

APPENDIX

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7. References

1 Member of the Study Team

1-1 Basic Design Study Team

1. Leader, Mr. Seiji KAIHO
Deputy Managing Director, Grant Aid Management Department
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6. Procurement Planner & Quantity Surveyor, Mr. Mitsuhiro SHIMADA
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7. Architectural Designer, Mr. Hiroyuki IGUCHI
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8. Structural Designer, Mr. Katsuyuki SUZUKI
Matsuda Consultants International Co., Ltd.
9. Site Condition Surveyor, Ms. Sanae TOCHINO
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1-2 Basic Design Study Draft Report Explanation Team

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3. Procurement Planner & Quantity Surveyor, Mr. Mitsuhiro SHIMADA
Matsuda Consultants International Co., Ltd.
4. Site Condition Surveyor, Ms. Sanae TOCHINO
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1-3 Basic Design Study Final Draft Report Explanation Team

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3. Procurement Planner & Quantity Surveyor, Mr. Mitsuhiro SHIMADA
Matsuda Consultants International Co., Ltd..

2 Study Schedule

2-1 Basic Design Study

			Officials		Consultants						
			Team Leader	Project Coordinator	Chief Consultant	Educational Planner	Construction Planner	Procurement Planner	Site Condition Surveyor	Architectural Design	Structural Design
			Kaiho	Fujiwara	Shishido	Moriya	Kikuchi	Shimada	Tochino	Iguchi	Suzuki
1	6-Jul	S		Tokyo Singapore (SQ997)							
2	7-Jul	S	Tokyo Hong Kong Hong Kong	Singapore Johannesburg Pretoria (by road 58km)							
3	8-Jul	M	JNB								
			Courtesy Visit to EOJ, Courtesy Visit to JICA, Courtesy Visit to DOE (Inception/Questionnaire/Study Schedule)								
				Pretoria Polokwane (by road 261km)							
4	9-Jul	T	Discussion with Tresury Discussion with Foreign Affai	Discussion with LDE 1 (Inception/Schedule)(Questionnaire)(Trial Construction: LDE's correspondence) Discussion with LDE 2 (Objectives of Request: Candidate school for survey/Selection criteria for subject school/Design principal for facilities)							
5	10-Jul	W	Discussion with LDE 3 (Reporting to LDE concerng Trial Construction Matter, Minutes of Discussions) *Site Visitation (Target Schools and other existing school)								
6	11-Jul	T	Discussion with LDE 4 (Contents of Minutes: Candidate Schools) * Signing on Minutes by LDE								
7	12-Jul	F	Polokwane Pretoria (by road 261km) *Signing on Minutes by DOED Report to EOJ and JICA		Adjustment of schedule						
8	13-Jul	S	Johannesburg	Pretoria Polokwane (by road 261km)	Preparatory works						
			Team meeting								
9	14-Jul	S	H K TYO	Team meeting, Data arrangement							
10	15-Jul	M		School site Pretoria	Discussion with LDE 5 (Detailed Survey Schedule & Confirmation of accompany of Counter Part)						
11	16-Jul	T		Johannesburg	Discussion with EMIS (Collecting Educational Data)						
12	17-Jul	W	1	Singapore Tokyo	Site Survey & Community Meeting(Bochum: Rapho P, Konekwena: Rapitsi P, Bakenberg: Tihako P)	Tokyo Singapore (SQ997)					
13	18-Jul	T	2		Site Survey & C-Meeting (Bochum: Sekururwe C, Kodumela P)	Singapore Johannesburg (SQ406) Polokwane (by road)					
					Team meeting, Data arrangement						
					Chief Consultant	Site Condition Surveyor	Architectural Design	Structural Design	Educational Planner	Procurement Planner	Construction Planner
					Shishido	Tochino	Iguchi	Suzuki	Moriya	Shimada	Kikuchi
14	19-Jul	F	3		Site Survey & C-Meeting (Bochum: Mapotla P, Dinoko P, Kgopudi S)						
15	20-Jul	S	4		Site Survey & C-Meeting (Bochum: Makgotho P, Matjeketlane P, Rasekgala S)						
16	21-Jul	S	5		Team meeting, Analyzing data						
17	22-Jul	M	6		Site Survey & C-Meeting (Bochum: Bothanang P, Rapetsoa S, Ngoakwana P)						
18	23-Jul	T	7		Market research(Material Suppliers)						
19	24-Jul	W	8		Site Survey & C-Meeting (Konekwena: Mahlabela S, Rametlwana P, Kgabo P)						
					Market research(Brick Factory)						
20	25-Jul	T	9		Site Survey & C-Meeting (Konekwena: Sefataladi P, Ikageleng M. P, Kwena a Peu S)						
					Market research(Construction Industries)						
					Site Survey & C-Meeting (Konekwena: Sefataladi P, Ikageleng)						
					Pretoria Johannesburg (SQ405)	Market research (Furniture, Sand, Aggregate Clusher Plant)					
21	26-Jul	F	10		Site Survey & C-Meeting (Bakenberg: Kgaubohlale S, Seshoathla S, Nkontlha P)						
					Singapore Tokyo (SQ012)	Hearing from Local Contractors					
22	27-Jul	S	11		Site Survey & C-Meeting (Bakenberg: Kgotsoro P, Kgagathu S, Moroba P)						
23	28-Jul	S	12		Data arrangement						
24	29-Jul	M	13		Team meeting, Analyzing data						
25	30-Jul	T	14		Site Survey & C-Meeting (Bakenberg: Mushi P, Matlou m P, Ntebeleleng P)						
					Discussion with LDE						
26	31-Jul	W	15		Site Survey & C-Meeting (Bakenberg: Nkidikitlana P, Basterpad P, Thutlana P)						
					Hearing from Local Contractors						
					Final Discussion with LDE, Data processing						
					Polokwane Pretoria (by road 261km)						
27	1-Aug	T	16		Interview with Donors concerned						
					Johannesburg (SQ405)						
28	2-Aug	F	17		Report to EOJ, JICA						
					Singapore						
29	3-Aug	S	18		Discussion with DOE						
					Singapore Tokyo (SQ012)						
30	4-Aug	S	19		Johannesburg (SQ405)						
					Data arrangement						
31	5-Aug	M	20		Singapore Singapore Tokyo (SQ012)						
					Analyzing data						
32	6-Aug	T	21								
					Supplement Site Survey (Bochum)						
33	7-Aug	W	22								
					Visitation of construction site by grass roots						
34	8-Aug	T	23		Polokwane Pretoria						
					Collecting data(price list, SABS)						
35	9-Aug	F	24	Women's Day	Roof Factory, Report to JICA						
36	10-Aug	S	25		Data arrangement						
37	11-Aug	S	26		Johannesburg (SQ405)						
					Singapore, Singapore(SQ012) Tokyo						

2-2 Basic Design Study Draft Report Explanation

			Officials	Consultants		
			Project Coordinator	Chief Consultant	Procurement Planner & Quantity Surveyor	Site Condition Surveyor
			Mr. Y. Imamura JICA South Africa Office	Mr. T. Shishido	Mr.M. Shimada	Ms. S. Tochino
1	23-Nov.	S		Tokyo 12:00 Singapore 18:20 (by SQ997)		
2	24-Nov.	S		Singapore 01:35 Johannesburg 07:35 (by SQ406) Johannesburg Pretoria (by road 58km)		
3	25-Nov.	M	Report to JICA SA Office, Embassy of Japan(EOJ) and National Department of Education(DOE) Pretoria Polokwane (by road 261km)			
4	26-Nov.	T	Discussion with Limpopo Department of Education(LDE) (Submission of Draft Report, Study Schedule and Supplement Questionnaire, Explanation of Draft Report) Polokwane Pretoria			
5	27-Nov.	W		Discussion with LDE and Representatives of Education Districts(ED) (Explanation of Contents of Basic Design and Design Policy) Discussion with Public Works (Explanation of Draft Report)		
6	28-Nov.	T		Discussion with Public Works (check back of the draft report) Discussion with Representative of Education Districts(Explanation of site layout plan, RSA scopes)		
7	29-Nov.	F		Visitation of under construction site (Provincial Standard Design)		
8	30-Nov.	S		Re-examination of Site Condition (BC-6, KK-2)		
9	1-Dec.	S		Team meeting and data arrangement		
10	2-Dec.	M		Discussion with LDE (operation cost) Supplement market research related to cost estimation Discussion with Water Affairs (Water supply system)		
11	3-Dec.	T		Discussion with ESKOM (Power supply system) Discussion with Public Works (detailed element of standard design and variations)		
12	4-Dec.	W		Discussion with LDE (Lighting Fixture, Toilet system) Arrangement of Minutes of Discussions Supplement market research related to cost estimation		
13	5-Dec.	T		Discussion with LDE (Arrangement of Minutes of Discussion) Confirmation with JICA concerning contents of minutes		
14	6-Dec.	F	Signing on M/D at JICA office	Collection of data from Public Works and ESKOM		
15	7-Dec.	S		Visitation of Site BC-9 (revised layout)		
16	8-Dec.	S		Polokwane Pretoria (by road 261km)		
17	9-Dec.	M	Reporting to DOE (Minutes of Discussion), JICA RSA office and EOJ DOE (Signing on Minutes of Discussion by DOE)			
18	10-Dec.	T		Supplement market research (Toilet System: Enviro-Loo) Data arrangement		
19	11-Dec.	W		Johannesbrug 14:15		
20	12-Dec.	T		Singapore 06:35 (by SQ405), Singapore 09:45 Tokyo 17:05 (by SQ012)		

2-3 Basic Design Study Final Draft Report Explanation

			Consultants			
			Chief Consultant/Architectural Planner	Construction Industry Survey/Construction Planner & Supervisor	Construction Industry Survey/Procurement Planner & Quantity Surveyor	
			Taizo Shishido	Toshihiko Kikuchi	Mitsuhiro Shimada	
1	1-Feb.	Sat	Tokyo 12:00 Singapore 18:20 (by SQ997)			
2	2-Feb.	Sun	Singapore 01:35 Johannesburg 07:35 (bySQ406) Johannesburg Pretoria (by road 58km)			
3	3-Feb.	Mon	Report to Embassy of Japan(EOJ),JICA RSA Office, and National Department of Education(DOE) Pretoria Polokwane (by road 261km)			
4	4-Feb.	Tue	Discussion with Limpopo Department of Education(LDE) (Explanation of DD Draft Report, Confirmation of RSA side works, Adjustment of Survey Schedule) Joint Discussion with LDE & Public Works (Explanation of Detailed Design Drawings)			
5	5-Feb.	Wed	Discussion with the Authorities (ESKOM, Water Affairs) Discussion with LED (concerning Minutes of Discussions/ Technical No			Supplement Survey for Costing
6	6-Feb.	Thu	Discussion with LED (Signing on Minutes of Discussions/ Technical Notes) Polokwane Pretoria (by road 261km)			
7	7-Feb.	Fri	Report to DOE (Signing on Minutes of Discussions) Report to JICA RSA Office		Supplement Survey for Costing	
8	8-Feb.	Sat	Pretoria Johannesburg (by road 58km) Johannesburg 14:15			
9	9-Feb.	Sun	Singapore 06:35(by SQ405) Singapore 09:45 Tokyo 17:05 (by SQ012)			

3 List of Parties Concerned in the Recipient Country

National Department of Education

Dr. Charles Sheppard Director, Physical Planning

Limpopo Province Department of Education

Ms. H J Mashamba Member of Exective Council (MEC)

Ms. Thoko Shezi Director MEC Office

Prof. R H Nengwekhulu Head of Department (HOD)

Mr. Lefty Maja HOD Special Project Fund Unit: PRP

Mr. Abdul Carim Chief Financial Officer

Mr. M T Maphwanya General Manager DOE

Mr. S J Lediga Acting Senior Manager Logistics

Mr. N.S. Mateta Senior Manager, EMIS

Mr. Fahim Akbar Education Planner/EMIS (USAID)

Mr. Freddy Greaver Public Relations Officer

District Offices

Mr. K T Marishane Deputy Chief Education Specialist Central Region

Ms. N H Maesela Senior Admin Clerk Central Region

Mr. L F Katjedi Senior Admin Clerk Central Region

Mr. Semenya Senior Admin Clerk Western Region

Mr. M F Mothabela Senior Admin Clerk Bochum District

Mr. M P Modiba Chief Admin Clerk Konekwena District

Mr. Phihlela T A Admin Clerk Bakenberg District

Limpopo Province Department of Public Works

Mr. Vincent Mothapo Senior Project Manager

Mr. Themba M. Sithole Control Industrial Technician/Building Maintenance

Limpopo Department of Treasury and Economy/Sightseeing

Ms. Modile Boshielo Director, Information Management

Mr. L.T. Sigama Survey Statistician, Information Management

Limpopo Department of Water Affairs and Forestry

Mr. B. Badenhorst Chief Engineer/Water Reserve Planning

□ Schools/Communities

BOCHUM District

【 Dinoko Primary School 】

Ms. Ramutla M. B.
Ms. Chokoe K.
Ms. Raphadu M. M. Vice
Ms. Ngoatje D. Y.
Ms. Molamo J.

Principal, Dinoko PS
M.Educator, Dinoko PS
Secretary, Dinoko PS
Treasure, Dinoko PS
Chairperson, SGB of Dinoko PS

【 Kgopudi Secondary School 】

Mr. Makgalo M. C.
Mrs. Maboya M. C.
Mr. Moremi Doreen
Mr. Marokhu R.
Ms. Thokolo M. F.

Principal, Kgopudi SS
Educator'S Rep., kgopudi SS
Learner'S Rep., Kgopudi SS
Chairperson, SGB of Kgopudi SS
SGB, Kgopudi SS

【 Makgotlho Primary School 】

Mr. Diala S. P.
Mr. Morata M. C.
Mr. Lamola M. R.
Mr. J. Hako Rep.
Mr. Molomo R. A.

Principal, Mokgotlho PS
Educator, Mokgotlho PS
Secretary, SGB of Mokgotlho PS
Chief
Regional Office

【 Mapotla Primary School 】

Mrs. MV Teffo
Ms. Manamera
Mr. Mouyebodi M. P.
Mr. P. Mosebedi

Principal, Mapotla PS
Educator, Mapotla PS
Secretary, Mapotla PS
Chairperson, Mapotla PS

【 Matjeketlane Primary School 】

Mr. Makhura M. J.
Ms. Mapunya K. A.
Mr. Dale Joseas
Ms. Molalare O.
Ms. Maria Thamaga

Principal, Matjeketlane PS
Educator, Matjeketlane PS
Chairperson, SGB
SGB, Matjeketlane PS
Conucilor (Bloybeugmanyclpgl)

【 Rapetsoa Secondary School 】

Ms. Kganakga T. J.
Ms. Choshi M. R.
Ms. Phineus Kgatla
Ms. M. R. Moropo
Ms. Matsobane C.

Principal, Rapetsoa SS
Sub Principal, Rapetsoa SS
SGB, Rapetsoa SS
Treasure, SGB of Rapetsoa SS
Community Member

【 Rasekagla Secondary School 】

Ms. Masehela B. M.
Mr. Malele M. M.
Ms. Nteta M. W.
Mrs. Poyuna Maleboho
Ms. Marw Thamaga

Principal, Rasekagla SS
SMT Member , Rasekagla SS
Secretary, SGB of Rasekagla SS
Treasure, SGB of Rasekagla SS
Councilor Bloybergmanuipaltes

【 Rapoho Primary School 】

Manthata M. H.
Mr. Sefolo M. S.
Ms. Mohlaka T. W.
Ms. Popela J. P.
Mr. Mailula M.

Principal, Rapoho PS
HOD, Rapoho PS
Educator, Rapoho PS (SGB)
SGB, Rapoho PS
Educator, Rapoho PS (SMT)

【 Kodumela Primary School 】

Mr. Mokoka M. C.	Principal, Kodumela PS
Mr. Albert Mobo	Chairperson, SGB of Kodumela PS
Ms. Francinah Kubjana	Secretary, SGB of Kodumela PS
Mr. Seyas Wauakala	SGB, Kodumela PS
Mr. Serokolo M. E.	SGB, Kodumela PS
Ms. A. Seakameea	SGB, Kodumela PS
Ms. Sebone M. A.	SMT, Kodumela PS
【 Bothanang Primary School 】	
Mr. Seboa R. M.	Chairperson, Sanco Bochum
Ms. Marhura M. T.	Vice Chairperson, Sanco Bochum
Mr. Ngoepe H. A.	Tresure, Sanco Bochum Town
【 Sekururwe Combined School 】	
Mr. Seemela K. D.	Educator, Sekururwe CS
Mr. Ueboho K. D.	Tresure, Sekururwe CS
Ms. Dlkoana A. S. C.	SGB, Sekururwe CS
Mr. Obed Ramerthela	SGB, Sekururwe CS
Mr. Mashala S. N.	Parent, Sekururwe CS
KONEKWENA District	
【 Kwena A Peu Secondary School 】	
Ms. Seema R. M.	Principal, Kwena A Peu SS
Ms. Keetse Onicca	SGB, Kwena A Peu SS
Mr. Stephety Bosii	SGB, Kwena A Peu SS
Ms. Lyolia Chotoe	Chairperson, SGB of Kwena A Peu
Ms. Moloto R. M.	SMT, Kwena A Peu SS
【 Rametlwana Primary School 】	
Moloto J. K. Deputy Head	
Kaka N. M.	SGB, Rametlwana PS
Ramakgaphoha M.	E.Educator, Rametlwana PS
Mothata D. M.	HOD, Rametlwana PS
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【 Alapha Secondary School 】	
Raboshakga H. M.	Principal, Alapha SS
Mr. Mothemela M. F. Educator, Alapha SS	
Mr. Maekela P. S.	Educator, Alapha SS
Mr. Mesobetha	SGB, Alapha SS
【 Mahlabela Scondary School 】	
Mr. Dibete M. S.	Principal, Mahlabela SS
Mr. Mojaha P. S.	Managemen Team, Mahlabela SS
Mr. Mabasa M. J.	SGB, Mahlabela SS
Mr. Sdly Nyoepe	Councilor
Ms. Refinah Meso	Parent, Mahlabela SS
Ms. France Matlala	Headman, Rametloar
【 Ikageleng Primary School 】	
Ms. Mphasha Deborah	Educator, Ikageleng PS
Ms. Khalo Elsie	Educator, Ikageleng PS
Mr. Rangata M. M.	Chairperson, SGB of Ikageleng PS
Mr. Setati Jacob	SGB, Ikageleng PS
Ms. Matome Tnyphin	SGB, Ikageleng PS
Mr. Leepile Theephilers	Community leader
【 Pula Seopa Secondary School 】	
Mr. Mabotha Kvena	Principal, Pula Seopa SS

Mr. Mashita A. C.	Acting HOD, Pula Seopa SS
Mr. Patrick Moaiyelo	SGB, Pula Seopa SS
Mr. Malesela Teffo	Ward Councilor
Ms. Zalthiel Sedpa	Chief
Ms. Nareelias Mashilo	Ward Committee
Ms. Mirriam macheke	Building Committee
【 Sefataladi Primary School 】	
Ms. L. U. MakgoathaPrincipal, Sefataladi PS	
Ms. Mathapo M. F.	Chairperson, Sefataladi PS
Ms. Moloto L. F.	Vice Secretary, Sefataladi PS
Ms. Phago S. P.	Educator, Sefataladi PS
Ms. Laka K. J.	SGB, Sefataladi PS
Ms. Manamela M. Z.	SGB, Sefataladi PS
Mr. Mokgotho M. S.	Parent, Ramoshoane
Mr. M. F. Mathapo	Chairperson, SGB of Ramoshoane
Mrs. L. F. meloto	SGB, Ramoshoane
Ms. M. A. Matlou	SGB, Phokele Selentary
Mr. M. A. Seaodi	Councilor, Auauang
【 Tlou Secondary School 】	
Ms. R. M. Magofoa	Principal, Tlou SS
Mr. Koka M. M.	Educator, Tlou SS
Mr. Mashiachidi N. P.	SGB, Tlou SS
Ms. Mpae Elias	Headman
【 Rapitsi Primary School 】	
Mr. M. A. MamaboloPrincipal, Rapitisi P	
Ms. M. M. Mpyana	Administrative WK
Mr. M. F. Mabotja	HOD, Rapitisi PS
Mr. C. J. Phaho	Chairperson, SGB of Rapitisi PS
Mr. M. J. ManamelaS	GB, Rapitisi PS
【 Kgabo Park Primary School 】	
Mr. Ngoetjana K. P.	Principal, Kgabo Park PS
Ms. Ntsewa N. F.	Educator, Kgabo Park PS
Ms. Kgopyane C. M.	SGB, Kgabo Park PS
Mr. Mnamela C. J.	SGB, Asanans Manucjpali
Mr. Mailula T. P.	Community Member
Ms. Nyogae R. S.	Councilor
BAKENBERG District	
【 Basterpad Primary School 】	
Mr. Bob Mmola	Mayor Mogalakwena
Mr. Matloa W. T.	Journalist
Ms. Jairus Lebelo	Ward Councilor
Mr. Mogafa judan	Community Member
【 Kgakgathu Secondary School 】	
Ms. Masipa Martinus	Principal, Kgakgathu SS
Ms. Mmatlwa Makuabo	Educator, kgakgathu SS
Mr. Matsoku Rachel	Educator, kgakgathu SS
Ms. Mashiane RebeccaSecretary, Kgakgathu SS (SGB)	
Ms. M. T. Mondane	Headman
【 Kgaubohlale Scondary School 】	
Mr. Shai Samiel	Educator, Kgaubohlale SS
Mr. Mautla S. L.	Chairperson, SGB of Kgaubohlale

Ms. Mabusela Maria	Deputy Chairperson,
Ms. R. R. Mahlobogoane	Secretary, SGB of Kgaubohlale SS
Ms. Mathiaaegoae M. S.	Treasure, SGB of Kgaubohlale SS
Mr. Rim Rmatjila	SGB, Kgaubohlale SS
【 Kgotsro Primary School 】	
Mr. Moabelo	Principal, Kgotsro PS
Mr. Chokoe	Educator, Kgotsro PS
Mr. Mafodi Chairperson, SGB of Kgotsro PS	
Mr. Ngoepe	SGB, Kgotsro PS
Mr. Malebana Andries	Parent, Kgotsro PS
【 Matlou Memorial Primary School 】	
Mr. Manaka M. T.	Principal, Matlou Memorial PS
Mr. Kobe M. T.	Educator, Matlou Memorial PS
Tihong Gladjs	SGB, Matlou Memorial PS
Makgae Salome	Treasure, SGB
Ms. Mohlaice M. L.	Secretary, SGB
【 Moroba Primary School 】	
Mr. Matlala Victor	Community Member
Mr. Setati Saleios	Community Member
Mr. Ngobeni Frans	Community Member
【 Mushi Primary School 】	
MS. Mushi R. F.	Principal, Mushi PS (ACT.)
Ms. Maboka A. C.	Educator, Mushi PS
Ms. R. J. Selolo	SGB, Mushi PS
Ms. Motebele N. J.	Principal, Moshamaite SS
【 Nkidikitlana Primary School 】	
Mr. Lebodine	Principal, Nkidikitlana PS
Ms. Nulson L. M.	Educator, Nkidikitlana PS
Ms. Bambo Peter	SGB, Nkidikitlana PS
Ms. Bambo M. J.	HOD, Nkidikitlana PS
Mr. Ledwaba M. S.Chief	
【 Nkontlha Primary School 】	
Ms. Modise R. H.	Principal, Nkontlha PS
Mr. Khwinana M. L.	Acting HOD, Nkontlha PS
Ms. Tselana R. M.	Chairperson, SGB of Nkontlha PS
Mr. Lebelo L. J.	Ward Councilor
Mr. Seletela M. S.	Secretary of Tribal Authority
【 Ntebeleleng Primary School 】	
Ms. Rammutla M. J.	Principal, Ntebeleleng PS
Ms. Mdsetlha R. J.	Educator, Ntebeleleng PS
MS. Moeli E. M.	SGB, Ntebeleleng PS
Ms. Moremi S.	SGB, Ntebeleleng PS
【 Thutlane Primary School 】	
M. M. Mabusela	Principal, Thutlane PS
Ms. Khotsa M. E.	Educator, Thutlane PS
Mr. Langa M. M.	Educator, Thutlane PS (SGB)
Phala M. V.	HOD, Thutlane PS
Mr. H. Pngobene	Chairperson, Thutlane PS
【 Tlhako Primary School 】	
Ms. Ngoasheng B.	P.Principal, Tlhako PS
Mr. Madibn M. J.	Educator, Tlhako PS

**Ms. Francina Molefe
Mr. Kgaihi M. E.
Mr. Ramaru M. A.**

**SGB, Tlhako PS
Educator, Mpadi SS
Ward Committee**

【 Seshoatlha Secondary School 】

**Mr. Motlhake R. A.
Mr. Mopyeici M. J.
Rakgotho P. G.
Ms. Rakgotho S.**

**Principal, Seshoatlha SS
Educator / Secretary, SGB
Treasure, SGB of Seshoatlha SS
Chairperson, SGB of Seshoatlha SS**

USAID/South Africa

Ms. Sharon A. Harpring

Team Leader, Basic Education

Mr. Sibusiso Sithole

Expert, Basic Education

Embassy of Japan

Mr. Osam IMAI

Minister, Deputy Head of Mission

Mr. Keiichi MATSUI

First Secretary

JICA South Africa Office

Mr. Yoshiyuki TAKAHASHI

Former Resident Representative

Mr. Hiroshi MURAKAMI

Resident Representative

Mr. Yoshihiro IMAMURA

Assistant Resident Representative

Mr. Koji JITSUKAWA

Assistant Resident Representative

MINUTES OF DISCUSSIONS
ON THE BASIC DESIGN STUDY
ON THE PROJECT FOR CONSTRUCTION OF
PRIMARY AND SECONDARY SCHOOLS
IN LIMPOPO PROVINCE
IN THE REPUBLIC OF SOUTH AFRICA

In response to a request from the Government of the Republic of South Africa (hereinafter referred to as "South Africa"), the Government of Japan decided to conduct a Basic Design Study on the Project for Construction of Primary and Secondary Schools in Limpopo Province (hereinafter referred to as "the Project") and entrusted the study to the Japan International Cooperation Agency (hereinafter referred to as "JICA").

JICA sent to South Africa the Basic Design Study Team (hereinafter referred to as "the Team"), headed by Mr. KAIHO Seiji, Deputy Managing Director, Grant Aid Management Department, JICA. The team is scheduled to stay in the country from July 7, 2002 to August 11, 2002.

The Team held a series of discussions on the Project with the officials concerned with the National Department of Education (hereinafter referred to as "DOE") and Department of Education in Limpopo Province (hereinafter referred to as "LDE"), and conducted a field survey at the study area.

In the course of discussions and field survey, both parties confirmed the main items described on the attached sheets. The Team will proceed to further works and prepare the Basic Design Study Report.

Polokwane, July 11, 2002



Kaiho Seiji
Leader
Basic Design Study Team
Japan International Cooperation Agency



Prof. R. H. Nengwekhulu
Head of Department
Department of Education
Limpopo Province



Dr. Charles Sheppard
Director of Physical Planning
National Department of Education
The Republic of South Africa

ATTACHMENT

1. Objective of the Project

The objective of the Project is to improve the physical educational environment of primary and secondary schools in Limpopo Province through the construction of school buildings.

2. Project Sites

The sites of the Project are located in Bochum, Konekwena and Bakenberg Districts of Limpopo Province.

3. Responsible and Implementing Organizations

- 3-1. The Responsible Organization is DOE.
- 3-2. The Implementing Organization is the LDE.
- 3-3. The organization chart of LDE is attached as ANNEX 1.

4. Items requested by the Government of South Africa

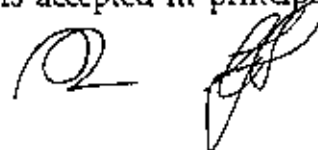
After discussions with the Team, the items described in ANNEX 2 were finally requested by the South African side. JICA will assess the appropriateness of the request and will recommend the findings to the Government of Japan for approval. The candidate sites should be surveyed and examined in accordance with the criteria attached as ANNEX 3.

5. Japan's Grant Aid Scheme

- 5-1. The South African side understood Japan's Grant Aid Scheme explained by the Team, as described in ANNEX 4.
- 5-2. The South African side will take the necessary measures, as described in ANNEX 5, for the smooth implementation of the Project, on condition that the Japan's Grant Aid is extended to the Project.

6. Schedule of the Study

- 6-1. The consultant team will stay in South Africa until August 11, 2002 to conduct further studies.
- 6-2. JICA will prepare the first draft report in English and dispatch a mission in order to explain its contents, around December, 2002.
- 6-3. Based on the results of discussions of the first draft report, JICA will proceed to further examination of the study results in Japan until January, 2003.
- 6-4. JICA will prepare the final draft report in English and dispatch a mission in order to explain its contents around February, 2003.
- 6-5. In case that the contents of the final draft report is accepted in principle by the



South African side, JICA will complete the final report and send it to the South African side by around April, 2003

7. Other Relevant Issues

7-1. Project Title

Both sides agreed that the Project title should be "THE PROJECT FOR CONSTRUCTION OF PRIMARY AND SECONDARY SCHOOLS IN LIMPOPO PROVINCE".

7-2. Phase of the Study

This basic design study is divided into two phases. The first phase is to prepare the first draft report of the study through site surveys. The second phase is to conduct a detailed design level study and to prepare the final report including drawings of the facilities.

7-3. Use of the results of detailed design level study

The Team explained that the South African side should review the result of the Basic Design Study which is the detailed design level study, by using a consultant in the implementation stage (in case the project is approved by Japanese cabinet) and not claim any responsibility to the Japanese Government or JICA in this matter.

7-4. Number of schools and classrooms

Both sides agreed that the total number of the requested schools, classrooms and other components might not be fully covered by the project according to the assessment of needs for each school.

7-5. Design criteria on the facility

Both sides agreed that the school buildings in the implementation stage (in case the project is approved by the Japanese cabinet) should principally follow the Limpopo standard. The Limpopo standard, however, may be modified in the Project as a result of the basic design study, based on the discussions between both sides.

7-6. Land Ownership document

The South African side agreed to provide the Team with necessary information to confirm the land ownership for the construction sites by August 8, 2002.

7-7. Allocation of teachers and management staff

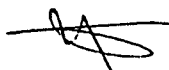
The South African side agreed to allocate sufficient number of teachers and management staff for the schools to be constructed by the completion of construction works.

7-8. Operation and maintenance

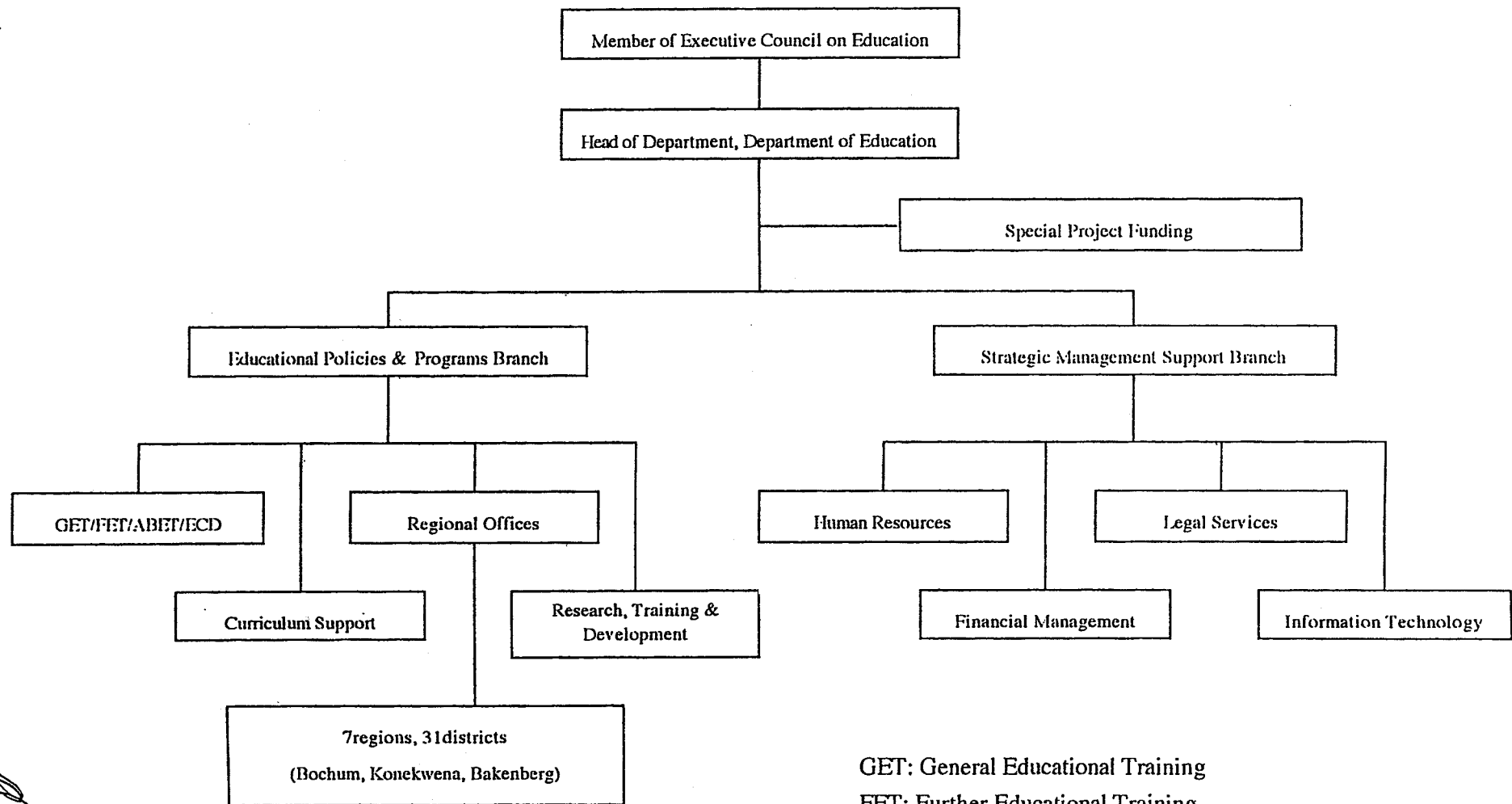
The South African side agreed to allocate necessary budget for the proper operation and maintenance of facilities and equipment covered by the Project.

7-9. Trial Construction

Both sides agreed that the trial construction would not be adopted due to too many clarifications on the legal procedure involved within the timeframe of the Study.



ANNEX 1: The organization chart of the Department of Education, Limpopo Province



GET: General Educational Training
 FET: Further Educational Training
 ABET: Adult Basic Education Training
 ECD: Early Childhood Development

ANNEX 2: Major items requested by the South African side

The following sites are listed by the South African Side as candidates for the school construction.

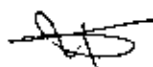
- Bochum district
 1. Dinoko Primary
 2. Kgopudi Secondary
 3. Makgotlho Primary
 4. Mapotla Primary
 5. Matjeketlane Primary
 6. Ngoakwana Primary
 7. Rapetsoa Secondary
 8. Rasekgala Secondary
 9. Rapoho Primary
 10. Kodumela Primary
 11. Bochum Primary (New Establishment)
 12. Sekururwe Combined
- Kone-Kwena district
 13. Kwena A Peu Secondary
 14. Rametlwana Primary
 15. Alapha Secondary
 16. Mahlabela Secondary
 17. Ikageleng Makobe Primary
 18. Pula Seopa Primary
 19. Sefataladi Primary
 20. Tlou Secondary
 21. Rapitsi Primary
 22. Kgabo Park Primary (Registered New School)
- Bakenberg district
 23. Basterpad Primary
 24. Kgakgathu Secondary
 25. Kgaubohlale Secondary
 26. Kgotsoro Primary
 27. Matlou Memorial Primary
 28. Moroba Primary
 29. Mushi Primary
 30. Nkidikitlana Primary
 31. Nkontlha Primary
 32. Ntebeleleng Primary
 33. Thutlane Primary
 34. Tlhako Primary
 35. Seshoatlha Secondary

ANNEX 3: Selection Criteria for Schools/Sites covered by the Project

- a) The subject site shall be selected out of requested sites/schools based on the result of the field survey and the post-study analysis in Japan to maximize the effect to the Project objectives.
- b) The following criteria are adopted for the selection of the subject sites/schools for cooperation under the Project.
 - ① There shall be sufficient population of the target ages in the target area (community).
 - ② Sufficient provision of teachers, staff and funds to the school shall be secured by the authority to run and maintain the school properly.
 - ③ A proper access road must be available to allow transportation of construction materials and equipment to the site.
 - ④ The legal land rights for using the site for the Project are clearly established by the authority.
 - ⑤ The site is of sufficient size for the envisaged facilities.
 - 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/ Provincial government, NGOs, or other donors will be eliminated from consideration.
- c) Concerning sites that satisfy the above conditions, order of priority shall be applied according the following criteria :
 - ① Priority will be given to the sites, which urgently require reconstruction due to the deterioration and/or damage of the existing buildings.
 - ② Priority will be given to the sites which urgently require expansion/ increasing of the number of classrooms due to overcrowding of existing classrooms.
 - ③ In case of new schools, priority will be given to the site where no schools is established in the community, or the overcrowding of schools in the community warrants that, an extension of existing schools is inappropriate due to size of existing schools, distance to them, land availability, etc.
 - ④ Principally, 'overcrowding' shall be evaluated by the (average) number of students per classroom, taking into account the number of unusable/ temporary classrooms and the future increase of students projected.

Contents of facilities to be constructed under the Project

- ① In principle, accommodation of the subject schools for the cooperation shall be aligned with the NQF(National Qualification Framework) phases.
- ② Priority will be given to the cooperation to the GET(General Education and Training) phase, that is, Primary and Secondary phases(G1-G9).
- ③ Contents of facilities to be constructed in the scope of Japanese cooperation are, in principle, classrooms, administration rooms(principal's room, educators' room, store room) and sanitary buildings. South African side shall undertake incidental works not included in Japanese cooperation, such as gate and fencing.
- ④ In case of secondary schools, special rooms(laboratories) might be included in the scope of the cooperation according the result of the field survey and the post-study analysis in Japan.



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.

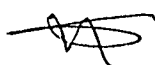
(2) Basic Design Study

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.



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"

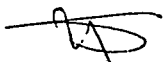
The Government of the recipient country or its designated authority will conclude contracts denominated in Japanese yen with Japanese nationals. Those contracts shall be verified by the Government of Japan. This "Verification" is deemed necessary to secure accountability to Japanese taxpayers.

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.



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		●
2	To clear, level and reclaim the site when needed		●
3	To construct gates and fences in and around the site		●
4	To construct the parking lot	●	
5	To construct roads		
	1) Within the site	●	
	2) Outside the site		●
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		●
	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		●
	b. The supply system within the site	●	
	3) Drainage		
	a. The city drainage main (for storm, sewer and others) to the site		●
	b. The drainage system (for toilet sewer, ordinary waste, storm drainage and others) within the site	●	
	4) Gas Supply		
	a. The city gas main to the site		●
	b. The gas supply system within the site	●	
	5) Telephone System		
	a. The telephone trunk line to the main distribution frame / panel (MDF) of the building		●
	b. The MDF and the extension after the frame / panel	●	
	6) Furniture and Equipment		
	a. General furniture		●
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		●
	2) Payment commission		●
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		●
	3) Internal transportation from the port of disembarkation to the project site	(●)	(●)
10	To accord Japanese nationals whose services may be required in connection with the supply of the products and the services under the verified contact such facilities as may be necessary for their entry into the recipient country and stay therein for the performance of their work		●
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		●
12	To maintain and use properly and effectively the facilities constructed and equipment provided under the Grant		●
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		●

4-2 Basic Design Study Draft Report Explanation

Minutes of Discussions
on the Basic Design Study
on the Project for Construction of Primary and Secondary Schools
In Limpopo Province
In the Republic of South Africa
(Explanation on First Draft Report)

In November 2002, the Japan International Cooperation Agency (hereinafter referred to as "JICA") dispatched a Basic Design Study Team on the Project for Construction of Primary and Secondary Schools in Limpopo Province, (hereinafter referred to as "the Project") to the Republic of South Africa (hereinafter referred to as "South Africa"). Through the discussions, the field surveys, and the technical examination of the results in Japan, JICA prepared a draft report of the study.

In order to explain and to consult the South Africa on the components of the first draft report, JICA sent to the South Africa the Draft Report Explanation Team (hereinafter referred to as "the Team") headed by Mr. Yoshihiro Imamura, Assistant Resident Representative, JICA South Africa Office, from 24th November 2002 to 11th December 2002.

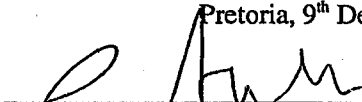
As a result of discussions, both parties confirmed the main issues described on the attached sheets.

Pretoria, 6th December 2002

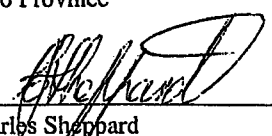
Pretoria, 9th December 2002



Mr. Yoshihiro Imamura
Leader
Basic Design Study Team
Japan International Cooperation Agency



Prof. R. H. Nengwekhulu
Head of Department
Department of Education
Limpopo Province



Dr. Charles Sheppard
Director, Physical Planning
National Department of Education
The Republic of South Africa

ATTACHMENT

1. Components of the Draft Report

The Government of South Africa agreed and accepted in principle the components of the draft report explained by the Team.

2. Japan's Grant Aid Scheme

The South African side understood the Japan's Grant Aid Scheme and the necessary measures to be taken by the Government of South Africa as explained by the Team and described in Annex-4 and Annex-5 of the Minutes of Discussions signed by both parties on 11th July 2002.

3. Schedule of the Study

- 3-1. Based on the results of discussions of the first draft report, JICA will proceed to further examination of the study results in Japan until January, 2003.
- 3-2. JICA will prepare the final draft report in English and dispatch a mission in order to explain its contents including drawings of the facilities around the end of January, 2003.
- 3-3. In case that the contents of the final draft report is accepted in principle by the South African side, JICA will complete the final report and send it to the South African side by around April, 2003

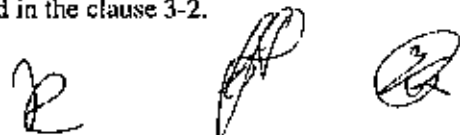
4. Other relevant issues

4-1. Components Covered by the Project

Both sides agreed the major components covered by the Project as described in ANNEX 1 and ANNEX 2.

4-2. Major Site Works Covered by the South African Side

- (1) The South African side ensured that, in the event of the reconstruction, the demolition works of the existing facilities shall be done by the South African side before the commencement of the construction works as described in ANNEX 3.
- (2) The South African side agreed that the relevant installation works described in ANNEX 3 shall be covered by the South African side, namely supply of electricity and water supply to each site, and connection to drainage. The design and type of the said facility shall be finalized by the South African side by the time of next discussion mentioned in the clause 3-2.



(3) The South African side agreed that the other site works described in ANNEX 3 shall be covered by the South African side.

4-3. Teacher Deployment

Both sides agreed that teacher deployment to the facilities to be constructed. The South African side ensured that sufficient number of teachers would be deployed for the full utilization of the facilities to be constructed.

4-4. Design of Facilities

The South African side agreed the contents of the first draft report, especially, that Japanese side would use the modified school design for the planning after discussion between both sides. Both sides agreed that the final decision of details of facilities would be made by the Japanese side after a further study in Japan.

4-5. Use of the Outcomes of the Basic Design Study

The Basic Design Study will include design works at a level of detailed design, however, not be applicable for the implementation stage. Therefore, as described in the Minutes of Discussion signed by both parties on 11th July 2002, the South African side shall review the outcomes of the Basic Design Study by using a consultant on the implementation stage (in case the project is approved by the Japanese Cabinet). The final outcomes of design works to be utilized for the project implementation should be agreed upon by the South African side and the consultant.

4-6. Responsibility of the Reviewed Outcomes of the Basic Design Study

The South African side also ensured that the Government of Japan and/or JICA will bear no responsibility for the reviewed outcomes by the South African side.

4-7. Contents of the Draft Report

The both sides agreed that the draft report would be confidential, and not be disclosed to any third party.

4-8. Smooth Conclusion of the Exchange of Notes

Both sides agreed that the smooth signing of the "Exchange of Notes" is indispensable for the implementation of the Project. Therefore, the South African side ensured facilitating necessary procedure for the "Exchange of Notes" inside the Government of South Africa in the event that the Japanese Cabinet approved of the Project.



ANNEX 1 Facilities Covered by the Project for Each School

District	Code No.	Name of School	No. of pupils	No. of Classrooms		No. & type of toilet buildings			
				standard classroom	administration room	toilet type (m ²)	A (38.1)	D (52.6)	C (45.7)
BOCHUM DISTRICT	BC1	DINOKO PS	235	3	1	1A	1		
	BC2	KOOPUDI SS	152	5	1	1C			1
	BC3	MAKGOTLHO PS	266	7	1	2A			
	BC4	MAPOTLA PS	378	3	1	1B		1	
	BC5	MATHEKETLANE PS	289	5		1C			
	BC6	NGOAKWANA SS	165	4	1	1B		1	
	BC7	MAPITSO SS	177						
	BC9	RAPOHO PS	623	14	1	2C			2
	BC10	MOPIKWA PS	177						
	BC11	BOTHANANG PS	523	14	1	2C			2
			SUBTOTAL	3,416	70	11		5	4
KONKREVENA DISTRICT	KK2	RAMOTLOANA LPS	352	7	1	1C			1
	KK3	IKAGILENG MAKOBE PS	442	7	1	2A	2		
	KK7	SEFATALADI PS	446	11	1	1B+1C		1	1
	KK8	MOPIKWA PS	177						
	KK9	RAPITSI PS	539	5	1	1C			1
	KK10	NGABO PS	177						
			SUBTOTAL	2,755	54	9		5	2
BAKENBERG DISTRICT	BB1	MOPIKWA PS	177						
	BB2	KOAKOATHU SS	213	7	1	2A	2		
	BB4	KOOTSORO PS	266						
	BB5	MATLOU MEMORIAL PS	298	6	1	2A	2		
	BB6	MOPIKWA PS	177						
	BB7	MUSHI PS	411	9	1	2D		2	
	BB8	NKIDIKITLANA PS	302			2B			
	BB9	NKONTLHA PS	266	5	1	1C			1
	BB10	NTSEBELENG PS	214	4	1	1B		1	
	BB11	THUTLANE LPS	443	13	1	2C			2
	BB12	TLHAKO PS	243	7	1	1C			1
	BB13	SESHOATLHA SS	228	7	1	2A	2		
			SUBTOTAL	3,459	84	12		6	6
GROUND TOTAL			9,621	208	32		16	12	17

Toilet Type A: 5 cubicles + one staff cubicle + continuous urinals

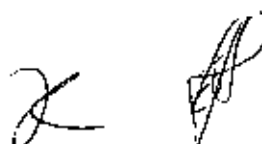
Toilet Type B: 6 cubicles + one staff cubicle + continuous urinals

Toilet Type C: 9 cubicles + one staff cubicle + continuous urinals

— Electrical and water supply equipment will be installed in all the Project schools.

ANNEX 2 Equipment Covered by the Project for Each Room

Room Type	Item	Quantity (per room)		Remarks
		Primary (G1 – G7)	Secondary (G8 – G9)	
Classrooms	Pupils' Desks (Two Seater)	20		Two sizes serving lower and higher grades
	Pupils' Desks (Single Seater)		35	
	Pupils' Chairs	40	35	
	Teacher's Desk	1	1	
	Teacher's Chair	1	1	
	Blackboard	1	1	
	Pinboards	2	2	
	Steel Cabinets	2	2	
Administration Rooms	Principal's Desk	1	1	
	Principal's Chair	1	1	
	Tables (Two Seater)	6	6	
	Chairs	12	12	
	Shelves/Book Shelves (Large)	5	5	
	Shelves/Book Shelves (Small)	4	4	
	Blackboard	1	1	
	Pinboard	1	1	
Steel Cabinets	2	2	With door and lock	

ANNEX 3 Contents of work to be undertaken by South Africa side

Coch No.	School Name	Items to be Conducted Prior to Commencement of Construction Work			Items to be Conducted by Completion of Construction Work						
		Grading of Site	Removal of existing structures	Improvement of Access Road	Provision of water supply to the site	Excavation of sewer supply pipe near the water tank	Connection to Sewerage System	Provision of electrical power supply to the site	Removal of existing structures	Construction of fencing and gates	Flooding
BC1	Dinoko P	-	-	-	○	○	-	○	-	○	○
BC2	Kopodi S	-	-	○	○	○	-	○	-	○	○
BC3	Makgallho P	-	-	○	○	○	-	○	-	○	○
BC4	Mogalla P	-	-	-	○	○	-	○	-	○	○
BC5	Melikhodane P	-	-	○	○	○	-	○	-	○	○
BC6	Mogalla S	-	-	-	○	○	-	○	-	○	○
BC7	Raposa S	-	-	-	○	○	-	○	○	○	○
BC8	Raposa P	-	-	-	○	○	-	○	○	○	○
BC9	Raposa P	-	-	-	○	○	-	○	○	○	○
BC10	Kodumele P	-	-	-	○	○	-	○	○	○	○
BC11	Kodumele P	-	-	-	○	○	-	○	○	○	○
BC12	Sekurwe C	-	-	-	○	○	-	○	○	○	○
BC13	Sekurwe C	-	-	-	○	○	-	○	○	○	○
BC14	Ramfosa LP	-	-	-	○	○	-	○	○	○	○
BC15	Ramfosa LP	-	-	-	○	○	-	○	○	○	○
BC16	Ragabeng P	-	-	-	○	○	-	○	-	○	○
BC17	Ragabeng P	-	-	-	○	○	-	○	-	○	○
BC18	Sekhaladi P	-	-	-	○	○	-	○	○	○	○
BC19	Sekhaladi P	-	-	-	○	○	-	○	○	○	○
BC20	Rapiti P	-	-	-	○	○	-	○	○	○	○
BC21	Rapiti P	-	-	-	○	○	-	○	○	○	○
BC22	Rapiti P	-	-	-	○	○	-	○	○	○	○
BC23	Bastepadi P	-	-	-	○	○	-	○	-	○	○
BC24	Bastepadi P	-	-	-	○	○	-	○	-	○	○
BC25	Kapitso P	-	-	-	○	○	-	○	○	○	○
BC26	Kapitso P	-	-	-	○	○	-	○	○	○	○
BC27	Moroba P	-	-	-	○	○	-	○	○	○	○
BC28	Moroba P	-	-	-	○	○	-	○	○	○	○
BC29	Nkikhodane P	-	-	-	○	○	-	○	○	○	○
BC30	Nkikhodane P	-	-	-	○	○	-	○	○	○	○
BC31	Nkikhodane P	-	-	-	○	○	-	○	○	○	○
BC32	Nkikhodane P	-	-	-	○	○	-	○	○	○	○
BC33	Thaba P	-	-	-	○	○	-	○	○	○	○
BC34	Thaba P	-	-	-	○	○	-	○	○	○	○
BC35	Sarimathu S	-	-	-	○	○	-	○	○	○	○

○ denotes the required work to be conducted by South Africa side at the target schools.

Exist denotes the existing facilities which was identified at the target site during the basic design study survey in July 2002.

Minutes of Discussions
on the Basic Design Study
on the Project for Construction of Primary and Secondary Schools
In Limpopo Province
In the Republic of South Africa
(Explanation on Final Draft Report)

In February 2003, the Japan International Cooperation Agency (hereinafter referred to as "JICA") dispatched a Basic Design Study Team on the Project for Construction of Primary and Secondary Schools in Limpopo Province, (hereinafter referred to as "the Project") to the Republic of South Africa (hereinafter referred to as "South Africa"). Through the discussions, the field surveys, and the technical examination of the results in Japan, JICA prepared a final draft report of the study.

In order to explain and to consult the South Africa on the components of the final draft report, JICA sent to the South Africa the Final Draft Report Explanation Team (hereinafter referred to as "the Team") headed by Mr. Shishido Taizo, Matsuda Consultants International Co., Ltd., from 1st February 2003 to 9th February 2003.

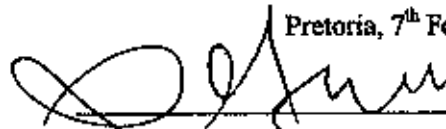
As a result of discussions, both parties confirmed the main issues described on the attached sheets.



Mr. Shishido Taizo
Leader
Basic Design Study Team
Japan International Cooperation Agency

Polokwane, 6th February 2003

Pretoria, 7th February 2003



Prof. R. H. Nengwekhulu
Head of Department
Department of Education
Limpopo Province



Dr. Charles Sheppard
Director, Physical Planning
National Department of Education
The Republic of South Africa

ATTACHMENT

1. Components of the Draft Report

The Government of South Africa agreed and accepted in principle the components of the final draft report and drawings explained by the Team.

2. Japan's Grant Aid Scheme

The South African side understood the Japan's Grant Aid Scheme and the necessary measures to be taken by the Government of South Africa as explained by the Team and described in Annex-4 and Annex-5 of the Minutes of Discussions signed by both parties on 11th July 2002.

3. Other relevant issues

Both sides confirmed the contents of series of discussions held in July and November 2002.

3-1. Components Covered by the Project

Both sides agreed the number of classrooms at Rapoho Primary School was decreased from 14 to 10 described in ANNEX 1.

3-2. Major Site Works Covered by the South African Side

(1) The South African side agreed to connect electrical power lines, municipality and/or borehole water supply lines and drainage line to the facilities covered by the Japanese side as described in ANNEX 2. The South African side also assured to conduct digging of boreholes and installing of pumps and pipes in the boreholes or to prepare other water resources for non-water schools as described in ANNEX 2.

(2) The South African side assured to do site works described in ANNEX 2.

3-3. Proper Use and Maintenance

The South African side assured to allocate necessary budget and personnel for proper use and maintenance of the facilities covered by the Project, which would be indispensable for their lifelong use.

3-4. Involvement of School Governing Body

Both sides agreed that the active involvement of the School Governing Body (SGB) is necessary for the proper operation and maintenance of the facilities. The South African side assured to take necessary measures including budget to enhance active participation of the SGB in the



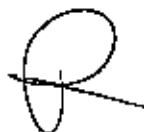
continuous school management.

3-5. Design of Facilities

Both sides agreed that the final decision of details of facilities (the contents of the final draft report) would be made by the Japanese side after a final check in Japan.

3-6. Confidentiality of the Draft Report

Both sides agreed that the final draft report would be confidential, and not be disclosed to any third party.



ANNEX 1 Facilities Covered by the Project for Each School

District	Code No.	Name of School	No. of pupils	No. of Classrooms		No. & type of toilet buildings			
				standard classroom	administration room	toilet type (nr)	A (26.1)	B (32.6)	C (43.7)
BOHEIM DISTRICT	BC1	DINOKO PS	215	3	1	1A			
	BC2	KGOMUDI SS	152	5	1	1C		1	
	BC3	MAKOOZILLO PS	366	7		2A			
	BC4	MAPOTLA PS	378	3	1	1B		1	
	BC5	MAWIKKOPANE PS	286	4		1C			
	BC6	NGOAKWANA SS	165	4	1	1B		1	
	BC9	RAPOHO PS	623	10	1	1B+1C		1	
	BC10	MAWIKKOPANE PS	286	4		1C			
	BC11	BOTHANANG PS	523	14	1	2C		2	
			SUBTOTAL	3,416	66	11		5	5
KONEKWENA DISTRICT	KK2	RAMEITLOANA LPS	332	7	1	1C		1	
	KK5	IKAELENG MAKOBE PS	442	7	1	2A	2		
	KK7	SEFATALADI PS	446	11	1	1B+1C		1	
	KK9	RAPITSI PS	539	5	1	1C		1	
			SUBTOTAL	2,755	54	9		5	2
			SUBTOTAL	2,755	54	9		5	2
BAKENBERG DISTRICT	BB2	KGAKOATHU SS	213	7	1	2A	2		
	BB5	MATLOU MEMORIAL PS	298	6	1	2A	2		
	BB7	MUSHI PS	411	9	1	2B		2	
	BB9	NKONILHA PS	266	5	1	1C		1	
	BB11	THUTLANE LPS	443	12	1	2C		2	
	BB13	SESHOATLHA SS	228	7	1	2A	2		
			SUBTOTAL	1,459	84	12		6	6
			SUBTOTAL	1,459	84	12		6	6
			GROUND TOTAL	9,621	204	32		16	13

Toilet Type A: 5 cubicles + one staff cubicle + continuous urinals

Toilet Type B: 6 cubicles + one staff cubicle + continuous urinals

Toilet Type C: 9 cubicles + one staff cubicle + continuous urinals

* Electrical and water supply equipment will be installed in all the Project schools.

ANNEX 2 Contents of work to be undertaken by South Africa side

Code No.	School Name	Items to be Conducted Prior to Commencement of Construction Work			Items to be Conducted by Completion of Construction Work						
		Grading of Site	Removal of existing structures	Improvement of Access Road	Provision of water supply to the site	Extension of water supply pipe near the water tank	Connection to Sewerage System	Provision of electrical power supply to the site	Removal of existing structures	Construction of fencing and gates	Planting
BC1	Dinoko P	-	-	-	○ Exists	○	-	○	-	○	○
BC2	Kaligwal P	-	-	○ Partial (wall)	○ Exists	○	-	○ Exists	-	○	○
BC3	Makgallo P	-	-	○ Partial (wall)	○ Exists	○	-	○	-	○	○
BC4	Makgallo P	-	-	-	○ Exists	○	-	○	-	○	○
BC5	Makgalloane P	-	-	○ Partial (wall)	○ Exists	○	-	○	-	○	○
BC7	Rapotea S	-	-	-	○	○	-	○	○	○	○
BC10	Kodjema P	-	-	-	○ Exists	○	-	○	○	○	○
BC12	Sekururu C	-	-	-	○ Exists	○	-	○ Exists	○	○	○
CK2	Ramotlana LP	-	-	-	○	○	-	○ Exists	○	○	○
CK5	Ikaglang P	-	-	-	○ Exists	○	-	○ Exists	-	○	○
CK7	Safatjodi P	-	-	-	○ Exists	○	-	○ Exists	○	○	○
CK9	Rayira P	-	-	-	○	○	-	○	○	○	○
EB1	Banteped P	-	-	-	○ Exists	○	-	○	-	○	○
EB4	Kgotsoo P	-	-	-	○ Exists	○	-	○ Exists	○	○	○
EB8	Maraba P	-	-	-	○ Exists	○	-	○ Exists	○	○	○
EB9	Nkidihtlana P	-	-	-	○ Exists	○	-	○ Exists	○	○	○
EB10	Ntshobong P	-	-	-	○ Exists	○	-	○ Exists	○	○	○
EB11	Thotlana LP	○	-	-	○ Exists	○	-	○ Exists	-	○	○
EB12	Tlhalo P	-	-	-	○ Exists	○	-	○ Exists	○	○	○
EB13	Sekotlana S	-	-	-	○ Exists	○	-	○ Exists	○	○	○

○ * denotes the required work to be conducted by South Africa side at the target schools.

Exists denotes the existing utilities which was identified at the target site during the basic design study survey in July 2002.

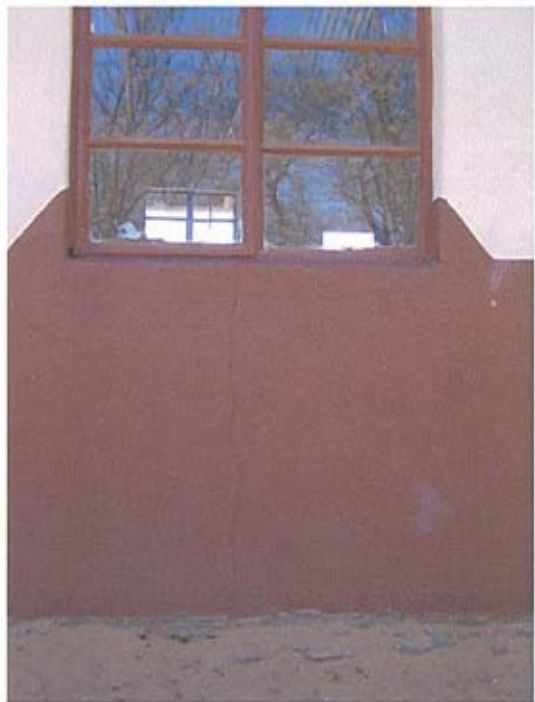
6 Photographs showing concrete examples of Evaluation Criteria

1) School buildings judged to be usable

① Standard school buildings constructed in line with the Provincial Standard Design:



② Usable conventional buildings with some repair



Damaged floors by floated mortar and hair cracks on mortar rendered walls could be repaired unless structural defects

1) School buildings judged to be unusable

① Conventional school buildings which pose a safety problem due to significant structural damage:



Breakdown of a corner wall and inclination of gable wall



Structural crack on the front wall of classroom



Complete collapse of the gable wall by foundation defect



Structural crack on the gable wall



Deformity of structural slab and floated mortar



Structural crack at the upper part of window openings



Another type of structural crack on the upper wall



Structural crack at slab on earth by settlement

② Old prefabricated school building judged to pose a problem of durability:



Structural distortion with no brace, weak for gale force

Significant defect of component panels-wall and ceiling

③ Temporary school buildings in the form of a barracks or tent



Poor physical environment for education

Temporary facility of tent

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