	火	アレppo	種子増殖公団(GOSM)本部訪問、総裁に挨拶、GOSMスタッフと打ち合わせ(スケジュールの確認、要請内容)、既存施設の視察(GOSM種子プラント、綿花局内GOSM旧庁舎の組織培養施設、GOSM新庁舎内組織培養予定施設、環境制御型温室)
6	23	水	アレppo	GOSM本部訪問(総裁・スタッフと打ち合わせ)、供給省サイロ公団アレppo種子処理プラント視察、プロジェクト予定地の視察
7	24	木	アレppo	GOSM本部訪問(種子の増殖・配布経路、現在の種子需要と供給について聴取、無償資金協力の仕組み説明)
8	25	金	アレppo	資料整理
9	26	土	アレppoーダマスカス	GOSM本部訪問(組織培養による馬鈴薯の増殖計画について聴取、総裁へ状況報告)、ダマスカスへ移動
10	27	日	ダマスカス	JICA事務所、SPC訪問(状況報告)
11	28	月	ダマスカス	MAARアラブ国際関係部訪問(状況報告、質問票回答)
12	29	火	ダマスカスーハマールアレppo (コンサルタント団員)	アレppoへ移動、途中、供給省サイロ公団ハマ種子処理プラント視察、GOSMハマ支所訪問(種子配布事業について聴取)

				取)
13	3/01	水	アレクポ (コンサルタント団員)	農業省アレクポ 地方事務所訪問 (アレクポ 州の農業概況、実施プロジェクトなど情報収集)、GOSM 本部訪問 (情報収集)、ICARDA 種子生産部訪問 (ICARDA と GOSM、DARS の関係に関する情報収集、施設の見学)
14	02	木	アレクポ (コンサルタント団員)	GOSM 本部訪問 (組織培養関係機材、組織・予算など情報収集)、総裁へ挨拶 清水団長帰国
15	03	金	アレクポ - ダマスカス (コンサルタント団員)	移動
16	04	土	ダマスカス (コンサルタント団員)	資料整理
17	05	日	ダマスカス (コンサルタント団員)	MAAR アラブ 国際関係部、農事部訪問 (政策作物、農産物への補助金など補足情報の収集)
18	06	月	ダマスカス (コンサルタント団員)	JICA 事務所、大使館訪問 (帰国挨拶)、国連食糧計画 (WFP) 事務所訪問 (実施プロジェクトに関する情報収集)
19	07	火	ダマスカス - ロンドン	
20	08	水	ロンドン	
21	09	木	東京	

3. 面会者リスト

Technical & Science Cooperation, State Planning Commission (SPC)

Mr. Bassam Al Shibai Director

Directorate of Arab & International Relations, Ministry of Agriculture & Agrarian Reform (MAAR)

Mr. Suldiman Karbooj Deputy Director
Ms. Yusud Issaq Division of Projects

Directorate of Agricultural Scientific Research (DASR), MAAR

Dr. M. Taweel Director
Dr. All Shehadeh Head of Crop Research Division
Dr. Yosef Wajhani Head of Germplasm Division
Mr. Shaukal Salti Head of Training Division
Mr. Gaida Mirani Researcher, Germplasm Division

Directorate of Agricultural Affaires, MAAR

Mr. M. Hassan Katana Director
Mr. M. Al Khateb Head of Potato Division
Mr. M. K. Taweel

Aleppo Directorate, MAAR

Mr. Jalal Abdullah Director

General Organization for Seed Multiplication (GOSM), MAAR

Dr. Ali Dibeh General Director
Mr. Rahmani Ammar Foreign Trade Director
Mr. Abdul Madarti Cereals & Legumes Director
Mr. Mohamed Al Losh Statistics & Planning Director
Mr. Kazem Al Dadal Marketing Director

Hama Branch, GOSM, MAAR

Mr. Mahmood Al Husein Manager
Mr. Mostafa Samazim Technician

Aleppo Unit, General Organization for Silos, Ministry of Supply & Internal Trade

Mr. Aled Alganisaid Manager

Mr. Adieb Nanna Head of Seed Processing Plant

Hama Unit, General Organization for Silos, Ministry of Supply & Internal Trade

Mr. Ahmad Hamdoon Manager

Seed Production Unit, International Center for Agricultural Research in the Dry Area

Dr. Michael Turner Head of Seed Unit

Mr. Abdoul Aziz Niane Seed Production Manager

United Nations, World Food Programme

Mr. Tarek Shayya Programme Officer

在シリア日本大使館

坂 克人 一等書記官

JICA シリア事務所

海老名 捷彦

事務所長

安田 匡範

企画調査員

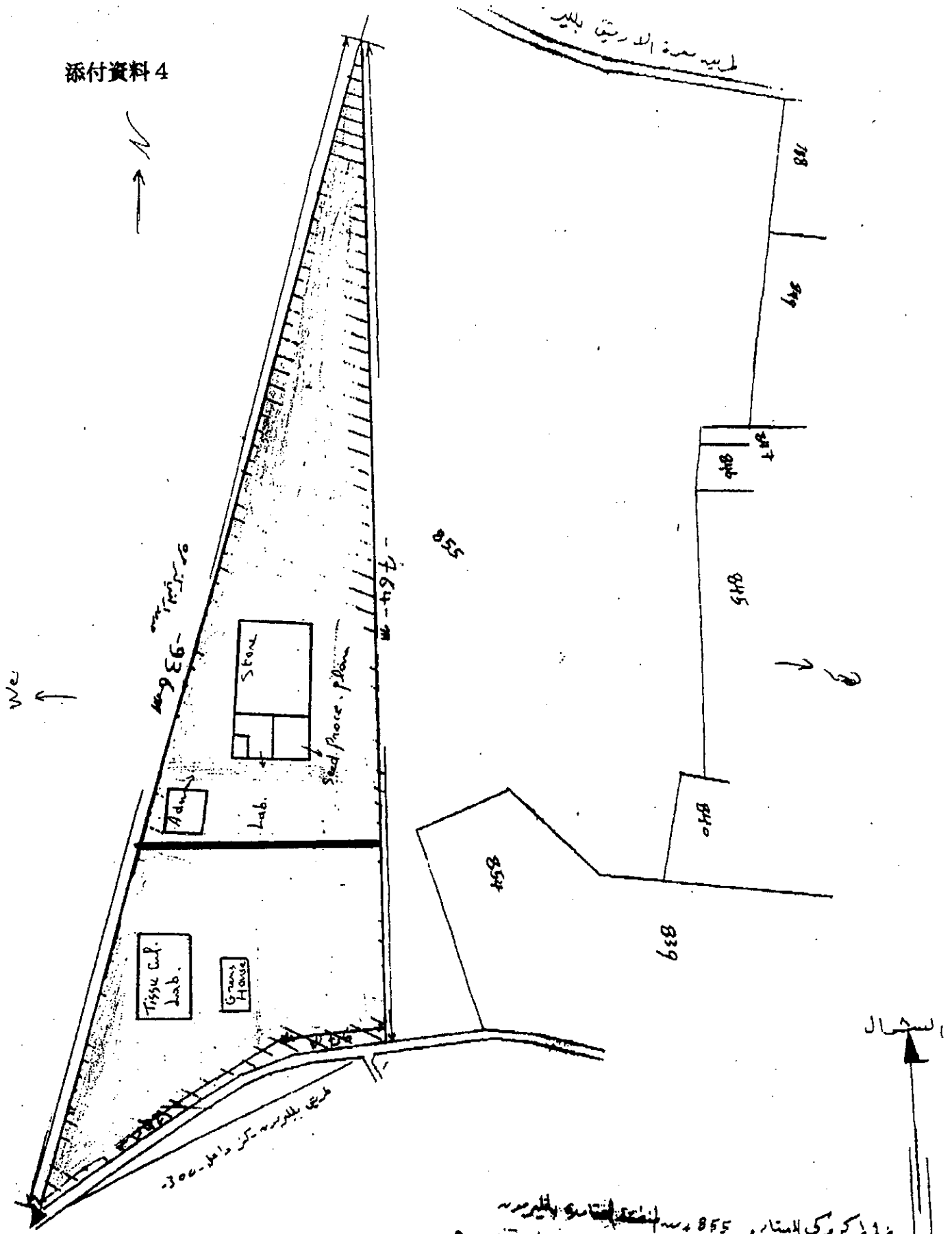
湖東 朗

専門家（農業普及研修）

Mr. Kamel Hajwan

通訳

添付資料 4

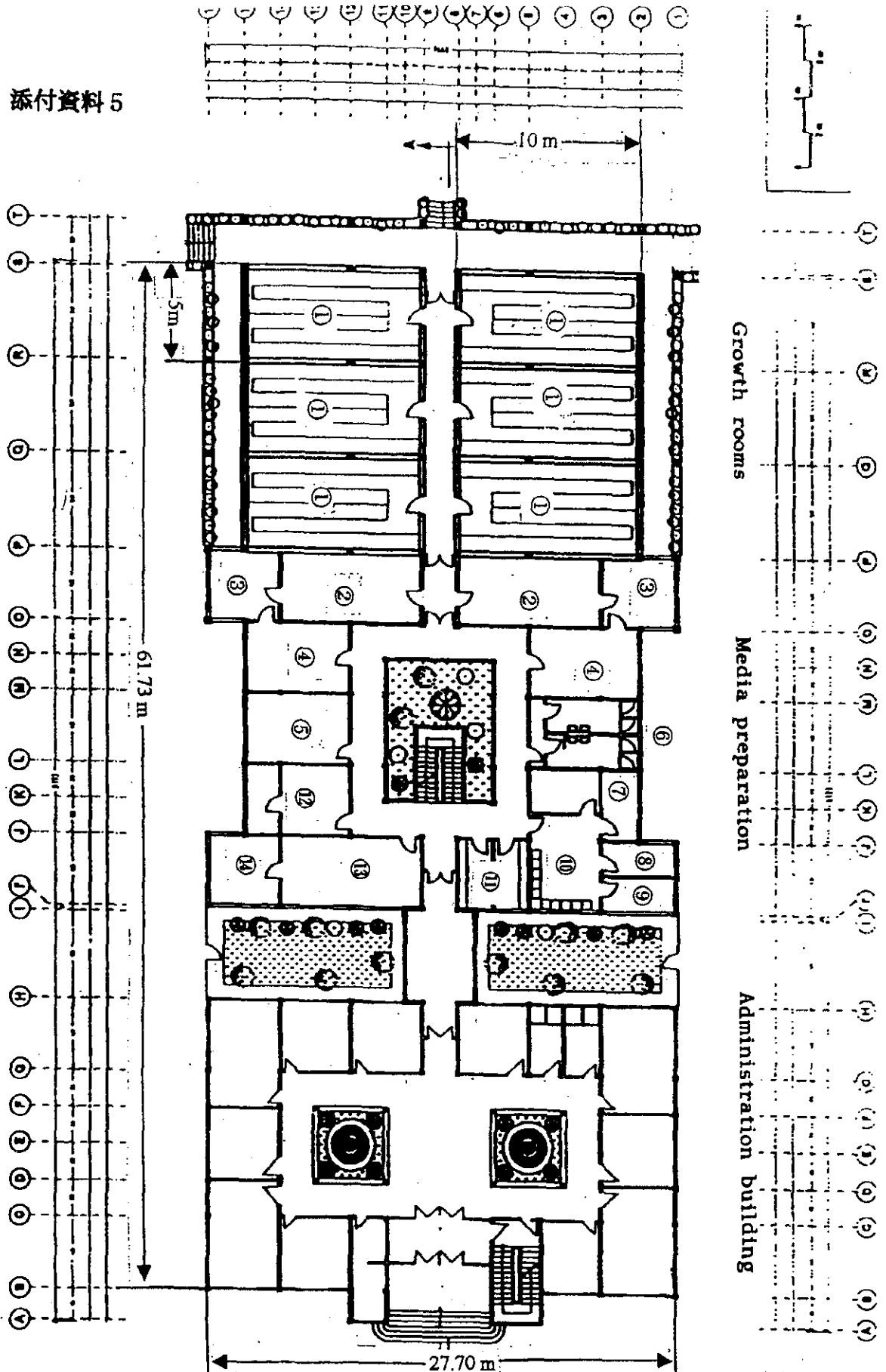


فندق كروي للمنتار 855 وبنية إقامتي بالقرية
 التابعة لمنطقة جبل سمان بين عليه الموقع المراد قصبه
 المراد المراد قصبه للراية المارة لكشار البزار بولاية
 بالدمية بالبحر
 المنارة يتكوّن من عدد من الدوم التي منزله من قنارات
 أمثلة الدولة

الهندسة محمد حميد

پروجيكت سائت پانوا

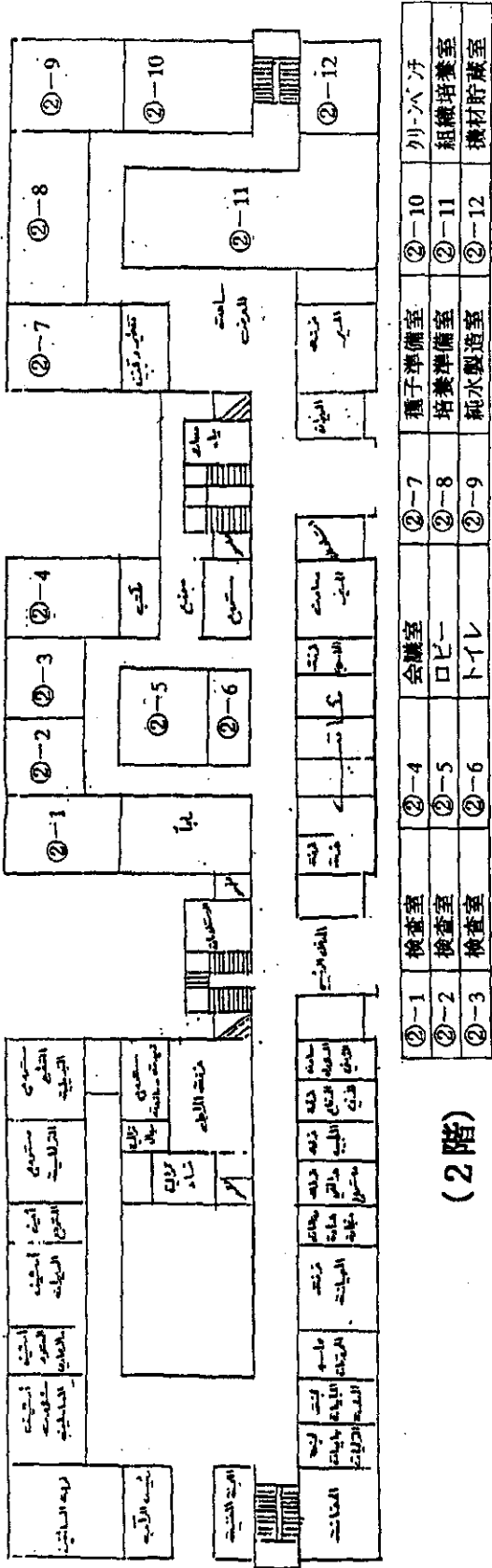
添付資料 5



①組織栽培室	⑥トイレ	⑪更衣室
②無菌室(クリーンベント3台)	⑦秤量室	⑫純水製造室
③材料倉庫	⑧顕微鏡検査室	⑬ガラス器具洗浄室
④組織培養準備室	⑨写真現像室	⑭ガラス器具用倉庫
⑤軽食堂	⑩組織栽培箱・冷蔵庫	

ジャガイモ組織培養棟計画平面図

組織培養棟

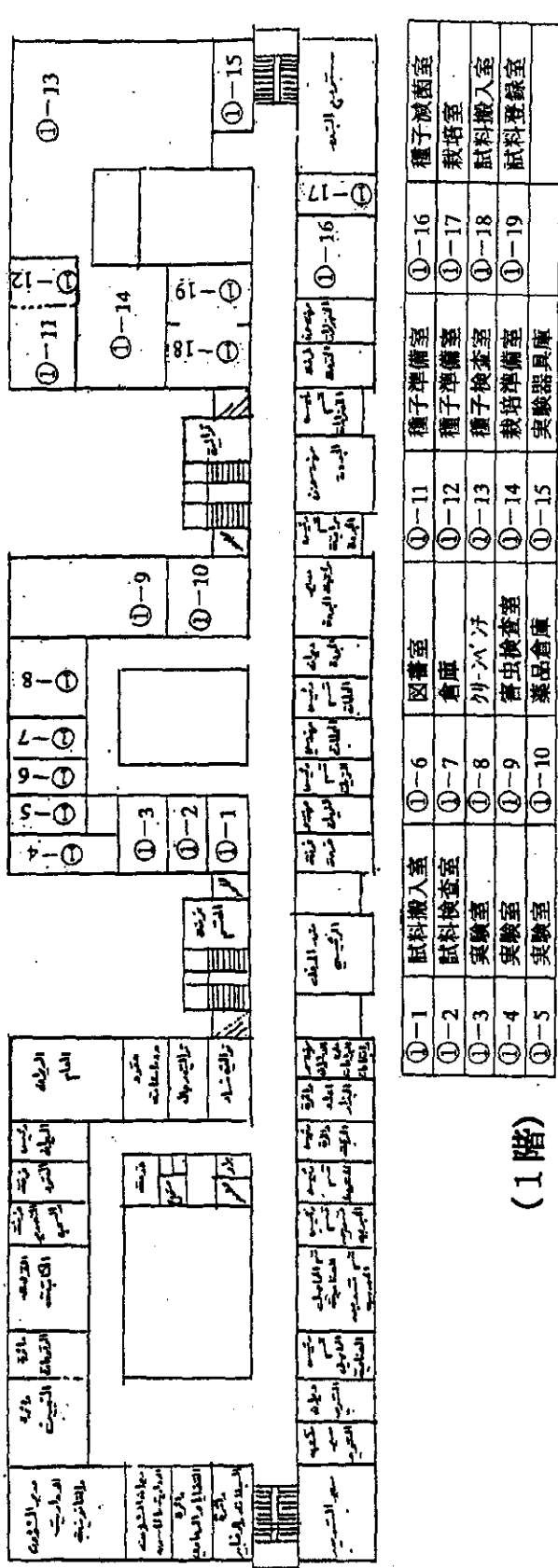


ウイルス検査棟

管理棟

種子検査棟

害虫検査棟



GOSM 本部新設の実験棟平面図

7. 協議用資料 (英文)

Preparatory Study on the Seed Industry Improvement Project in the Syrian Arab Republic

1. Background

Agriculture is one of the most important sectors in the Syrian Arab Republic, as agriculture-related products compose nearly 25% of GDP and more than half of work force is engaged in the sector. The major agricultural products in the country are wheat, barley, potato, sugar beet, maize, cotton and several beans and vegetables, most of which are important staple food for the Syrian people. Natural conditions in the country are, however, not necessarily favorable for crop production as most of the land is dry and water availability is erratic and limited. As a result, only less than one-third of the total land has been utilized for farming activities traditionally. Therefore, in order to increase the crop production and meet the demand for food in the country, how to improve the productivity per land unit is the most important concern for the Government as well as agricultural producers. Among many, the quality of seeds used by farmers is considered as important factor in improving the yield. The Syrian Government came to recognize the important role that high quality of seeds play in agricultural development, which led to the establishment of General Organization for Seed Multiplication (GOSM) in 1975 as a special governmental body to deal with multiplication and distribution of high quality of seeds for farmers. At present, COSM has a seed processing plant in Aleppo as well as 11 plants in other regions, which are related with General Organization for Silos. Because most of these facilities, except the one in Aleppo, were constructed in 1976, they have got obsolete and difficult to produce sufficient amount of seeds needed by farmers.

In this circumstance, the Syrian Government has requested the Government of Japan to assist in implementing Seed Industry Improvement Project under Japan's Grant Aid Scheme. To response to this request, the Government of Japan has decided to dispatch a preparatory study mission to Syria through Japan International Cooperation Agency to collect information regarding the present situation of the seed industry of the country and to examine the suitability of adopting this request as a grant aid project.

2. Objectives of the study

The objectives of the preliminary study mission are set as follows:

- 1) To obtain background information regarding the Seed Industry Improvement Project such as agricultural development plans, system of seed production and distribution, present conditions of existing facilities and equipment, and other related information.;
- 2) To examine the objectives and contents of the requested project, and the suitability of adopting the request as a project under the Japan's Grant Aid Scheme; and
- 3) To make suggestions for the proceeding main study on the project.

3. Scope of the study

To achieve the objectives mentioned above, the study team will carry out the following activities;

- having discussions with staff of GOSM, MAAR and other organizations concerned with seed production and development
- inspecting existing facilities producing and processing seeds as well as the candidate site of the project
- obtaining necessary information to examine the suitability of the project such as agricultural development plan, statistical data of agricultural products and seeds, etc.

The contents of the study are as follows;

- 1) National development plan and its relation with agriculture
- 2) Current agricultural development plans and their relation with the requested project
- 3) Recent situation of agricultural sector
 - production, consumption and self-sufficiency rates of main crops
 - farming systems
 - major distribution channels of agricultural products
- 4) Situation of seed market
 - balance of demand and supply
 - seasonal change of seed consumption
 - market size
- 5) Current system of seed production, processing and distribution, and organizations concerned

- seed improvement and development
 - seed multiplication, storage and distribution
 - methods and items of seed test
 - major seed distribution channels
- 6) Conditions and capacity of existing facilities and equipment for seed production and processing
- GOSM
 - General Organization for Silos (11 facilities)
 - Genetic Resource Research Center
- 7) Legislation and regulations for seed production and distribution
- regulations for crop seed multiplication and production
 - regulations for stable supply of seed
 - regulations for seed quality test
- 8) Relations with other organizations such as
- GOSM and Directorate of Agricultural Scientific Research (DASR)
 - International Center for Agricultural Research in Dry Area (ICARDA)
 - Arab Center for Studies of Arid Zone and Dry Zone (ACSAD)
- 9) Contents of the requested project
- meaning of the requested project in the seed industry
 - items of facility and equipment requested by the Syrian Government
 - purposes to use the requested equipment
 - objective crops
 - candidate site for the project
- 10) Expected results and effects of the requested project
- present amount of produced seed and expected amount after the project implementation
 - expected results in improvement of seed test operation
- 11) Situation and capacity of the project implementing organization
- current organization
 - staff
 - budget and expenditure
 - operation method
 - training
- 12) Necessity and suitability of the project to a Japan's grant aid scheme
- 13) Proper range and size of the project
- buildings to be constructed
 - experimental equipment
- 14) Items to be studied in the proceeding main study

