資　料

１．調査団員氏名 …… 59

２．調査団日程 …… 60

３．主要面談者リスト …… 62

４．協議議事録 …… 65

５．対象地域の自然条件 …… 80

６．各州 UBE 統計資料 …… 81

７．ナイジェリアの経済指標 …… 82

８．ナイジェリア国地図 …… 85

９．要請サイト位置図 …… 87

10．要請校・建設現場の状況写真（D1～D7） …… 91

11．収集資料リスト …… 123

調査団員氏名

・松島　正明	団長	JICA 無償資金協力部業務一課長
・藤原　真吾	計画管理	JICA 無償資金協力部業務 1 課
・守屋　幡司	教育計画／社会環境	有限会社　スガタコンサルタンツ
・金山　秀明	施設／設備計画	有限会社　金山秀明一級建築士事務所
・兎内　文男	施工／調達事情	海外貨物検査　株式会社

	DATE	DAY	OFFICIAL	CONSULTANT		
				Educational Planner/ Social Environment Specialist: Mr.Moriya	Architectural & Material Planner: Mr.Kanayama	Construction Planner / Procurement Planner/ Quantity Surveyor: Mr.Tonai
1	13-Nov	Wed		Narita1130/London1505(NH201) London2225/Abuja0550(BA083)		
2	14-Nov	Thu		事務所、大使館表敬 UBE実務者との面談、表敬・協議準備		
3	15-Nov	Fri		表敬・協議/中央教育省	調査団の目的、調査内容、調査場所（対象州）、無償資金協力の説明	
4	16-Nov	Sat		教育計画調査 教育上位計画の把握、統計資料の提出依頼	施設/設備計画調査	施工計画／調達事情調査
5	17-Nov	Sun				
6	18-Nov	Mon		教育システム資料提供依頼 教育事情調査	UBE標準設計の確認、 工法・工期の実態調査	ローカルコントラクター能力調査 標準発注単価等価格調査
7	19-Nov	Tue		援助情勢調査 EFA会議の動向確認	既存小学校の状況把握 標準的なコンポーネントの調査	調達事情等の調査 建設工事に関わる手続の調査
8	20-Nov	Wed		他ドナーの動向調査	運営維持管理体制に係る調査 維持管理の技術力の調査	他ドナーによる建設コストの調査
9	21-Nov	Thu		社会状況（情勢）及び実施体制に係る調査 教育省の体制・能力（要員）に係る調査	維持管理活動、予算等の把握 維持管理費用と負担者（PTA？）把握	
10	22-Nov	Fri	Narita1130/London1505(NH201) London2225/			
11	23-Nov	Sat	/Abuja0550(BA083)			
12	24-Nov	Sun				
13	25-Nov	Mon	事務所、大使館、国家計画委員会表敬 表敬・協議/連邦教育省		本調査の位置付け、要請内容の確認、調査内容の確認 無償資金協力の説明、先方負担事項の確認、スケジュールの確認	
14	26-Nov	Tue	協議（連邦教育省）・サイト調査/小学校サイト（アブジャ周辺）		移動 本調査の目的（無償資金協力、予備と本格）、要請内容の確認、今後のスケジュール	
15	27-Nov	Wed	ミニッツ協議/連邦教育省、各州教育省		サイト状況調査	
16	28-Nov	Thu	ミニッツ協議/連邦教育省、各州教育省 ミニッツ署名			
17	29-Nov	Fri	JICA、大使館報告			
18	30-Nov	Sat	Abja0925/London1500(BA082) London1935/			
19	1-Dec	Sun	/Tokyo1505(NH202)	移動（アブジャ→ナイジャー州）		

20	2-Dec	Mon		協議／ナイジャー州教育省・教育委員会関係者 サイト調査/ナイジャー州小学校サイト
21	3-Dec	Tue		調査の目的、サイト選定基準、スケジュール、便宜供与依頼
22	4-Dec	Wed		UBE標準設計の確認、サイト状況の確認、州教育省による建設事例の確認
23	5-Dec	Thu		
24	6-Dec	Fri		
25	7-Dec	Sat		
26	8-Dec	Sun		移動（ナイジャー州→カドゥナ州）　移動（ナイジャー州→カドゥナ州）　移動（ナイジャー州→カドゥナ州）
27	9-Dec	Mon		協議／カドゥナ州教育分野関係者
28	10-Dec	Tue		サイト状況調査（カドゥナ州）
29	11-Dec	Wed		
30	12-Dec	Thu		
31	13-Dec	Fri		移動（カドゥナ州→プラトー州）　移動（カドゥナ州→プラトー州）　移動（カドゥナ州→プラトー州）
32	14-Dec	Sat		協議／プラトー州教育分野関係者
33	15-Dec	Sun		
34	16-Dec	Mon		サイト状況調査（プラトー州）
35	17-Dec	Tue		
36	18-Dec	Wed		移動（プラトー州→アブジャ）
37	19-Dec	Thu		資料整理・報告書作成
38	20-Dec	Fri		中央教育省、大使館、JICA報告
39	21-Dec	Sat		Abuja0925/London1500(BA082),
40	22-Dec	Sun		情報収集　London1900/Tokyo1530+1(NH202)
41	23-Dec	Mon		/Tokyo1530(NH202)

主要面談者リスト

JICA 事務所

小金丸　梅雄	所長
林　正樹	企画調査員
Mr. Ayandele M. K.	Program Officer (Education Sector)

日本大使館

松井　啓	特命全権大使
高瀬　やすお	公使
水谷　よしひろ	一等書記官
古賀　俊行	二等書記官

U.B.E. (Universal Basic Education Programme)

Dr. J. B. O. Olubodun	Director, Planning Reserch
Alh. Bello Kagara	Project Coordinator
Mr. E. O. Okundaye	Deputy Director, EMIS
Mr. Mike Aule	Procurement Officer
Arc. Molkat. M. Mutfwang	Deputy Director, Physical Planning (Construction)
Alh. Umar Iro	Principal Research Officer
Dr. Tony Alabi	Deputy Director
Mr. P. M. Yissa	Deputy Director, Monitoring & Evaluation
Dr. C. O. Ubani	Deputy Director, Social Mobilisation Unit
Mr. Habu Yunusa Moh'd	Senior Principal Research Officer
Mr. Hassan El-Yakubu	Legal Adviser
Mr. Nura Ibrahim	Architect

DFID (Department for International Development)

Dr. Don Taylor	Educational Specialist
Ms. Ann Oden	Programme Officer, Education

Federal Ministry of Education (FME)

Prof. A. B. Borishade	Honorable Minister for Education
Alh. Bello Usman	Honorable Minister of State for Education
Ambassador G. O. Brewari	Permanent Secretary
Dr. S. A. B. Atolagbe	Director, Education Support Services
Mr. F. N. Ndefo	Assistant Director
Mrs. Umelo N. I.	BACAA Branch

UNICEF

Mr. George Igelegbai	Acting Chief Education Officer
Dr. Katrin Imhof	APO, Education
Mrs. V. T. Solarin	Education Officer

The World Bank

Mr. Tunde Adekola	Senior Education Specialist

UNESCO

Mr. Hubert J. Charles	Unesco Representative
Mr. Iyabo Fagbulu	National Professional Officer

National Planning Commission (N. P. C.)

Engr. I. O. Adegun	Director, International Co-operation Dept.
Mr. E. P. Odiochi	Assistant Director
Mr. R. O. Showole	Asst. Principal Officer
Mr. Raymond Orinya	Admin. Officer
Mr. T. Umar	Planning Officer
Mr. Jeminiwa Charles	Planning Officer, Bilateral Aid

F. C. T. Primary Education Board

Mr. James Istifanus	Quantity Surveyor, Works Department

Niger State Primary Education Board (Niger SPEB)

Mr. Ahmed Usman	Director, Planning Research & Statistics
Mr. Salihu B. T. Lapai	Secretary
Mr. Tunana P. J. Chukuba	Permanent Member
Alh. Abdul Hamzat	Director, Schools Services
Alh. Abdullali Umar	S. A. / UBE
Alh. Alhassan Bahago	Director, Personal Management
Alh. Ahmed N. Kolo	Deputy Director, Schools Services
Alh. Isah Mohammad Lapai	Assist. Chief Q/S (Technical)

Niger State Ministry of Education

Alh. T. Ahmed	Acting Permanent Secretary
Mr. M. A. Madugu	Director, PRS
Mr. Elisha Dada	D / Insp.
Mr. Adamu J. Dabban	D / SES
Mr. Abubakar A. Idris	DD / PRS
Mr. Zubairu S. B. Usman	C.T.O.

Niger State Government

Alh. Eng. Abdullkadir A. Kure	Governor
Mr. Adams Erena	Secretary to the State Government

State College of Education, Niger

Mr. Ibrahim Kolo	Provost

Kaduna State Primary Education Board

Dr. Baba Usman	Executive Chairman
Mr. Balarabe Ibrahim	Permanent Member

Mr. Muktar Yusuf Zaria	Director, Personal Management
Mrs. Doreen N. Dodo	Director, Planning Research & Statistics
Mr. Monday B. Madaki	Chief Technical Officer, Building
Mr. Suraj Mohammad	Principal Quantity Surveyor
Mr. Tanimu Mohammad	Asst. Director (Q. S.)
Mr. A. G Tanko Suba	Chief Accountant
Mr. Usman Moh'd Bawo	Architect

Kaduna State Ministry of Education

Alh. Salisu Halidu	Acting Permanent Secretary

Plateau State Primary Education Board

Dr. Gabriel Mafulul	Executive Chairman
Mr. Ezekiel A. Angai	Permanent Member I
Mr. Dakwo David T.	Director, Planning Research & Statistics
Mr. T. C. Bankat	Deputy Director, Works

MINUTES OF DISCUSSION ON
THE PRELIMINARY STUDY ON
THE PROJECT FOR CONSTRUCTION OF
ADDITIONAL CLASSROOMS FOR PRIMARY SCHOOLS
IN THE FEDERAL REPUBLIC OF NIGERIA

In response to a request from the Government of the Federal Republic of Nigeria (hereinafter referred to as "Nigeria"), the Government of Japan has decided to conduct a Preliminary Study on the Project for Construction of Additional Classrooms for Primary Schools (hereinafter referred to as "the Project"), and entrusted the study to Japan International Cooperation Agency (JICA).

JICA sent to Nigeria the Preliminary Study Team headed by Mr. Matsushima Masaaki, Director, First Project Management Division, Grant Aid Management Department, JICA, and is scheduled to stay in the country from the 14th November to the 21st December 2002.

The team held series of discussions on the Project with the officials concerned from the Government of Nigeria and conducted field surveys at the study areas.

As a result of the discussions and field surveys, both parties confirmed the main items described on the attached sheets.

Abuja, 28th November 2002

Mr. Matsushima Masaaki
Leader
Preliminary Study Team
Japan International Cooperation Agency
JAPAN

Dr. J. B. O. Olubodun
Director
Universal Basic Education programme
Federal Ministry of Education
Federal Republic of Nigeria

Ms. Doreen Nenadi Dodo
Director
Planning, Research & Statistics
State Primary Education Board
Kaduna State

Mr. Ahmed Usman
Director
Planning, Research & Statistics
State Primary Education Board
Niger State

Dr. Gabriel D. Mafulul
Executive Chairman
State Primary Education Board
Plateau State

ATTACHMENT

1. Objectives of the Project

The objectives of the Project are to ease the shortage of classrooms and to improve the access to basic education in Nigeria through the construction of school buildings based on the concept of the Universal Basic Education programme.

2. Project Sites

The sites of the Project are located in Kaduna, Niger and Plateau States.

3. Responsible and Implementing Organizations

3-1. Responsible Organizations: Universal Basic Education programme (UBE), Federal Ministry of Education (FME)

3-2. Implementing Organizations: State Primary Education Board (SPEB) and Local Government Education Authority (LGEA)

3-3. The organizational charts of FME, UBE, SPEB and LGEA are attached as ANNEX 1.

4. Request from the Nigerian Side

Through series of discussion, the Nigerian Side made additional requests to the Japanese side of necessary Facilities and Equipment as attached in ANNEX 2.

5. Criteria for Site Selection

The Nigerian Side explained to the Japanese Side the criteria for the proposed Site Selection of Primary Schools. The Japanese Side also explained to the Nigerian Side the necessary criteria for the site selection of primary schools from technical points of view. Both sides confirmed that the necessary criteria as attached in ANNEX 3 have been taken into consideration for the selection of the project sites.

6. Japan's Grant Aid Scheme

6-1. The Nigerian side understood the Japan's Grant Aid Scheme as explained by the Japanese Team, as described in ANNEX 4, and the Nigerian side also understood the purpose of the Preliminary Study and the difference between it and that of Basic Design Study.

GDM

A. N. Audo

6-2. The Nigerian side agreed to take necessary measures, as described in ANNEX 5, for the smooth implementation of the Project, on the condition that the Japan's Grant Aid will be extended to the Project.

7. Other relevant issues

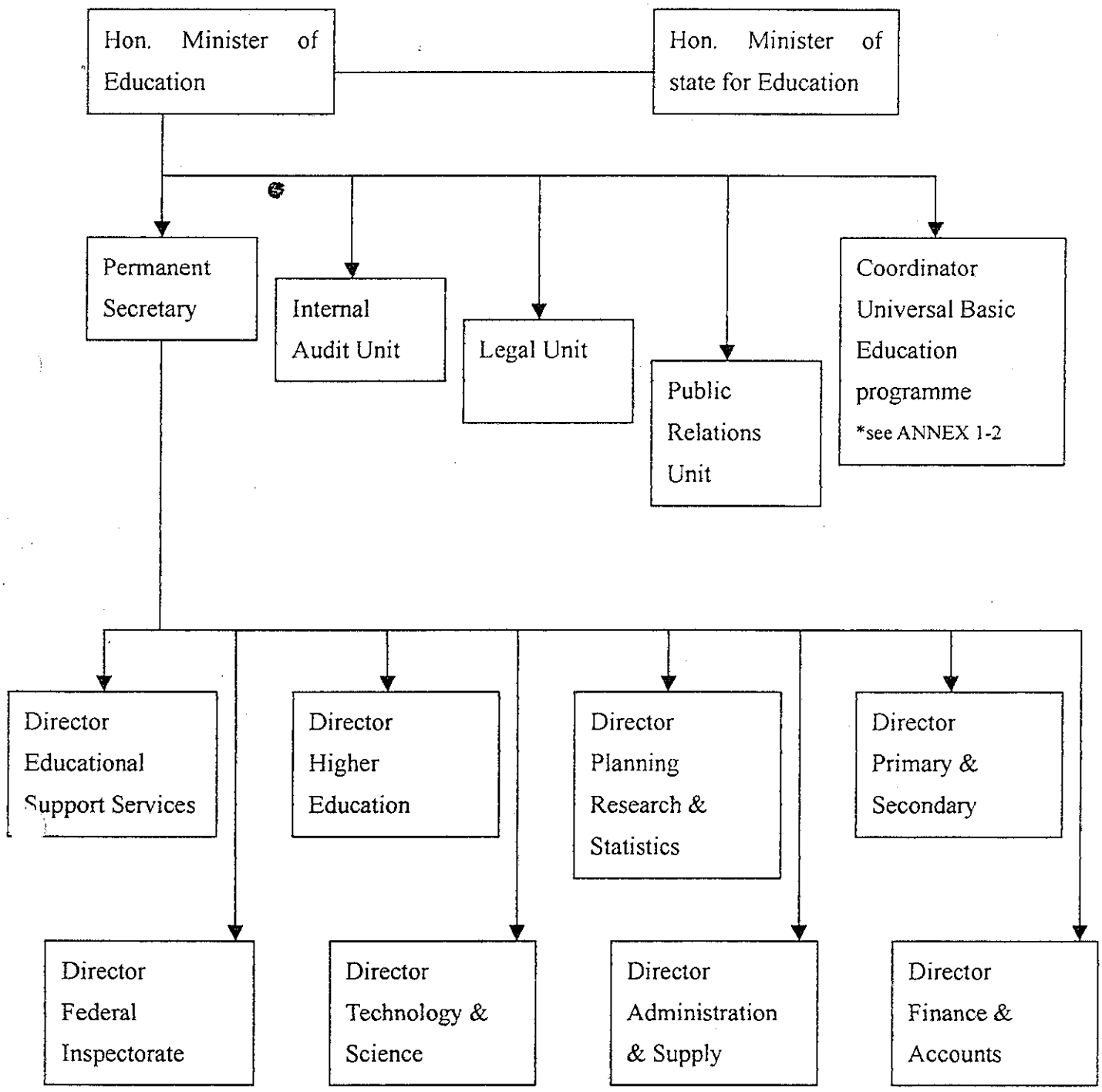
7-1. The Nigerian Side requested the Japanese side not only for provision of necessary facilities but also procurement of equipment as attached in ANNEX 2. However, the Nigerian Side requested the Japanese Side to understand that there might be minor modifications to the contents of the Project to avoid any duplication of activities based upon more detailed evaluation.

7-2. The Nigerian Side explained the institutional arrangement for execution of primary education in Nigeria, the responsibilities and demarcation among the Federal Ministry, the State Ministry and the Local Government. However, the Japanese Side requested the Nigerian Side to make further explanation regarding institutional arrangement including budgetary system etc. by responding to the questionnaire from the Japanese Side before the time of departure of the consulting team members.

7-3. Regarding the responsibilities of the Nigerian Side as described in ANNEX 5 and on the condition that the Japan's Grant Aid is extended, the Nigerian Side explained to the Japanese Side that exemption of internal taxes, customs duties and other fiscal levies for the Japanese nationals will require approval from the relevant Ministries and Organizations which may take some time. The Japanese side requested the Nigerian Side to take necessary measures to get the approval as quickly as possible.

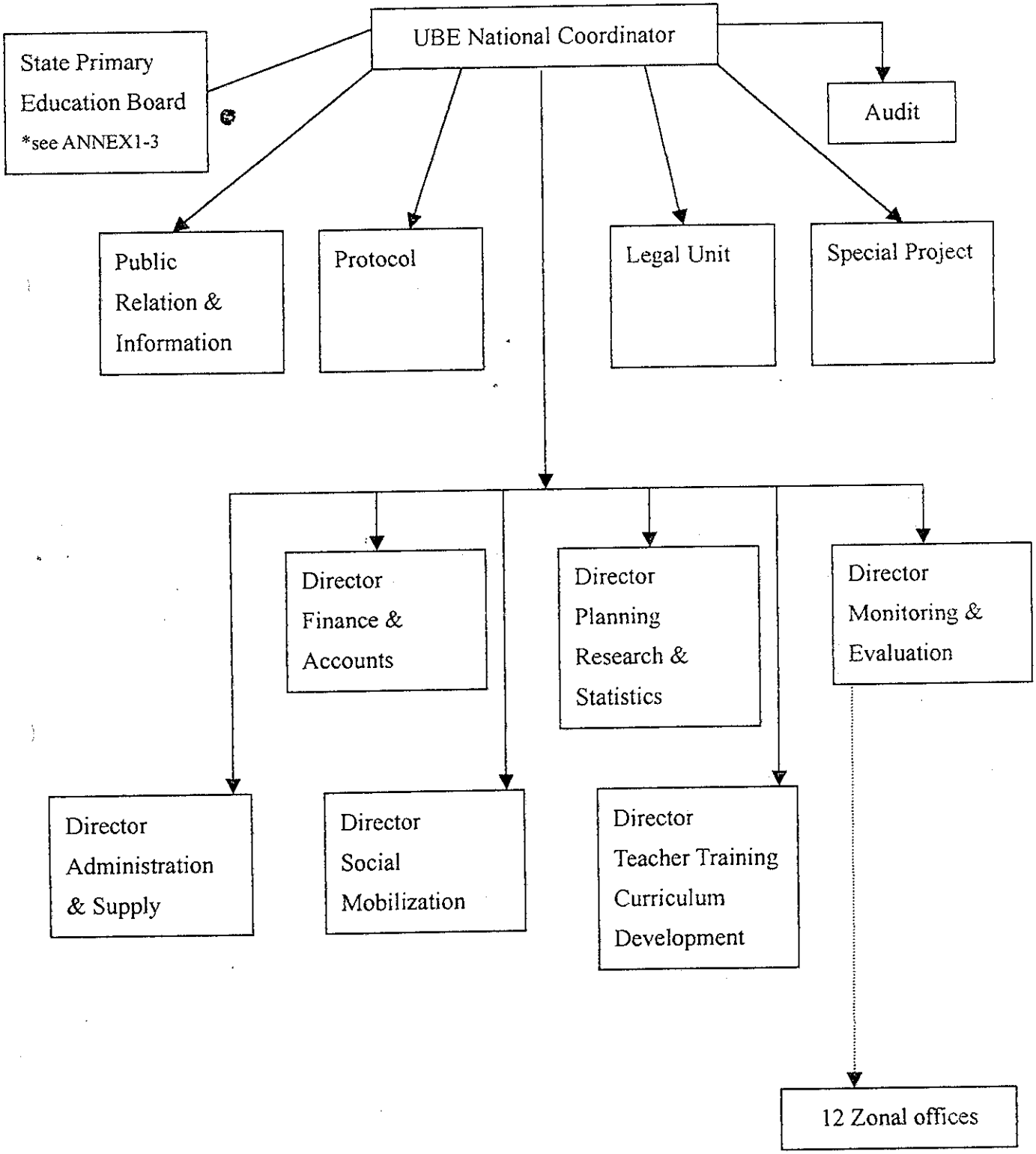
7-4. The Japanese Side explained to the Nigerian Side that it is important and compulsory for the Nigerian side to secure safety in the Project Sites for smooth implementation of the project. The Nigerian Side agreed to take necessary measures in that regard.

ANNEX 1-1 ORGANOGRAM OF THE FEDDERAL MINISTRY OF EDUCATION



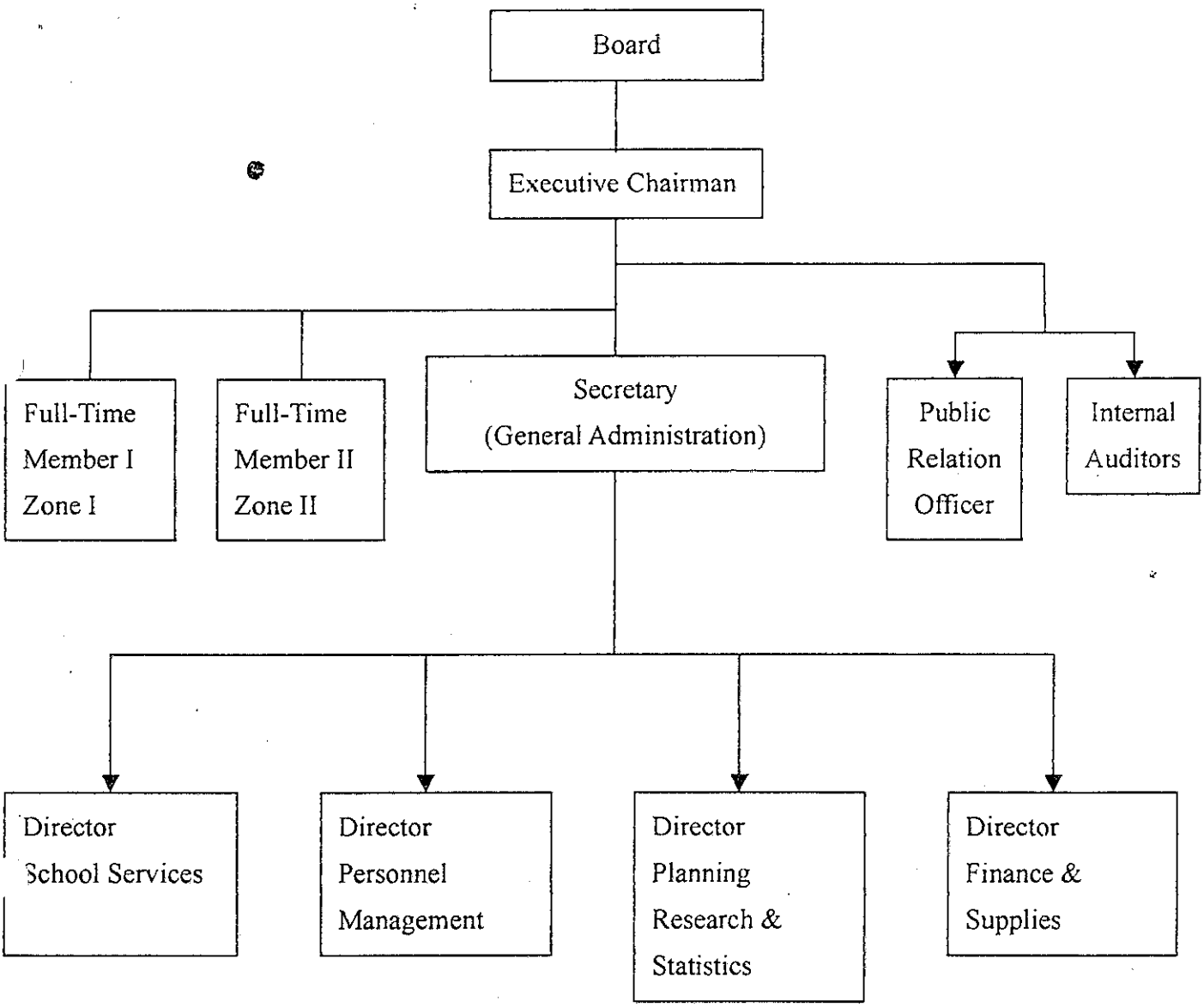
GDM

ANNEX 1-2 ORGANOGRAM OF UNIVERSAL BASIC EDUCATION PROGRAMME

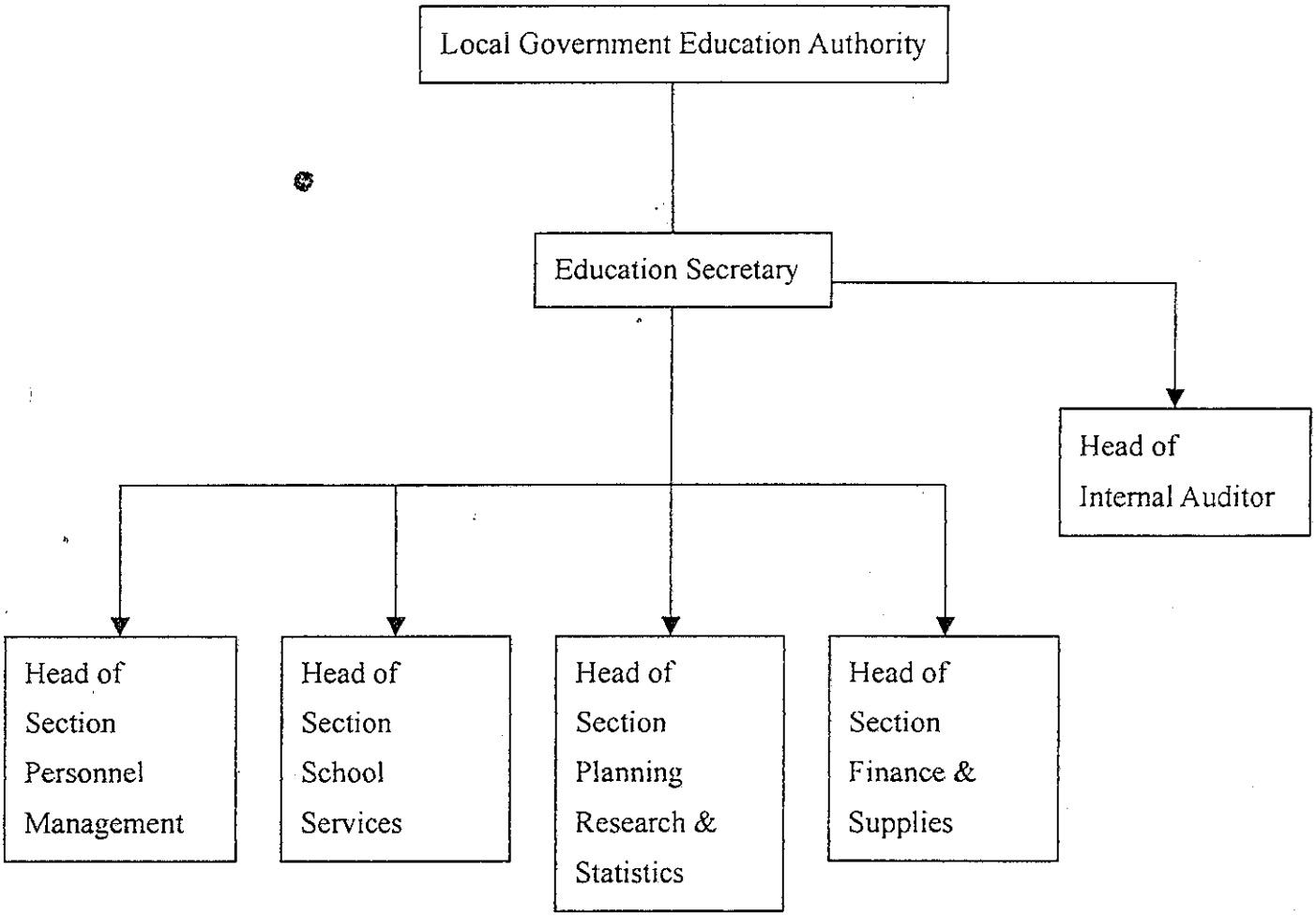


GDM
D. M. Bodo

ANNEX 1-3 ORGANOGRAM OF STATE PRIMARY EDUCATION BOARD



ANNEX 1-4 ORGANOGRAM OF LOCAL GOVERNMENT EDUCATION AUTHORITY



GDM

ANNEX 2-1 Requested School Sites from the Nigerian Side (Kaduna)

S/No	Name of School	L..G.A.	No. of C/R Req.
1	Bagoma	B/Gwari	4
2	Auchan Central	Ikara	4
3	Kuryas	Jaba	4
4	Baduku	Jema'a	4
5	Gangarida	Ikara	4
6	Gwagwada	Chikun	4
7	Gadas	Kubau	4
8	Crossing	Kachia	4
9	Kidandan	Giwa	4
10	Gangarida	Igabi	4
11	Shadalafiya	Kagarko	4
12	Likoro	Kudan	4
13	Safiogida	Kaura	4
14	Aba Malami	Makarfi	4
15	Doka	Kajuru	4
16	Ung. Madauchi	Kudan	4
17	Zanbina	Kauru	4
18	Ung. Gwari	Kaduna North	4
19	Wasa	Sanga	4
20	Maigamo	Lere	4
21	Paki Road	Kaduna South	4
22	Murchia	Sabongari	4
23	Sakwan	Z/Kataf	4
24	Tankarau Nomadic	Zaria	4
25	Richifa	Soba	4
26	Zonkwa VI	Z/Kataf	4
27	Gaskiya	Zaria	4
28	Sada	Makarfi	4
29	Zankan	Kaura	4
30	Dawaki Bassa	B/Gwari	4
31	Fai	Jaba	4
32	Udg. Sarki Pambeguwa	Kubau	4
33	Asso Central	Jema'a	4
34	Soba Central	Soba	4
35	Gbuila	Sanga	4
36	Ang. Tobo	Z/Kataf	4
37	Abdulrahman Mora	Zaria	4
38	Kamuru II	Z/Kadaf	4
39	Kadabo	Makarfi	4
40	Gure I	Lere	4
41	Jataudoka	Kauru	4
42	Jushi	Sabongari	4
43	Ung. Yelwa	Chikun	4
44	Kaya	Giwa	4
45	Zangonaya	Igabi	4
46	Katambi	Kachia	4
47	Ibrahim Taiwo	Kaduna North	4
48	Maichibi I	Kaduna South	4
49	Kushe I	Kagarko	4
50	Gefe	Kajuru	4
		Total	200

G,D M
D-N. Bada

ANNEX 2-2 Requested School sites from the Nigerian Side (Niger)

S/No	Name of School	L..G.A.	No. of C/R Req.
1	Barkin Sale	Minna	20
2	Korokpa	Paikoro	4
3	Rafin Kuka	Shiroro	6
4	Chukuba	Shiroro	6
5	Bikin Iku	Suleja	28
6	Model Wushishi	Wushishi	13
7	Ibrahim Tako	Bida	12
8	Central S/pawa	Munya	17
9	Rafin Karma	K/Gora	4
10	Epogi	Mokwa	2
11	Rafin Mota	Rijau	7
12	Etsu Nuhu	Agaie	12
13	Makafu Lemu	Gbako	4
14	Sangi	Edati	9
15	T/Fulani Gabas	Bosso	4
16	Karaya Nom.	Rafi	4
17	Salka Cent.	Magama	10
18	Central P. S.	Agwara	6
19	Bangi Cent.	Mariga	8
20	Bussu	Lavun	11
21	Garam	Tafa	5
		Total	192

ANNEX 2-3 Requested School Site from the Nigeria Side (Plateau)

S/No	Name of School	L..G.A.	No. of C/R Req.
1	Kwakwi Station LEA	Riyom	3
2	Ungwa Hausawa LEA	Kanam	3
3	Mahanga LEA	Langtang South	3
4	Zamya LEA	Langtang South	3
5	Zomo Nom.	Mikang	3
6	Angwan Baraya	Mangu	3
7	Badni LEA	Mangu	3
8	Kuka Primary School	Shendam	3
9	LEA Rizek	Jos East	3
10	Ratasho LEA	Barkin Ladi	3
11	Lohmak LEA	Langtang North	3
12	Ndem LEA	Langtang North	3
13	LEA Wereh	Barkin Ladi	3
14	St. Pilips G/Ropp	Barkin Ladi	3
15	Butura Company	Bokkos	3
16	LEA Gada	Jos East	3
17	Ecwa Miango	Bassa	3
18	Fuskar Mata	Bassa	3
19	LEA Hurti	Bokkos	3
20	Gwong LEA	Jos North	3
21	Gar Primary School	Kanam	3
22	Gyangyang LEA	Kanke	3
23	Maggai LEA	Langtang North	3
24	Kwansan LEA	Shendam	3
25	Aningo LEA	Qua'an Pan	3
26	Kadyis LEA	Pankshin	3
27	LEA Tashek	Riyom	3
28	Gol-Hoss LEA	Riyom	3
29	LEA Tim	Qua'an Pan	3
30	LEA Maijuju	Jos East	3
31	Central School Kamwai	Bokkos	3
32	Binchi LEA	Bassa	3
33	Lamingo LEA	Jos North	3
34	Bolkon LEA	Kanke	3
35	Sharam LEA	Kanke	3
36	LEA Milet	Mangu	3
37	Ekan Garkawa	Mikang	3
38	Ang. Mallam Adama	Wase	3
39	Pilot Central Bashar	Wase	3
40	Laraba LEA	Shendam	3
41	LEA Gilling	Pankshin	3
42	LEA Kopfogom	Qua'an Pan	3
43	LEA Dungye	Pankshin	3
44	Russau LEA	Jos North	3
45	Ekan Zawan	Jos South	3
46	Kingyel LEA	Kanam	3
47	Kombuli LEA	Mangu	3
48	LEA Kwang	Jos South	3
49	LEA Kanadap	Jos South	3
50	Pilot Lamba	Wase	3
		Total	150

G D M
D. N. Dodo

ANNEX 3 Necessary Criteria for the Site Selection

① Urgency and necessity for the construction of Primary School have to be identified.

② Sufficient number of teachers, staff and funds shall be secured by the responsible authority to maintain the school properly.

③ Accessibility to the project site has to be taken into consideration.

④ The lands for the project site have to be secured by public authority.

⑤ Sufficient size of the land for construction have to be secured.

⑥ Topography and shape of the site shall be appropriate for the construction.

⑦ The sites where school construction or similar projects are planned either by the National/State/Local Government, NGOs, or other donors have to be eliminated from consideration.

⑧ Safety condition in the project site have to be secured.

GDM

ANNEX 4 The Japan's Grant Aid Scheme

The Grant Aid Program provides a recipient country with non-reimbursable funds to procure the facilities, equipment and services (engineering services and transportation of the products, etc.) for economic and social development of the country under principles in accordance with the relevant laws and regulations of Japan. Grant Aid is not supplied through the donation of materials as such.

(1) Grant Aid Procedure

1) Japan's Grant Aid Program is executed through the following procedures.

Application (Request made by a recipient country)
Study (Basic Design Study conducted by JICA)
Appraisal & Approval
(Appraisal by the Government of Japan and Approval by Cabinet)
Determination of Implementation
(The Notes exchanged between the Governments of Japan and the recipient country)

2) Firstly, the application or request for a Grant Aid project submitted by a recipient country is examined by the Government of Japan (Ministry of Foreign Affairs) to determine whether or not it is eligible for Grant Aid. If the request is deemed appropriate, the Government of Japan assigns JICA to conduct a study on the request. If necessary, JICA send a Preliminary Study Mission to the recipient country to confirm the contents of the request.

Secondly, JICA conducts the study (Basic Design Study), using Japanese consulting firms.

Thirdly, the Government of Japan appraises the project to see whether or not it is suitable for Japan's Grant Aid Programme, based on the Basic Design Study report prepared by JICA, and the results are then submitted to the Cabinet for approval.

Fourthly, the project, once approved by the Cabinet, becomes official with the Exchange of Notes signed by the Governments of Japan and the recipient country.

Finally, for the implementation of the project, JICA assists the recipient country in such matters as preparing tenders, contracts and so on.

(2) Basic Design Study

1) Contents of the Study

The aim of the Basic Design Study (hereinafter referred to as "the Study"), conducted by JICA on a requested project (hereinafter referred to as "the Project"), is to provide a basic document necessary for the appraisal of the Project by the Government of Japan. The contents of the Study are as follows:

a) confirmation of the background, objectives and benefits of the Project and also institutional capacity of agencies concerned of the recipient country necessary for the Project's implementation;
b) evaluation of the appropriateness of the Project to be implemented under the Grant Aid Scheme from the technical, social and economic points of view;
c) confirmation of items agreed on by both parties concerning the basic concept of the Project;
d) preparation of a basic design of the Project; and
e) estimation of costs of the Project.

The contents of the original request are not necessarily approved in their initial form as the contents of the Grant Aid project. The Basic Design of the Project is confirmed considering the guidelines of Japan's Grant Aid Scheme.

GDM
D.N. Dodo

The Government of Japan requests the Government of the recipient country to take whatever measures are necessary to ensure its self-reliance in the implementation of the Project. Such measures must be guaranteed even through they may fall outside of the jurisdiction of the organization in the recipient country actually implementing the Project. Therefore, the implementation of the Project is confirmed by all relevant organizations of the recipient country through the Minutes of Discussions.

2) Selection of Consultants

For the smooth implementation of the Study, JICA uses a consulting firm selected through its own procedure (competitive proposal). The selected firm participates in the Study and prepares for a report based upon the terms of reference set by JICA.

At the beginning of implementation after the Exchange of Notes, for the services of the Detailed Design and Construction Supervision of the Project, JICA recommends the same consulting firm which participated in the Study to the recipient country in order to maintain the technical consistency.

(3) Japan's Grant Aid Scheme

1) Exchange of Notes (E/N)

Japan's Grant Aid is extended in accordance with the Notes exchanged by the two Governments concerned, in which the objectives of the project, period of execution, conditions and amount of the Grant Aid, etc., are confirmed.

2) "The period of the Grant" means the one fiscal year which the Cabinet approves the project for. Within the fiscal year, all procedure such as exchanging of the Notes, concluding contracts with consulting firms and contractors and final payment to them must be completed.

However, in case of delays in delivery, installation or construction due to unforeseen factors such as weather, the period of the Grant Aid can be further extended for a maximum of one fiscal year at most by mutual agreement between the two Governments.

3) Under the Grant, in principle, Japanese products and services including transport or those of the recipient country are to be purchased.
When the two Governments deem it necessary, the Grant Aid may be used for the purchase of the products or services of a third country.

However, the prime contractors, namely consulting, contracting and procurement firms, are limited to "Japanese nationals". (The term "Japanese nationals" means persons of Japanese nationality or Japanese corporations controlled by persons of Japanese nationality.)

4) Necessity of "Verification"

The Government of the recipient country or its designated authority will conclude contracts denominated in Japanese yen with Japanese nationals. Those contracts shall be verified by the Government of Japan. This "Verification" is deemed necessary to secure accountability to Japanese taxpayers.

5) Undertakings required to the Government of the recipient country

a) to secure land necessary for the sites of the Project and to clear, level and reclaim the land prior to commencement of the construction;
b) to provide facilities for distribution of electricity, water supply and drainage and other incidental facilities in and around the sites;
c) to ensure all expenses and prompt execution for unloading and customs clearance at ports of disembarkation in the recipient country and internal transportation therein of the products purchased under the Grant Aid;

d) to exempt Japanese nationals from customs duties, internal taxes and other fiscal levies which may be imposed in the recipient country with respect to the supply of the products and services under the verified contracts;

e) to accord Japanese nationals whose services may be required in connection with the supply of the products and services under the verified contracts such as facilities as may be necessary for their entry into the recipient country and stay therein for the performance of their work;

6) "Proper Use"

The recipient country is required to operate and maintain the facilities constructed and equipment purchased under the Grant Aid properly and effectively and to assign the necessary staff for operation and maintenance as well as to bear all the expenses other than those covered by the Grant Aid.

7) "Re-export"

The products purchased under the Grant Aid shall not be re-exported from the recipient country.

8) Banking Arrangement (B/A)

a) The Government of the recipient country or its designated authority should open an account in the name of the Government of the recipient country in a bank in Japan (hereinafter referred to as "the Bank"). The Government of Japan will execute the Grant Aid by making payments in Japanese yen to cover the obligations incurred by the Government of the recipient country or its designated authority under the verified contracts.

b) The payments will be made when payment requests are presented by the Bank to the Government of Japan under an Authorization to Pay (A/P) issued by the Government of recipient country or its designated authority.

9) Authorization to Pay (A/P)

The Government of the recipient country should bear an advising commission of an Authorization to Pay and payment commissions to the Bank.

G.D.M

D.N. Dado

ANNEX 5 Necessary Measures Undertakings by Each Government

No	Items	To be covered by Grant Aid	To be covered by Recipient side*
1	To secure land		● S/L
2	To clear, level and reclaim the site when needed		● S/L
3	To construct gates and fences in and around the site		● S/L
4	To construct the parking lot	●	
5	To construct roads		
	1) Within the site	●	
	2) Outside the site		● S/L
6	To construct the building	●	
7	To provide facilities for the distribution of electricity, water supply, drainage and other incidental facilities		
	1) Electricity		
	a. The distributing line to the site		● S
	b. The drop wiring and internal wiring within the site	●	
	c. The main circuit breaker and transformer	●	
	2) Water Supply		
	a. The city water distribution main to the site		● S
	b. The supply system within the site	●	
	3) Drainage, if necessary		
	a. The city drainage main (for storm, sewer and others) to the site		● S
	b. The drainage system (for toilet sewer, ordinary waste, storm drainage and others) within the site	●	
	4) Gas Supply, if necessary		
	a. The city gas main to the site		● S
	b. The gas supply system within the site	●	
	5) Telephone System, if necessary		
	a. The telephone trunk line to the main distribution frame / panel (MDF) of the building		● S/L
	b. The MDF and the extension after the frame / panel	●	
	6) Furniture and Equipment		
	a. General furniture		● S
	b. Project equipment	●	
8	To bear the following commissions to a bank of Japan for the banking services based upon the B/A		
	1) Advising commission of A/P		● F
	2) Payment commission		● F
9	To ensure prompt unloading and customs clearance at the port of disembarkation in recipient country		
	1) Marine(Air) transportation of the products from Japan to the recipient country	●	
	2) Tax exemption and customs clearance of the products at the port of disembarkation		● F
	3) Internal transportation from the port of disembarkation to the project site	(●)	(●) S
10	To accord Japanese nationals whose services may be required in connection with the supply of the products and the services under the verified contract such facilities as may be necessary for their entry into the recipient country and stay therein for the performance of their work		● F
11	To exempt Japanese nationals from customs duties, internal taxes and other fiscal levies which may be imposed in the recipient country with respect to the supply of the products and services under the verified contracts		● F
12	To maintain and use properly and effectively the facilities constructed and equipment provided under the Grant		● S/L
13	To bear all the expenses, other than those to be borne by the Grant, necessary for construction of the facilities as well as for transportation and installation of the equipment		● S

* S/L: SPEB & LGEA, S:SPEB, L:LGEA, F: FME

B, D/M
D. N. Dado

対象地域の自然条件

今回案件の対象３州は、首都アブジャの属するF.C.T.(Federal Capital Territory)の北側に隣接し、西からナイジャー州、カドゥナ州、プラトー州と連なり国土のほぼ中央北側に位置する。地勢はほぼ平坦であるが、西から東に向かって標高が少しづつ高くなっている。各州州都の気象状況は以下のとおりである。

① ミンナ（Minna）、ナイジャー州（標高 262m）

	1月	2月	3月	4月	5月	6月	7月	8月	9月	10月	11月	12月	年
平均気温(℃)	27.5	29.1	30.3	29.7	27.8	26.3	25.2	24.8	25.2	26.1	26.6	26.7	27.1
平均雨量(mm)	1.0	6.2	14.9	57.3	137.6	174.6	208.8	270.1	290.3	136.9	8.8	1.6	1308.6

② カドゥナ（Kaduna）、カドゥナ州（標高 645m）

	1月	2月	3月	4月	5月	6月	7月	8月	9月	10月	11月	12月	年
平均気温(℃)	22.7	25.2	29.3	29.3	27.7	26.1	24.8	24.2	25.2	26.7	26.1	23.4	25.9
平均雨量(mm)	0.3	2.2	11.2	66.1	145.7	174.3	214.7	287.7	281.4	74.0	4.4	0.5	1263.2

③ ジョス（Jos）、プラトー州（標高 1295m）

	1月	2月	3月	4月	5月	6月	7月	8月	9月	10月	11月	12月	年
平均気温(℃)	20.6	22.4	24.4	24.3	23.0	21.9	20.3	20.1	21.1	22.0	21.7	20.4	21.8
平均雨量(mm)	1.9	2.7	22.5	96.5	186.7	216.4	321.1	285.5	223.7	51.1	2.8	1.5	1413.2

（出典：World Climate）

平均気温については、ジョス市は標高が高いため他の２市よりかなり低くなっているが、全体的にはかなり高い気温といえる。しかも年間を通してあまり大きな変動がみられない。雨量については雨期、乾期がはっきりしており、４月から10月までが雨期で、11月から３月までが乾期となっている。主風向については、４月から10月までの雨期の間は大西洋からの南西の湿った海風が、また11月から３月までの乾期の間はハマターンと呼ばれる砂漠からの乾いた北東風が一般的である。

UNIVERSAL BASIC EDUCATION, ABUJA

STATISTICS ON SCHOOLS AND CLASSROOMS, 2000

S/NO.	STATE	NO. OF LGA	NO. OF SCHOOL	AVAILABLE CLASSROOM	CLASSROOM CONDITION		
					GOOD	BAD	ADDITIONAL
1	ABIA	17	1,103	8,317	1,452	6,865	8,809
2	ADAMAWA	21	1,315	7,465	2,206	5,259	15,671
3	AKWA IBOM	31	1,086	14,932	4,794	10,138	19,473
4	ANAMBRA	21	935	10,042	3,546	6,496	8,619
5	BAUCHI	20	1,147	4,776	1,379	3,397	11,921
6	BAYELSA	8	496	4,238	1,380	2,858	12,992
7	BENUE	23	2,363	11,178	3,736	7,442	25,934
8	BORNO	27	1,215	3,957	1,170	2,787	11,456
9	CROSS RIVER	18	807	2,875	1,029	1,846	4,886
10	DELTA	25	1,015	10,080	4,181	5,899	12,571
11	EBONYI	13	754	7,152	1,587	5,565	9,770
12	EDO	18	1,013	11,270	4,243	7,027	19,945
13	EKITI	16	631	10,635	3,421	7,214	25,501
14	ENUGU	17	984	10,985	2,029	8,956	10,923
15	GOMBE	11	783	1,804	928	876	15,470
16	IMO	27	1,220	12,984	4,906	8,078	12,868
17	JIGAWA	27	1,489	8,554	5,798	2,756	8,907
18	KADUNA	23	1,640	7,654	2,662	4,992	23,617
19	KANO	44	2,270	14,809	12,614	2,195	11,609
20	KATSINA	34	1,797	5,679	3,495	2,184	11,149
21	KEBBI	21	992	3,880	1,277	2,603	6,443
22	KOGI	21	1,562	8,077	1,955	6,122	19,059
23	KWARA	16	1,073	6,843	3,802	3,041	7,597
24	LAGOS	20	920	18,803	7,710	11,093	92,159
25	NASARAWA	13	981	3,816	732	3,084	7,941
26	NIGER	25	1,437	6,325	2,925	3,400	7,461
27	OGUN	20	1,309	9,804	3,494	6,310	7,372
28	ONDO	18	1,129	11,041	2,695	8,346	8,979
29	OSUN	30	1,209	11,930	5,276	6,654	9,331
30	OYO	33	1,653	12,613	3,533	9,080	20,861
31	PLATEAU	17	1,534	889	364	525	1,344
32	RIVERS	23	1,027	7,089	2,091	4,998	10,654
33	SOKOTO	23	2,088	9,401	2,117	7,284	26,786
34	TARABA	16	1,426	4,441	1,531	2,910	16,335
35	YOBE	17	777	3,494	1,625	1,869	7,466
36	ZAMFARA	14	831	3,362	1,187	2,175	4,395
37	FCT ABUJA	6	281	1,819	1,056	763	2,760
	TOTAL	**774**	**44,292**	**293,013**	**109,926**	**183,087**	**539,034**

	ナイジェリア連邦共和国
	Federal Republic of Nigeria

一般指標					
政体	連邦共和制（大統領制）	*1	首都	アブジャ（Abuja）	*2
元首	大統領／オルセグン・オバサンジョ（Olusegun OBASANJO）	*1,3	主要都市名	ラゴス、イバダン、オグボモショ	*3
			労働力総計	50,307千人 （2000年）	*6
独立年月日	1960年10月1日	*3,4	義務教育年数	6年間 （ 年）	*13
主要民族／部族名	ﾊｳｻﾞ族及びﾌﾗﾆ族27%、ｲﾎﾞ族17%等	*1,3	初等教育就学率	% （1998年）	*6
主要言語	英語、ハウサ語、ヨルバ語、イボ語	*1,3	中等教育就学率	% （1998年）	*6
宗教	ｲｽﾗﾑ教48%、ｷﾘｽﾄ教35%、土俗宗教17%	*1,3	成人非識字率	36.1 % （2000年）	*6
国連加盟年	1960年10月7日	*12	人口密度	139.34人/km2 （2000年）	*6
世銀加盟年	1961年3月30日	*7	人口増加率	2.9 % （1980-2000年）	*6
IMF加盟年	1961年3月30日	*7	平均寿命	平均 51.70 男 51.50 女 51.90	*10
国土面積	923.00千km2	*1,6	5歳児未満死亡率	153/1000 （2000年）	*6
総人口	126,910千人 （2000年）	*6	カロリー供給量	2,850.1 cal/日/人 （2000年）	*17

経済指標					
通貨単位	ナイラ(Naira)	*3	貿易量	（1999年）	
為替レート	1 US $ = 127.16 （2002年 12月）	*8	商品輸出	12,876 百万ドル	*15
会計年度	Dec. 31	*6	商品輸入	-8,588 百万ドル	*15
国家予算	（ 年）		輸入カバー率	（月） （2000年）	*14
歳入総額		*9	主要輸出品目	原油	*1
歳出総額		*9	主要輸入品目	工業製品、機械・輸送機器、化学製品	*1
総合収支	-3,538 百万ドル （1999年）	*15	日本への輸出	276百万ドル （2001年）	*16
ODA受取額	184.8 百万ドル （2000年）	*19	日本からの輸入	444百万ドル （2001年）	*16
国内総生産(GDP)	41,084.58 百万ドル （2000年）	*6			
一人当たりのGNI	260.0 ドル （2000年）	*6	総国際準備	80.3 百万ドル （2000年）	*6
分野別GDP	農業 29.5 % （2000年）	*6	対外債務残高	34,134.3 百万ドル （2000年）	*6
	鉱工業 46.0 % （2000年）	*6	対外債務返済率(DSR)	4.3 % （2000年）	*6
	ｻｰﾋﾞｽ業 24.5 % （2000年）	*6	インフレ率（消費者価格物価上昇率）	32.5 % （1990-2000年）	*6
産業別雇用	農業 男 % 女 % (1998-2000年)	*6			
	鉱工業 % % (1998-2000年)	*6			
	ｻｰﾋﾞｽ業 % % (1998-2000年)	*6	国家開発計画	ﾋﾞｼﾞｮﾝ2010(1996-),経済成長と開発のための枠組み(2003-07),経済政策	*11
実質GDP成長率	2.4% (1990-2000年)	*6			

気象 （1961年～1977年平均） 観測地：ラゴス（北緯6度35分、東経3度20分、標高38m）													*4,5
月	1	2	3	4	5	6	7	8	9	10	11	12	平均/計
降水量	20.1	35.2	95.8	182.8	223.8	361.2	291.4	92.1	168.5	147.7	57.9	12.3	1688.8 mm
平均気温	26.9	28.2	28.2	27.1	27.1	25.7	24.9	24.7	25.0	25.8	26.7	27.1	26.5 ℃

*1 各国概況（外務省）
*2 世界の国々一覧表（外務省）
*3 世界年鑑2002（共同通信社）
*4 最新世界各国要覧10訂版（東京書籍）
*5 理科年表2000（国立天文台編）
*6 World Development Indicators2002(WB)
*7 BRD Membership List(WB)
IMF Members' Financial Data by Country(IMF)
*8 Universal Currency Converter
*9 Government Finance Statistics Yearbook 2001 (IMF)
*10 Human Development Report2002(UNDP)
*11 Country Profile(EIU),外務省資料等
*12 United Nations Member States
*13 Statistical Yearbook 1999(UNESCO)
*14 Global Development Finance2002(WB)
*15 International Financial Statistics Yearbook 2002(IMF)
*16 世界各国経済情報ファイル2002(世界経済情報サービス)
*17 FAO Food Balance Sheets 2002年6月 FAO Homepage
注：商品輸入については複式簿記の計上方式を採用しているため支払い額はマイナス標記になる

	ナイジェリア連邦共和国
	Federal Republic of Nigeria

我が国におけるODAの実績　（単位：億円）　＊18

項目＼年度	1996	1997	1998	1999	2000
技術協力	0.52	0.33	0.47	1.27	1.71
無償資金協力			0.86	4.18	21.54
有償資金協力					
総額	0.52	0.33	1.33	5.45	23.25

当該国に対する我が国ODAの実績　（支出純額、単位：百万ドル）　＊18

項目＼暦年	1996	1997	1998	1999	2000
技術協力	1.63	0.64	0.62	1.45	2.37
無償資金協力				0.74	0.26
有償資金協力	-3.68		-11.47		
総額	-2.05	0.64	-10.85	2.19	2.63

OECD 諸国の経済協力実績（ 2000 年）　（支出純額、単位：百万ドル）　＊19

	贈与（1）（無償資金協力・技術協力）	有償資金協力（2）	政府開発援助（ODA）(1)+(2)=(3)	その他政府資金及び民間資金(4)	経済協力総額 (3)+(4)
二国間援助（主要供与国）	81.2	3.1	84.3	-1,884.3	-1,800.0
1. United States	32.5	0.0	32.5	-312.5	-280.0
2. United Kingdom	22.9	0.0	22.9	15.8	38.7
3. Germany	11.3	0.0	11.3	12.5	23.8
6. Japan	2.6	0.0	2.6	-221.8	-219.2
多国間援助（主要援助機関）	48.1	52.1	100.2	-303.8	-203.6
1. IDA			51.0	0.0	51.0
2. UNICEF			18.9	0.0	18.9
その他	0.3	0.0	0.3	0.4	0.7
合計	129.6	55.2	184.8	-2,187.7	-2,002.9

援助受入窓口機関　＊20

技術協力：国家計画委員会
無償　　：国家計画委員会
協力隊　：

＊18　政府開発援助（ODA）国別データブック 2001（国際協力推進協会）
＊19　International Development Statistics（CD-ROM） 2002　OECD
＊20　JICA資料

Sokoto
SOKOTO
Katsina
KATSINA
Birnin-Kebbi
Gusau
JIGAWA
YOBE
BORNO
Kano
Dutse
ZAMFARA
Damaturu
Maiduguri
KEBBI
KANO
Kaduna
BAUCHI
GOMBE
カドゥナ州
ナイジャー州
Bauchi
Gombe
Jos
Minna
ADAMAWA
KWARA
Yola
ABUJA
FCT
プラトー州
Ilorin
Lafia
Jalingo
OYO
NASARAWA
Lokoja
Ado-Ekiti
EKITI
Ibadan
Oshogbo
TARABA
KOGI
Makurdi
OSUN
Akure
BENUE
OGUN
Abeokuta
ONDO
EDO
ENUGU
Ikeja
LAGOS
Benin City
Enugu
ANAMBRA
Abakaliki
Asaba
Awka
EBONYI
DELTA
Owerri
ABIA
CROSS RIVER
IMO
Umuahia
Uyo
Calabar
RIVERS
Yenagoa
AKWA IBOM
BAYELSA
Port Harcourt
0
150 km
調査対象３州

ナイジェリア国 地図