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1. Member List of the Study Team

Member List of the Study Team

1 . Basic Design Study

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|------|------------------------|---|
| (1) | Mr. Tamotsu, IKEZAKI | Team Leader (Grant Aid Management Department, JICA) |
| (2) | Dr. Junichi, INABA | Technical Advisor (International Medical Center of Japan) |
| (3) | Mr. Yoji, ISHIKAWA | Project Manager (ITEC) |
| (4) | Ms. Shiho, SASADA | Health Sector Survey (ITEC) |
| (5) | Mr. Hiroyuki, KIMURA | Equipment Planner (ITEC) |
| (6) | Mr. Hironori, NAKAJIMA | Equipment Planner (ITEC) |
| (7) | Mr. Yoshikazu, SHIMADA | Architectural Designer (Yamashita Sekkei) |
| (8) | Mr. Kazuhiko, KON | Facility and Utility Planner (Yamashita Sekkei) |
| (9) | Mr. Hiroaki, MOCHIZUKI | Procurement and Cost Planner (Yamashita Sekkei) |
| (10) | Mr. Naoki, TAKE | Coordinator (ITEC) |

2 . Explanation of the Draft Report

- | | | |
|-----|------------------------|---|
| (1) | Mr. Yoshihiro, IMAMURA | Team Leader (JICA South Africa Office) |
| (2) | Mr. Yoji, ISHIKAWA | Project Manager (ITEC) |
| (3) | Mr. Hiroyuki, KIMURA | Equipment Planner (ITEC) |
| (4) | Mr. Yoshikazu, SHIMADA | Architectural Designer (Yamashita Sekkei) |
| (5) | Mr. Hiroaki, MOCHIZUKI | Procurement and Cost Planner (Yamashita Sekkei) |

2. Study Schedule

**THE PROJECT FOR IMPROVEMENT OF THE HEALTH FACILITIES IN THE LIMPOPO PROVINCE
IN THE REPUBLIC OF SOUTH AFRICA
SCHEDULE OF BASIC DESIGN STUDY**

	Team Leader	Technical Adviser	Project Manager/ Equipment Maintenance Planner	Health Sector Survey	Equipment Planner I	Equipment Planner II	Architectural Designer	Facilities and Utilities Planner	Procurement and Cost Planner	Coordinator	
Name	Tamotsu Ikezaki	Junichi Inaba	Yoji Ishikawa	Shiho Sasada	Hiroyuki Kimura	Hironori Nakajima	Yoshikazu Shimada	Kazuhiro Kon	Hiroaki Mochizuki	Naoki Take	
Duration(Days)	8	12	38	24	38	36	38	36	28	38	
1	22-Mar		Depart NRT SQ997 NRT12:00- SIN18:20		Same as Project Manager		Same as Project Manager			Same as Project Manager	
2	23-Mar		SQ406 SIN01:35-JNB06:05 Arrival JNB (P)		Same as Project Manager (P)		Same as Project Manager (P)			Same as Project Manager (P)	
3	24-Mar		Courtesy visit to Embassy of Japan, JICA, NDOH (P)		Same as Project Manager (P)	Depart NRT SQ997 NRT12:00- SIN18:20	Same as Project Manager (P)	Same as Equipment Planner II (T)		Same as Project Manager (P)	
4	25-Mar		Survey on equipment local agents, move to Tzaneen (T)		Same as Project Manager (T)	SQ406 SIN01:35- JNB06:05 Arrival JNB (P) Move to Tzaneen (T)	Plate bearing test, then same as Project Manager (T)	Same as Equipment Planner II (T)		Same as Project Manager (T)	
5	26-Mar		Discussion with health staffs in Tzaneen (T)		Same as Project Manager (T)						Same as Project Manager (T)
6	27-Mar		Survey on Van Velden Hsp. (T)		Same as Project Manager (T)						Same as Project Manager (T)
7	28-Mar		Survey on Lebata Hsp. (T)		Same as Project Manager (T)						Same as Project Manager (T)
8	29-Mar		Team meeting (T)		Same as Project Manager (T)					Depart NRT SQ997 NRT12:00- SIN18:20	Same as Project Manager (T)
9	30-Mar		Survey on M.Grace HC (T)		Same as Project Manager (T)					SQ406 SIN01:35- JNB06:05 Arrival JNB Move to Tzaneen (T)	Same as Project Manager (T)
10	31-Mar		Discussion with Limpopo DOHW (day trip) (T)		Same as Project Manager (T)						
11	1-Apr		Survey on Dr.CNP hosp. (T)		Same as Project Manager (T)		Discussion of natural conditions survey, construction survey at Tzaneen (T)	Same as Project Manager (T)	Same as Architectural Designer (T)	Same as Project Manager (T)	
12	2-Apr		Discussion with Mopani District Health Office (T)		Survey on Nkwankowa, Julesburg and Shiluvana HC (T)		Construction survey at Tzaneen, move to Polokwane (PL)	Same as Equipment Planner I (T)	Same as Architectural Designer (PB)	Same as Project Manager (PB)	
13	3-Apr		Discussion with Mopani District Health Office, move to Polokwane, move to Limpopo DOHW (PL)		Survey on clinic (T)		Construction survey (PL)	Same as Equipment Planner I (T)	Same as Architectural Designer (PL)	Same as Project Manager (PL)	
14	4-Apr		Discussion with Limpopo DOHW, move to Pretoria (P)		Survey on clinic (T)		Construction survey, move to Tzaneen, construction survey (T)	Same as Equipment Planner I (T)	Same as Architectural Designer (T)	Same as Project Manager (P)	
15	5-Apr		Report preparation (P)	Depart NRT SQ997 NRT12:00- SIN18:20	Survey on clinic (T)		Construction survey (T)	Same as Equipment Planner I (T)	Same as Architectural Designer (T)	Same as Project Manager (P)	
16	6-Apr		Move to Tzaneen, Team meeting (T)	SQ406 SIN01:35- JNB06:05 Arrival JNB, move to Tzaneen (T)	Team meeting (T)						
17	7-Apr		Discussion with Limpopo DOH staff, then move to Tzaneen (T)	Discussion with health staffs in Tzaneen, survey Letaba hosp.(T)	Same as Project Manager (T)	Survey on clinic (T)	Construction survey, move to Polokwane, discuss with Limpopo DOHW (PL)	Same as Equipment Planner II (T)	Same as Architectural Designer (PL)	Same as Health Sector Survey (T)	
18	8-Apr		Discussion with health staff in Tzaneen (T)	Forcus group discussion (T)	Same as Project Manager (T)	Survey on clinic (T)	Move to Pretoria, construction survey (P)	Same as Equipment Planner II (T)	Same as Architectural Designer (P)	Same as Health Sector Survey (T)	
19	9-Apr		Discussion with health staff in Tzaneen (T)	Forcus group discussion (T)	Same as Project Manager (T)	Survey on clinic (T)	Request for quotation (P)	Same as Equipment Planner II (T)	Same as Architectural Designer (P)	Same as Health Sector Survey (T)	
20	10-Apr		Discussion with health staff in Tzaneen (T)	Forcus group discussion, visit CHOICE (NGO) (T)	Survey on mobile clinic in Nkwankowa LA (T)		Survey on local construction company (P)	Same as Equipment Planner I (T)	Same as Architectural Designer (P)	Same as Health Sector Survey (T)	
21	11-Apr		Discussion with health staff in Tzaneen (T)	Survey on HIV/AIDS, nutrition (T)	Survey on mobile clinic in Julesburg LA (T)		Survey on local construction company (P)	Same as Equipment Planner II (T)	Request and collect quotation in Pretoria (P)	Same as Health Sector Survey (T)	

**THE PROJECT FOR IMPROVEMENT OF THE HEALTH FACILITIES IN THE LIMPOPO PROVINCE
IN THE REPUBLIC OF SOUTH AFRICA
SCHEDULE OF BASIC DESIGN STUDY**

	Team Leader	Technical Adviser	Project Manager/ Equipment Maintenance Planner	Health Sector Survey	Equipment Planner I	Equipment Planner II	Architectural Designer	Facilities and Utilities Planner	Procurement and Cost Planner	Coordinator	
Name	Tamotsu Ikezaki	Junichi Inaba	Yoji Ishikawa	Shiho Sasada	Hiroyuki Kimura	Hironori Nakajima	Yoshikazu Shimada	Kazuhiho Kon	Hiroaki Mochizuki	Naoki Take	
Duration(Days)	8	12	38	24	38	36	38	36	28	38	
22	12-Apr		Report preparation, team meeting (P)				Survey on local construction company, move to Tzaneen (T)	Same as Project Manager (T)			
23	13-Apr		Report preparation, team meeting (T)								
24	14-Apr		Survey on Regional and District Health Office, Letaba hosp. (T)		Survey on Dr. CNP Hosp. (T)	Survey on Lebata Hosp. (T)	Discuss with Limpopo DOHW, Survey VV Hosp.	Same as Equipment Planner II (T)	Same as Architectural Designer (T)	Data analysis (T)	
25	15-Apr		Discussion with Limpopo DOHW, move to Pretoria (P)	Survey on Letaba Hosp. (T)		Additional survey on VV Hosp., move to Pretoria (P)	Same as Project Manager (P)	Same as Equipment Planner II (T)	Same as Project Manager (P)		
26	16-Apr		Move to Polokwane, discussion with Limpopo DOHW staff (PL)	Survey on Letaba Hosp. (T)	Survey on Letaba VV, Dr. CNP Hosp. (T)	Collection of quotation, move to Tzaneen (T)	Same as Project Manager (PB)	Survey on clinics (T)	Request and collect quotation in Pretoria (P)	Survey other donors, move to Tzaneen (T)	
27	17-Apr		Move to Tzaneen, construction site survey (T)	Survey on CHOICE (NGO), VV hosp. (T)	Survey on Letaba Hosp. (T)	Additional survey on construction site (T)	Same as Project Manager (T)	Same as Equipment Planner II (T)	Request and collect quotation in Pretoria (P)	Arrangement for flight plan, data analysis (T)	
28	18-Apr		Team meeting, additional site survey (T)						Collect quotation, move to Tzaneen (T)	Same as Project Manager (T)	
29	19-Apr		Team meeting (T)								
30	20-Apr	Arrive JNB	Team meeting (T)	Move to Pretoria (P)	Team meeting (T)						
31	21-Apr	Move to Tzaneen, visit VV Hosp. And construction sites (T)	Team meeting, additional site survey (T)	Same as Team Leader (T)	Team meeting, additional site survey (T)						
32	22-Apr	Discussion at Tzaneen Sub-District health Office, move to Polokwane, Discussion on Minutes of Discussion at Limpopo DOHW (PL)						Move to Pretoria (P)	Move to Pretoria, collect quotation (P)	Move to Pretoria (P)	
33	23-Apr	Signing of Minutes of Discussion, move to Pretoria (P)						Collection of quotation (construction) (P)	Survey on local construction company (P)	Same as Project Manager (P)	
34	24-Apr	Report preparation, team meeting (P)				Collection of quotation (equipment) (P)	Same as Project Manager (P)	Collection of quotation (construction) (P)	Move to Johannesburg, Depart JNB MH 202 JNB13:40 - KUL+1	Same as Project Manager (P)	
35	25-Apr	Signing of Minutes of Discussion by NDOH, Courtesy visit to Embassy of Japan, JICA (P)				Collection of quotation (equipment) (P)	Same as Project Manager (P)	Collection of quotation (construction) (P)	Arrival NRT KUL 11:00 - NRT	Same as Project Manager (P)	
36	26-Apr	Depart JNB		Depart JNB SA288 JNB19:20 - BKK11:20+1							
37	27-Apr	Arrival Japan		Depart BKK JL718 22:15 - NRT06:15+1							
38	28-Apr			Arrival NRT							

(Staying Place)
(P) Pretoria
(PL) Polokwane
(T) Tzaneen

(City Name)
SIN Singapore
NRT Tokyo
JNB Johannesburg
BKK Bangkok

**THE PROJECT FOR IMPROVEMENT OF THE HEALTH FACILITIES IN THE LIMPOPO PROVINCE
IN THE REPUBLIC OF SOUTH AFRICA
SCHEDULE OF EXPLANATION OF DRAFT REPORT**

		Government Member	Project Manager/ Equipment Maintenance Planner	Equipment Planner I	Architectural Designer	Procurement and Cost Planner
Name		Yoshihiro Imamura	Yoji Ishikawa	Hiroyuki Kimura	Yoshikazu Shimada	Hiroaki Mochizuki
Duration(Days)		4	18	18	18	18
1	27-Jul		Depart. NRT SQ997 NRT12:00 - SIN18:20			
2	28-Jul		SQ406 SIN01:35 - JNB06:05, Arrival JNB			
			Courtesy Visit to Embassy of Japan, JICA, NDOH, move to Tzaneen (T)	Move to Tzaneen (T)	Courtesy Visit to Embassy of Japan, JICA, NDOH, move to Tzaneen (T)	Move to Tzaneen (T)
3	29-Jul		Explanation of Draft Report at Tzaneen Sub-District Health Office, confirmation of equipment specifications and Project sites (T)			
4	30-Jul		Move to Polokwane	Discussion of Draft Report at Tzaneen Sub-District Health Office, move to Polokwane		Collection of quotation, move to Polokwane
			Explanation of Draft Report at Limpopo DOHW, Discussion of Minutes of Discussion (P)			
5	31-Jul	Explanation of Draft Report, discussion on Minutes of Discussion at Limpopo DOHW (PL)				
		Move to Pretoria				
6	1-Aug	Move to Polokwane				
		Discussion on Minutes of Discussion (confirmation of additional items), move to Pretoria (P)				
7	2-Aug		Request and collect quotation (P)			
8	3-Aug		Move to Tzaneen, team meeting (T)			
9	4-Aug		Confirmation of equipment specifications at Tzaneen Sub-District Health Office and Dr. CNP hospital (T)	Survey and confirmation of construction sites (T)		
10	5-Aug		Confirmation of equipment specifications at Letaba hospital (T)		Survey and confirmation of applications for construction at Tzaneen City Hall (T)	
11	6-Aug		Report to Tzaneen Sub-District Health Office, move to Polokwane, collect quotation (PL)			
12	7-Aug		Explanation of Draft Report, confirmation of recipient's budget, VAT exemption, etc. at Limpopo DOHW, equipment and construction plan approved, Minutes of Discussion signed by Limpopo DOHW, move to Pretoria (P)			
13	8-Aug		Report to JICA office, summarize the items discussed (P)	Report preparation, summarize equipment items discussed (P)	Report to JICA office, summarize the construction items discussed (P)	Collection of quotation, confirm procurement plan (P)
14	9-Aug		Additional survey on equipment (P)		Additional survey of construction materials (P)	Collection of quotation, additional survey (P)
15	10-Aug		Team meeting, report preparation (P)			
16	11-Aug	Signing of Minutes of Discussion at National Department of Health				
		Report to Embassy of Japan (P)				
17	12-Aug		Depart JNB SQ405 JNB14 : 15 - SIN06 : 35+1			
18	13-Aug		Arrival NRT SQ012 SIN09:45 - NRT17:05			

(Staying Place)
(P) Pretoria
(PL) Polokwane
(T) Tzaneen

(City Name)
SIN Singapore
NRT Tokyo
JNB Johannesburg

3. List of Parties Concerned

List of Party Concerned (Basic Design Study)

1. Embassy of Japan, Republic of South Africa

- 1) Mr. Yoshitaka Hanada Minister
- 2) Mr. Keiichi Matsui First Secretary

2. JICA South Africa Office

- 1) Mr. Hiroshi Murakami Resident Representative
- 2) Mr. Yoshihiro Imamura Assistant Resident Representative
- 3) Mr. Koji Jitsukawa Assistant Resident Representative

3. Department of Health

- 1) Ms. Catherine Makwakwa Director, International Health Liaison
- 2) Ms. Tsakani Mnisi Deputy Director, International Health Liaison

4. Department of Health and Welfare, Limpopo Province

- 1) Dr. N. H. Manzini Head of Department
- 2) Dr. M. Nkadimeng Senior General Manager, Health Care Services Branch
- 3) Mr. Mpho Mofokeng Chief Financial Officer, Financial Management Branch
- 4) Mr. Charlie Nkadimeng General Manager, Strategic Management Services Branch
- 5) Mr. Anton van Geffen General Manager, Financial Management Chief Directorate
- 6) Mr. Jimmy Ledwaba Senior Manager, Devolution Support Directorate, DHS Chief Directorate
- 7) Mr. Frans Faul Manager, Physical Resource Management Sub-directorate, Strategic Management and Planning Directorate, Strategic Management Services Branch
- 8) Ms. M. M. P. Mongwe Manager, Nutrition Sub-directorate, DHS Chief Directorate
- 9) Mr. Manasseh Khosa Deputy Manager, Physical Resource Management Sub-directorate

5. Mopani District Health Office

- 1) Ms. Minah Ombie Mdhluli Manager (Primary Health Care)
- 2) Ms. Emily Tshabalala Manager (District Hospital Coordination)
- 3) Mr. Donald Shivambu Deputy Manager, Financial Management Division
- 4) Ms. Caroline Mathebula Deputy Manager, Corporate Services Division
- 5) Ms. Jane Maluleke Deputy Manager, Corporate Service Division
- 6) Ms. Miriam Mackaukau Deputy Manager, PHC Programmes Division
- 7) Ms. Lindy Milumbete Deputy Manager, Nutrition, MCHW, Youth and Adolescence Division

- 8) Mr. Thomas Ndhlovu Chief Accounting Clerk
- 9) Ms. Julian Masingi CCLO (Epidemiology), Communicable Diseases, Environmental and Occupational Health and Epidemiology

6. Greater Tzaneen Sub-district Health Office

- 1) Ms. Soekie van der Westhuizen Manager
- 2) Mr. Edward Maake CCLO (Chief Community Liaison Officer), Nkowankowa Local Area
- 3) Ms. Elizabeth Mtebule CCLO, Julesburg Local Area
- 4) Ms. Judith Muhlarhi CCLO, Tzaneen Local Area
- 5) Ms. Merry Nkuna CCLO, Mugodeni Grace Local Area
- 6) Ms. Norah Mгимeti CCLO, Shiluvana Local Area
- 7) Mr. Phillimon Sape CCLO, Communication
- 8) Ms. Susan Nimb CCLO, TB-HIV/AIDS-EPI-Health Information
- 9) Ms. Thembi Nyathi Primary Health Care Coordinator
- 10) Ms. Jane Mushwana CPN
- 11) Ms. Joyce Thiba CPN, Julesburg Local Area

7. Letaba Regional Hospital

- 1) Dr. Uma Nagpal CEO
- 2) Dr. Monica Ndala Clinical Care Service Manager
- 3) Ms. E. L. Madike Nursing Service Manager
- 4) Mr. M. D. Banda Corporate Service Manager
- 5) Mr. M. B. Halati Finance, Procurement and IT Manager
- 6) Mr. Dan Nkuna Corporate Service Deputy Manager
- 7) Ms. Esther Mawila Infection Control Nurse
- 8) Ms. Musan Marivate Occupational Health and Society Nurse
- 9) Mr. N. R. Mandlhezi Dietician
- 10) Ms. Mkhari Tsakani Statistics Officer

8. Van Velden District Hospital

- 1) Dr. Peter Davies Medical Superintendent
- 2) Ms. Khomotso Mashego Nursing Manager
- 3) Ms. Marianna van Dyk Deputy Nursing Manager

9. Dr. C. N. Phatudi District Hospital

- 1) Dr. M. N. Nara Medical Superintendent
- 2) Ms. M. S. Mabitsela Nursing Manager
- 3) Ms. Semna Peu CPN

4) Mr. Photsane Simon Mahapa Deputy Manager

10. Greater Tzaneen Municipality Office

1) Mr. Maake N. V. Civil Engineering Manager

2) Ms. Morongoa Ramphele Manager, Strategy and Planning

3) Mr. H. L. Minnie Waste Management

4) Mr. A. P. Kilian Civil Town Engineer

11. CHOICE

1) Ms. Antoinette Schutte Project and Training Manager

2) Ms. Toni Stevens Finance Manager

12. Limpopo Economic Development Enterprise

1) Ms. Beular Fouché Secretary

List of Party Concerned (Explanation of the Draft Report)

1. Embassy of Japan, Republic of South Africa

- 1) Mr. Keiich Matsui First Secretary

2. JICA South Africa Office

- 1) Mr. Yoshihiro Imamura Assistant Resident Representative

3. Department of Health, Republic of South Africa

- 1) Dr. Catherine Makwakwa Director, International Health Liaison
2) Ms. Tsakani Mnisi Deputy Director, International Health Liaison

4. Department of Health and Welfare, Limpopo Province

- 1) Dr. N.H. Manzini Head of Department
2) Dr. M. Nkadameng * Senior General Manager, Health Care Services Branch
3) Dr. Peter Kgaphole * General Manager, District Health Services
4) Mr. Anton van Geffen * General Manager, Finance Management Chief Directorate
5) Dr. E.T. Moloko * Senior Manager, District Health Services
6) Dr. A.C. Mutheiwana Senior Manager, Transformation and Transversal Services
7) Mr. Jimmy Ledwaba * Senior Manager, Devolution Support Directorate,
DHS Chief Directorate / Project Manager
8) Ms. Mantji Mahlo * Senior Manager, Integrated Primary Health Care Unit
9) Ms. Mamsie Mogadime Senior Manager, Strategic Management and Planning Directorate
10) Mr. Frans Faul * Manager, Physical Resource Management sub-directorate,
Strategic Management and Planning Directorate,
Management Services Branch
11) Mr. Manasseh Khosa Deputy Manager, Physical Resource Management sub-directorate
12) Mr. Don Moeng Manager, Intergovernmental Relations

* Member of Project Committee

5. Mopani District Health Office

- 1) Ms. Emily Tshabalala District Manager

6. Greater-Tzaneen Sub-district Health Office

- 1) Ms. Thembi Nyathi Manager, PHC Coordinator
2) Mr. R.S. Shivila Administrator
3) Mr. Edward Maake CCLO (Chief Community Liaison Officer),
Nkowankowa Local Area
4) Ms. Elizabeth Mtebule CCLO, Julesburg Local Area
5) Ms. Constance Mapimele Deputy CCLO, Nkowankowa Local Area, CPN
6) Ms. N.I. Mokawane Deputy CCLO, Mugodeni Grace Local Area, CPN
7) Ms. J.E. Mushwana Deputy CCLO, Shilvana Local Area, CPN
8) Ms. N.J. Thiba Deputy CCLO, Julesburg Local Area, CPN

- 9) Ms. H.R. Mashakeng Deputy CCLO, Tzaneen Local Area, CPN
- 10) Mr. Mphapi Phillimon Sape CCLO, Communication

7. Letaba Regional Hospital

- 1) Dr. Monica Ndala Acting CEO
- 2) Dr. Emeka Ezenwugo Acting Senior Medical Superintendent
- 3) Mr. M.D. Banda Manager, Corporate Services
- 4) Mr. M.B. Halati Manager, Finance, Procurement and IT
- 5) Dr. C.A. Visser Dentist, Clinical Care Services
- 6) Ms. Mihloti Esther Shipalana Deputy Manager, Nursing Services

8. Dr. C.N. Phathudi District Hospital

- 1) Dr. M.N. Nala Medical Superintendent
- 2) Ms. M.S. Mabitsela Manager, Nursing Services

9. Van Velden District Hospital

- 1) Ms. Soekie van der Westhuizen CEO

10. Tzaneen City Municipality Office

- 1) Mr. D.J. Mmetle Health Desk Councillor
- 2) Mr. W. Shivamba Administration Secretary
- 3) Mr. H.J. Cronje Town Manager of Letistele, Strategy and Development
- 4) Mr. S. Rademeyer Town Planner, Strategy and Development
- 5) Mr. A. Cloete Strategy and Development
- 6) Mr. Anton Kilian Civil Engineer
- 7) Mr. L.M. Valentine Ward 17 councillor
- 8) Mr. A.M. Maake Ward 4 councillor

4. Minutes of Discussions (BD)

MINUTES OF DISCUSSIONS
ON THE BASIC DESIGN STUDY
ON THE PROJECT FOR IMPROVEMENT OF THE HEALTH FACILITIES
IN THE 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 Improvement of the Health Facilities in the Limpopo Province in the Republic of South Africa (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"), which is headed by Mr. Tamotsu Ikezaki, Director, Second Project Management Division, Grant Aid Management Department, Japan International Cooperation Agency, and is scheduled to stay in the country from March 23 to April 26, 2003.

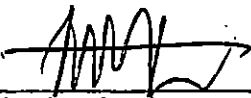
The Team held discussions with the officials concerned of the Government of South Africa and conducted a field survey at the study area.

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.

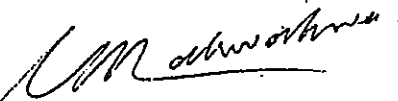
Polokwane, April 23, 2003
Pretoria, April 25, 2003




Mr. Tamotsu Ikezaki
Leader
Basic Design Study Team
Japan International Cooperation Agency



Mr. J. Ledwaba
Project Manager
Department of Health and Welfare,
Limpopo Province
Republic of South Africa



Ms. Catherine Makwakwa
Director, International Health Liaison
National Department of Health
Republic of South Africa



Dr. H.N. Manzini
Head of Department
Department of Health and Welfare,
Limpopo Province
Republic of South Africa

ATTACHMENT

1. Objective of the Project

The objective of the Project is to improve and strengthen the healthcare service in Greater Tzaneen Municipality in Mopani District of Limpopo Province in the Republic of South Africa, through construction of health facilities and procurement of medical equipment.

2. Project sites

The sites of the Project are 2 Hospitals, 4 Health Centres and 27 Clinics in Greater Tzaneen Municipality in Mopani District of Limpopo Province as described in Annex-1.

3. Responsible and Implementing Agency

3-1. Responsible Agency

National Department of Health

3-2. Implementing Agency

Limpopo Department of Health and Welfare

4. Items requested by the Government of South Africa

After discussions with the Team, following items were finally requested by the South African side. JICA will assess the appropriateness of the request and will recommend to the Government of Japan for approval.

(1) Construction of health facilities described in Annex-2

(2) Procurement of the equipment described in Annex-3

5. Japan's Grant Aid Scheme

5-1 The South African side understands the 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 smooth implementation of the Project, as a condition for the Japan's Grant Aid to be implemented.

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JICA

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6. Schedule of the Study

- 6-1 The consultants will proceed to further studies in Republic of South Africa until April 26, 2003.
- 6-2 JICA will prepare the draft report in English and dispatch a mission in order to explain its contents in July 2003.
- 6-3 In case that the contents of the report is accepted in principle by the Government of South Africa, JICA will complete the final report and send it to the Government of South Africa around September, 2003.

7. Other relevant issues

- 7-1 The South African side has agreed to secure and allocate enough budgets to operate and maintain the medical equipment supplied by the Grant Aid properly and effectively after warranty period.
- 7-2 Limpopo Provincial Government in its Department of Health and Welfare will reimburse VAT and/or request SARS exemption concerning local purchase under the project, to Japanese Supplier(s) and/or Contractor(s).
- 7-3 For the sake of the technology transfer on hospital administration and/or infectious disease control, the South African side pointed out the need for dispatch of Japanese experts and/or volunteers as well as technical training of counterpart personnel in Japan. They also understood that another official request on technical cooperation should be submitted through diplomatic channels such as the Embassy of Japan and/or the JICA Office.
- 7-4 The Team additionally explained followings regarding undertakings described on Annex-5, which is to be covered by the South African side.
 - (1) Procurement of equipment except for construction of Letsitele, Maake and Mohlaba Clinics
 - To prepare necessary facility arrangements such as removal of existing equipment and supply of water, electricity, etc to install new equipment
 - (2) Construction of Clinics and Visiting Point Shelters
 - To obtain building permissions and other necessary authorizations from the relevant authorities to construct new buildings
 - To bear all the expenses other than construction work and supply of equipment, such as charges for building permits, distribution of infrastructure to the

construction site

7-5 The Team explained that the following items are not covered by Japanese side.

- (1) Landscaping work within construction site
- (2) Renovation work of the existing hospitals and/or clinics
- (3) Staff accommodation



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Lists of the Sites

1. Procurement of equipment for the following sites:

(1) One regional hospital

Letaba

(2) One district hospital

Dr. C N Phatudi

(3) Four Health Centres

Mugodeni Grace, Nkowankowa, Shiluvana, Julesburg,

(4) Twenty four Clinics

Carlotta, Dan, Dr. Hugo Nkabinde, Jamela, Khujwana, Lenyenye, Lephephane, Madumane, Makgope, Mamitwa, Mariveni, Mogapeng, Mogoboya, Moime, Mokgwathi, Morapalala, Morutji, Motupa, Nyavana, Ooghoek, Ramotshinyadi, Tours, Tzaneen, Zangoma

2. Construction and procurement of equipment for the following sites:

1) Letsitele Clinic

2) Maake Clinic

3) Mohlaba Clinic

3. Construction of Visiting Point Shelters for mobile clinic (see Annex-2, 2 Construction Sites)

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Construction and procurement of equipment

1. Requested Facilities

New construction and procurement of equipment for three clinics at Letsitele, Maake, Mohlaba, and visiting point shelters, which provide primary health care services, have been requested.

2. Construction Site

Construction site of the above requested facilities are;

- 1) Letsitele,
- 2) Maake,
- 3) Mohlaba,
- 4) Visiting Point Shelters in the following villages (Health Centre)
Burgersdorp (Julesburg HC), Pharare (Julesburg HC) J.B. Village (Nkowankowa HC), Khujwana (Nkowankowa HC), Mogoloboto2 (Tzaneen CL)

3. Detail of Items for Requested Facilities

3.1. Construction of buildings

3.1.1. Clinics at Letsitele, Maake, Mohlaba

- Clinic building (Consultation, Treatment, Dispensary, Labour)
- Other incidental facilities to provide health services and to operate the clinic building

3.1.2. Visiting Point Shelters for Mobile Clinic

- Shelter to house the vehicle for mobile clinic and provide waiting area for patients and community

3.2. Procurement of equipment for three clinics at Letsitele, Maake, and Mohlaba

Details of items are listed in Annex-3.

Lists of the Equipment (Hospitals)

Annex-3

DEPARTMENT /SECTION	DESCRIPTION	Qty Requested	
		CNP	LTB
CASUALTY			
	Cervical collars set. various size		5
	IV stand	4	8
	Emergency cart with defibrillator	1	1
	Instrument set, for treatment	2	4
	Operation light, mobile with battery back up	1	1
	Pulse oxymeter	1	1
	Resuscitator with mask, for adult & paediatric	1	1
	Resuscitator with mask, for infant	1	1
	Suction unit - electric, mobile	1	1
	Wheelchair	1	1
	Laryngoscope set. for adult & paediatric	1	1
	Laryngoscope set. for infant	1	1
OPD (OUTPATIENT DEPARTMENT)			
	Weighing scale, for adult	1	2
	Basin stand, double with s/s basins	4	8
	Diagnostic set (incl. ophthalmoscope & ear scope)	4	8
	ECG, 6 channel	1	1
	EEG, 14 channel		1
	Ultrasonic nebulizer		2
	Glucometer	4	5
	Height measure	1	2
	Laryngoscope set, in case	1	1
	Medicine cabinet		5
	Blood pressure monitor	1	2
	Sphygmomanometer, desk type	4	8
	Spirometer	1	1
	Stethoscope	8	10
	Ultrasound scanner	1	1
	X-ray viewing box, single film	1	2
	Screen, mobile 4 section	4	6
	Reflex Hammer	4	4
	Tuning Fork (128Db)	2	2
	Instrument set, for treatment	4	8
	Instrument cabinet	4	8
	Instrument cart	4	8
SURGERY			
	Instrument set, for biopsy	2	2
	Laryngoscope set, in case	2	2
PAEDIATRIC			
	Bilirubinmeter with Centrifuge	1	1
	Medicine cabinet	1	1
	Dressing trolley	1	1
	Double foot step	1	1
	Height measure, for paediatric	1	2
	Infant incubator, handy type	1	1

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Lists of the Equipment (Hospitals)

Annex-3

DEPARTMENT / SECTION	DESCRIPTION	Qty Requested	
		CNP	LTB
	Infant warmer	2	2
	Syringe pump	1	2
	Infusion pump	1	2
	Laryngoscope set, in case	2	2
	Neonatal monitor	1	1
	Oxygen tent	2	2
	Phototherapy unit	1	2
	Resuscitator, for infant	2	2
	Resuscitator, for adult & paediatric	2	2
	Stethoscope	2	4
	Suction unit	2	2
	Ultrasonic nebulizer	1	2
	Ventilator for infant and paediatric	1	
	Weighing scale, for paediatric	2	4
	IV stand	2	4
	Instrument cart	2	2
	Medicine cabinet	1	1
	Instrument cabinet	1	1
	Instrument set, for treatment	2	4
GYNAECOLOGY / OBSTETRICS			
	Amnioscope	1	1
	Patient monitor		1
	Doppler fetus detector	2	2
	Dressing trolley	2	2
	Instrument set, for Delivery (Episiotomy & Stitch)	4	4
	Weighing scale, for infant	2	2
	Laryngoscope set for neonates	1	1
	Laryngoscope set for adult	1	1
	Resuscitator, for adult	1	1
	Resuscitator, for infant	1	1
	Suction unit	2	2
	Vacuum Extractor		1
	Weighing scale, for adult	1	1
	Cardio Tokograph		1
	Hysteroscope		1
	Emergency trolley	1	1
	Instrument set, for Obstetric/Gynaecology examination	2	2
	Instrument set, for treatment	2	2
RADIOLOGY			
	Dark room accessories set	1	1
	I.D printer		1
	X-ray apparatus, general purpose or remote controlled fluoroscopy		1
OPERATION THEATRE			
	Instrument cabinet - floor standing	2	4
	Instrument trolley	2	4
	Laryngoscope set, for paediatric	1	1

CP

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MS

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Lists of the Equipment (Hospitals)

Annex-3

DEPARTMENT /SECTION	DESCRIPTION	Qty Requested	
		CNP	LTB
	Laryngoscope set. for adult	2	4
	Resuscitator. for adult & paediatric	2	4
	Suction unit. 2 bottle mobile	2	4
	Operation instrument set for Appendectomy	2	2
	Operation instrument set for Finger bone	2	2
	Operation instrument set for Gastrectomy		2
	Operation instrument set for Hand surgery		2
	Operation instrument set for Orthopedic	1	1
	Operation instrument set for Nephrectomy		2
	Operation instrument set for Prostectomy		2
	Operation instrument set for Thyroidotomy		2
	Operation instrument set for Cholecystotomy		2
	Operation instrument set for Cesarean section	4	4
	Operation instrument set for General surgery	4	8
CSSD			
	High Pressure Steam Sterilizer		2
	Dressing drum	20	40
	Dressing drum stand	8	16
ICU / RESUSCITATION			
	Dressing trolley		1
	Syringe pump		4
	Infusion pump		4
	IV stand		8
	Suction unit		4
LABORATORY			
	Blood gas analyzer		1
	Bilirubinmeter with Centrifuge	1	1
	Electrolyte analyzer	1	1
OPHTHALMOLOGY			
	Ophthalmoscope	1	1
	Otoscope	1	1
	Sight tester	1	1
	Slit lamp	1	1
	Tonometer		1
	Trial lens set with trial frame & test chart	1	1
DENTAL			
	Dental unit with chair, operating stool and compressor	1	2
	Instrument set, for dental treatment	1	2
	Steam Sterilizer Table Top	1	1
PHYSIOTHERAPY			
	Bicycle exerciser	1	1
	Treadmill	1	1
	Low frequency therapy unit	1	1
	Infrared lamp	1	1
LAUNDRY			
	Washing Machine for Laundry (load 100Kg)	1	1

Lists of the Equipment (Hospitals)

Annex-3

DEPARTMENT / SECTION	DESCRIPTION	Qty Requested	
		CNP	LTB
	Extractor	1	1
	Drying machine	1	1

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Lists of the Equipment (Health Centres / Clinics)

Annex-3

DESCRIPTION	Qty Requested	
	HC	CL
<i>ALTH CENTER / CLINIC</i>		
Weighing and height scale	4	27
Autoclave	4	27
Computer with printer	4	
Delivery bed		3
Instrument set. for Delivery with Episiotomy and Cord instruments	4	27
ECG, 6 channel	4	
Examination lamp	8	27
Infant Incubator, handy type	4	
Infant Warmer	4	24
Weighing scale for Infant	4	27
Laryngoscope set, for paediatric	4	27
Laryngoscope set, for adult	4	27
Medicine cabinet	4	27
Ophthalmoscope	4	27
Otoscope	4	27
Vaccine refrigerators	4	27
Blood pressure monitor	4	27
Sphygmomanometer	4	27
Stethoscope	16	70
Suction unit, portable	4	27
Suction unit, manual	4	27
Peak flow meter	8	54
Glucometer	8	27
Reflex hammer	4	27
Tuning fork (128dB)	4	27
Tonometer (intra-ocular pressure)	4	27
Snellen's chart Literate	4	27
Snellen's chart Illiterate	4	27
Hemoglobinmeter	4	27
Ultrasonic nebulizer	4	27
Emergency Trolley	4	27
Dressing Trolley	4	27
Baby Resuscitation Unit	4	27
Digital Thermometer	8	54
Doppler fetus detector	8	27
IV stand (Mobile Drip Stand)	8	27
Oxygen concentrator	4	27
Audiometer - Battery type	5	
Emergency box	4	27
Instrument set. for clinical treatment (including above. Gallipots - Dissecting	16	54
Resuscitator with mask, for paediatric and adult	4	27
Oxygen meters	1	27
Vehicle for Mobile clinic	8	

Japan's Grant Aid Scheme

1. Japan's Grant Aid Procedures

(1) The Japan's Grant Aid Program is executed by 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 the Cabinet of Japan)

Determination of Implementation (Exchange of Notes between both Governments)

Implementation (implementation of the Project)

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

Secondly, JICA conducts the study (Basic Design Study), using (a) Japanese consulting firm(s).

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

Fourth, the project approved by the cabinet becomes official with the Exchange of Notes signed by the Government of Japan and the recipient country.

Finally, for the implementation of the Project, JICA assists the recipient country in preparing contracts and so on.

2. Contents of the Study

(1) Contents of the Study



JL

The purpose of the Basic Design Study conducted by JICA on a requested project is to provide a basic document necessary for appraisal of the project by the Japanese Government. The contents of the Study are as follows:

- a) confirmation of the background, objectives, benefits of the project and also institutional capacity of agencies concerned of the recipient country necessary for project implementation,
- b) evaluation of the appropriateness of the project for the Grant Aid Scheme from a technical, social and economical point of view,
- c) confirmation of items agreed on by the both parties concerning a basic concept of the project,
- d) preparation of a basic design of the project,
- e) estimation of cost 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.

Final project components are subject to approval by the Government of Japan and therefore may differ from an original request. Implementing the project, the Government of Japan requests the recipient country to take necessary measures involved which are itemized on Exchange of Notes.

(2) Selection of Consultants

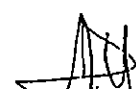
For smooth implementation of the study, JICA uses (a) registered consulting firm(s). JICA selects (a) firm(s) based on the proposals submitted by the interested firms. The firm(s) selected carry(ies) out a Basic Design Study and write(s) a report, based upon terms of reference set by JICA.

The consulting firm(s) used for the study is (are) recommended by JICA to a recipient country after Exchange of Notes, in order to maintain technical consistency and also to avoid any undue delay in implementation should the selection process be repeated.

3. Japan's Grant Aid Scheme

(1) What is Grant Aid?

The Grant Aid Program provides a recipient country with non reimbursable funds to procure the equipment and services (engineering services and transportation of the products, etc.) for economic and social development of the country under principles in



accordance with relevant laws and regulations of Japan. The Grant Aid is not supplied through the donation of materials or such.

(2) Exchange of Notes (E/N)

Both Governments concerned extend Japan's Grant Aid in accordance with the Exchange of Notes in which the objectives of the Project, period of execution, conditions and amount of the Grant Aid etc., are confirmed.

(3) "The period of the Grant Aid" means one Japanese fiscal year which the Cabinet approves the Project for. Within the fiscal year, all procedure such as Exchange of Notes, concluding a contract with (a) consulting firm(s) and (a) contractor(s) and a final payment to them must be completed.

(4) Under the Grant, in principle, products and services of origins of Japan or the recipient country are to be purchased.

When the two Governments deem it necessary, the Grant may be used for the purchase of products or services of a third country.

However the prime contractors, namely, consulting, contractor 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.)

(5) Necessity of the "Verification"

The Government of the recipient country or its designated authority will conclude contracts denominated in Japanese yen with Japanese nationals. The Government of Japan shall verify those contracts. The "Verification" is deemed necessary to secure accountability to Japanese tax payers.

(6) Undertakings Required to the Government of the Recipient Country

In the implementation of the Grant Aid project, the recipient country is required to undertake such necessary measures as the following:

a) to secure land necessary for the sites of the project prior to the installation work in case the project is providing equipment,

b) to provide facilities for distribution of electricity, water supply and drainage and other incidental facilities in and around the sites,

c) to secure buildings prior to the installation work in case the project is providing equipment,

d) to ensure all the expenses and prompt execution for unloading, customs clearance at the port of disembarkation and internal transportation of the products purchased under the Grant Aid,

e) to exempt Japanese nationals from customs duties, internal taxes and other fiscal levies which will be imposed in the recipient country with respect to the supply of the products and services under the Verified Contracts,

f) to accord Japanese nationals whose services may be required in connection with the supply of the products and services under the Verified Contracts, such facilities as may be necessary for their entry into the recipient country and stay therein for the performance of their work.

(7) Proper Use

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

(8) Re-export

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

(9) Banking Arrangement (B/A)

a) The Government of the recipient country or its designated authority shall open an account in the name of the Government of the recipient country in a bank in Japan. The Government of Japan will execute the Grant Aid by making payments in Japanese yen to cover the obligations incurred by 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 issued by the Government of the recipient country or its designated authority.

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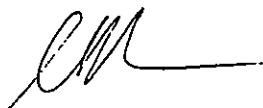
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Major Undertakings taken by Each Government

No.	Items	To be covered by Grant Aid	To be covered by Recipient
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 (receiving and/or elevated tanks)			
		●	
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) 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			
		●	
5) Furniture and Equipment			
a. General furniture			
			●
b. Project furniture and 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			
			●

No.	Items	To be covered by Grant Aid	To be covered by Recipient
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 contract 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 contract		●
12	To maintain and use properly and effectively the facilities constructed and equipment provided under the Grant Aid		●
13	To bear all the expenses deem necessary, other than those to be borne by the Grant Aid, for construction of the facilities as well as for the transportation and installation of the equipment		●






5. Minutes of Discussions (DF)

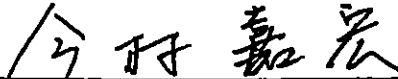
**MINUTES OF DISCUSSIONS
ON THE BASIC DESIGN STUDY
ON THE PROJECT FOR IMPROVEMENT OF THE HEALTH FACILITIES
IN THE LIMPOPO PROVINCE
IN THE REPUBLIC OF SOUTH AFRICA
(EXPLANATION ON DRAFT FINAL REPORT)**

In April 2003, the Japan International Cooperation Agency (hereinafter referred to as "JICA") dispatched a Basic Design Study Team on the Project for Improvement of the Health Facilities in Limpopo Province in the Republic of South Africa (hereinafter referred to as "the Project") to the Republic of South Africa (hereinafter referred to as "South Africa"), and through discussions, field survey, and technical examination of the study results in Japan, JICA prepared a draft final report of the study.

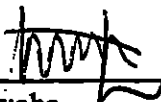
In order to explain and to consult South Africa on the components of the draft final report, JICA sent to South Africa the Draft Final Report Explanation Team (hereinafter referred to as "the Team"), which is headed by Mr. Yoshihiro Imamura, Assistant Resident Representative, South Africa Office of Japan International Cooperation Agency from 28th July 2003 to 12th August 2003.

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

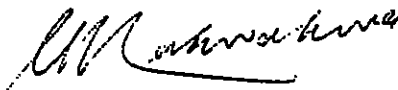
Polokwane 7th August, 2003
Pretoria 11th August, 2003




Mr. Y. Imamura
Leader
Draft Final Report Explanation Team
Japan International Cooperation Agency



Mr. J. Ledwaba
Project Manager
Department of Health and Welfare,
Limpopo Province
The Republic of South Africa



Ms. C. Makwakwa
Director,
International Health Liaison
National Department of Health
The Republic of South Africa



Dr. H. N. Manzini
Head of Department
Department of Health and Welfare,
Limpopo Province
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 and confirmed that the components and items proposed in the draft report were in order, namely equipment, project sites, construction of the three (3) clinics and four (4) visiting point shelters and provision of five (5) mobile clinics.

However, both parties confirmed that the South African side strongly expressed the necessity for the three (3) excluded mobile clinics to be included in the Project, based on the South African Government priorities regarding Primary Health Care. Both parties also confirmed that components and items to be included in the Project would be finalised after further analysis in Japan.

2. Japan's Grant Aid Scheme

The South African side confirmed the Japan's Grant Aid scheme and necessary measures to be taken by the Government of South Africa, explained by the Basic Design Study Team and described in Annex-4 and Annex-5 of the Minutes of Discussions signed on 23rd April 2003 and 25th April 2003.

3. Completion of the Final Report

JICA will complete the final report in accordance with the confirmed items and send it to the Government of South Africa around October 2003.

4. Other Relevant Issues

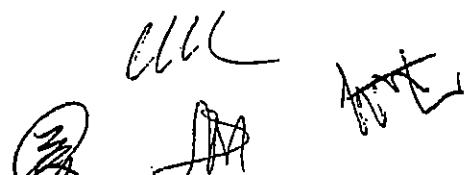
4-1 Personnel and Budget Allocation

Limpopo Department of Health and Welfare shall ensure the allocation of sufficiently qualified staff and budget to operate and maintain the equipment, new clinics and visiting point shelters to be covered by the Project.

4-2 Soft Component

The South African side requested technical assistance for a medical equipment management system at Letaba Regional Hospital as one of the components of the Project.

In order to ensure outcomes of the technical assistance, Limpopo Department of Health and Welfare shall appoint appropriate staff to be trained and allocate adequate budget to establish and operate the system.



4-3 Necessary Arrangements for Equipment Installation

Limpopo Department of Health and Welfare shall ensure necessary arrangements for the removal of existing equipment, preparatory work for installation, and connection to electricity and water, as well as provide a temporary storeroom for equipment before delivery.

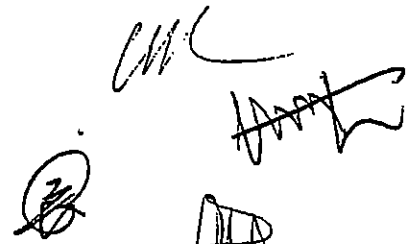
4-4 Necessary Arrangements for Construction of New Clinics and Visiting Point Shelters

Limpopo Department of Health and Welfare agreed to carry out the following arrangements in accordance with the schedule of the Project;

- (1) To secure the construction site of new clinics and visiting point shelters.
- (2) To ensure necessary arrangements of construction permission and any other authorisation required for construction of clinics and visiting point shelters.
- (3) To secure access road to the site and, if necessary, facilities for distribution of electricity, water supply and telephone lines to the site.

4-5 Motivation for Mobile Clinics

Limpopo Department of Health and Welfare shall submit additional written motivation pertaining to the three (3) excluded mobile clinics.

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Limpopo

PROVINCIAL GOVERNMENT

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THE BASIC DESIGN STUDY ON THE PROJECT FOR THE IMPROVEMENT OF THE HEALTH FACILITIES IN THE LIMPOPO PROVINCE OF THE REPUBLIC OF SOUTH AFRICA

MOTIVATION FOR THE MOBILE CLINICS FOR THE FARMS

The Limpopo Department of Health and Welfare has noted with concern, the decision taken by JICA/Government of Japan to exclude three of the requested eight mobile clinics from the Requested Japan's Grant Aid Scheme Assistance.

The decision may have been taken without a full understanding of the need of the communities to be served and also the South African health policy pertaining to Primary Health Care services and the right of access to health services.

The constitution of the Republic of South Africa, through its Bill of Rights, states that:

"Everyone has the right to have access to health care services, including reproductive health care"

In 1994, the South African Government committed itself to transforming the health sector in order to unify fragmented health services at all levels into a comprehensive and integrated National Health System for purposes of addressing socio-economic injustices, imbalances and inequities of health services of the past. The District Health System is a vehicle to deliver Primary Health Care Services.

The National Health Bill being piloted through Parliament further endeavours to provide a framework for a structured uniform health system within the Republic, taking into account the obligations imposed by the Constitutions and other laws on the national, provincial and local governments with regard to health services, and to provide for matters connected therewith.

Primary health care, of which mobile services are part of, is the basis of government policy and a priority. The MEC's 2002/03 and 2003/04 Speeches had prioritised Mobile clinics to increase access to Primary Health Care Services

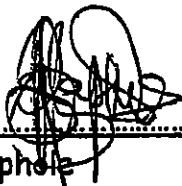
To speed up delivery of an essential package of services through the district health system, all primary care facilities must run community outreach programs aimed at galvanising the energies of communities so that they actively participate in health programs, in particular the preventive and promotive aspects of health service. Farm workers form part of communities.

The official policy of the Department of Health is that the health of farm workers is a sole responsibility of government. The provisions of the Occupational Health and Safety Act further support this.

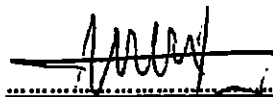
Mobile clinics are used in rural areas, informal settlements and farms. Each is operated by a team of three (3) and serve a population of approximately five to ten thousand (5 - 10 000).

The area to be served by the original eight (8) mobile clinics has 450 visiting points. The three excluded vehicles would, on the average, serve fifty-six (56) visiting points. All mobile clinics do not operate on the farms only, but also visit other rural villages, e.g. Ga-Modjadji. In reality, the mobile clinics serve the rural villages and adjoining commercial farms.

Having noted the above government policy imperatives and priorities, we therefore, humbly request that JICA/Government of Japan rescind the decision to exclude these mobile clinics. The availability of these mobile clinics will greatly improve service delivery in both the rural villages and surrounding commercial farms which are a responsibility of the Provincial Department of Health and Welfare.



.....
Dr P Kgaphole
(General Manager: DHS & PHC)



.....
Mr J. Ledwaba
(Project Manager)

DATE: 07th August 2003



6. Examination of the Requested Equipment

Examination of the requested equipment

Request No.	Project No.	Spec No	Description	Qty Requested	Classification	Purpose	Necessity	Technical Level	Maintenance	Operation Cost	Qty modified	Eligibility	Note	Qty Planned
LETABA REGIONAL HOSPITAL														
CASUALTY														
CAS-01			Cervical collars set, various size	5	renew	O	x	O	O	O	-	x	Can be purchased by own budget	0
CAS-02			IV stand	8	renew	O	x	O	O	O	-	x	Can be purchased by own budget	0
CAS-03			Emergency cart with defibrillator	1	renew	O	x	O	O	O	-	x	3 sets already provided	0
CAS-04	H-L-A-01	38	Instrument set, for treatment	4	renew	O	O	O	O	O	O	O	Renewal of old one	4
CAS-05			Operation light, mobile with battery back	1	renew	O	x	O	O	O	-	x	There is an Emergency operation t	0
CAS-06			Pulse oxymeter	1	renew	O	x	O	O	O	-	x	Already provided	0
CAS-07			Resuscitator with mask, for adult & pae	1	renew	O	x	O	O	O	-	x	Already provided	0
CAS-08			Resuscitator with mask, for infant	1	renew	O	x	O	O	O	-	x	Already provided	0
CAS-09			Suction unit – electric, mobile	1	renew	O	x	O	O	O	-	x	Already provided	0
CAS-10			Wheelchair	1	renew	O	x	O	O	O	-	x	Already provided	0
CAS-11			Laryngoscope set, for adult & paediatric	1	renew	O	x	O	O	O	-	x	Already provided	0
CAS-12			Laryngoscope set, for infant	1	renew	O	x	O	O	O	-	x	Already provided	0
SPECIALISED OPD														
SOD-01			Weighing scale, for adult	2	renew	O	x	O	O	O	-	x	Can be purchased by own budget	0
SOD-02			Basin stand, double with s/s basins	8	renew	O	x	O	O	O	-	x	Can be purchased by own budget	0
SOD-03			Diagnostic set (incl. ophthalmoscope & e	8	renew	O	x	O	O	O	-	x	Already have enough	0
SOD-04	H-L-B-01	43	ECG, 6 channel	1	renew	O	O	O	O	O	O	O	Needed for electrocardiogram	1
SOD-05			EEG, 14 channel	1	new	O	x	x	O	O	-	x	Difficult to handle	0
SOD-06	H-L-B-02	51	Ultrasonic nebulizer	2	renew	O	O	O	O	O	Δ	O	For treatment of respiratory diso	1
SOD-07			Glucometer	5	renew	O	x	O	O	O	-	x	Can be purchased by own budget	0
SOD-08			Height measure	2	renew	O	x	O	O	O	-	x	Can be purchased by own budget	0
SOD-09			Laryngoscope set, in case	1	renew	O	x	O	O	O	-	x	Can be purchased by own budget	0
SOD-10			Medicine cabinet	5	renew	O	x	O	O	O	-	x	Can be purchased by own budget	0
SOD-11			Blood pressure monitor	2	renew	O	x	O	O	O	-	x	1 unit transferred from ICU	0
SOD-12			Sphygmomanometer, desk type	8	renew	O	x	O	O	O	-	x	Can be purchased by own budget	0
SOD-13			Spirometer	1	new	O	x	x	O	O	-	x	Difficult to handle	0
SOD-14			Stethoscope	10	renew	O	x	O	O	O	-	x	Can be purchased by own budget	0
SOD-15			Ultrasound scanner	1	renew	O	x	O	O	O	-	x	Already provided	0
SOD-16			X-ray viewing box, single film	2	renew	O	x	O	O	O	-	x	Can be purchased by own budget	0
SOD-17			Screen, mobile 4 section	6	renew	O	x	O	O	O	-	x	Can be purchased by own budget	0
SOD-18			Reflex Hammer	4	renew	O	x	O	O	O	-	x	Can be purchased by own budget	0
SOD-19			Tuning Fork (128Db)	2	renew	O	x	O	O	O	-	x	Can be purchased by own budget	0
SOD-20	H-L-B-03	38	Instrument set, for treatment	8	renew	O	O	O	O	O	Δ	O	1 set for Surgery and Orthopedics each	2
SOD-21			Instrument cabinet	8	renew	O	x	O	O	O	-	x	No enough space	0
SOD-22			Instrument cart	8	renew	O	x	O	O	O	-	x	No enough space	0
SOD-23			Ophthalmoscope	1	renew	O	x	O	O	O	-	x	Already provided	0
SOD-24			Oloscope	1	new	O	x	O	O	O	-	x	Already provided	0
SOD-25			Sight tester	1	new	O	x	x	O	O	-	x	No specialist	0
SOD-26			Slit lamp	1	new	O	x	x	O	O	-	x	No specialist	0
SOD-27			Tonometer	1	renew	O	x	x	O	O	-	x	No specialist	0
SOD-28	H-L-B-04	19	Trial lens set	1	renew	O	O	O	O	O	O	O	Basic test by nurse	1
SOD-29			Instrument set, for biopsy	2	renew	O	x	O	O	O	-	x	Provided in Operation theatre	0
SOD-30			Laryngoscope set, in case	2	renew	O	x	O	O	O	-	x	Already provided	0
GENERAL OPD														
GOD-01	H-L-C-01	41	Diagnostic set		renew	O	O	O	O	O	O	O	Basic equipment for nurse	4
GOD-02	H-L-C-02	18	Blood pressure monitor	2	renew	O	O	O	O	O	Δ	O	Used for screening at OPD	2
GOD-03	H-L-C-03	38	Instrument set, for treatment		renew	O	O	O	O	O	O	O	Basic instrument set	4
GOD-04	H-L-C-04	10	Instrument cabinet		renew	O	O	O	O	O	O	O		4
GOD-05	H-L-C-05	9	Instrument cart		renew	O	O	O	O	O	O	O		4
GOD-06	H-L-C-06	23	Dental unit	2	renew	O	O	O	O	O	O	O	Include compressor, bar set	2
GOD-07	H-L-C-07	54	Instrument set for dental treatment	2	renew	O	O	O	O	O	Δ	O	4 sets to be renewed	4
GOD-08			Autoclave	1	renew	O	x	O	O	O	-	x	Already provided	0
PAEDIATRIC														
PED-01			Pulse oxymeter	1	renew	O	x	O	O	O	-	x	Provided in Obstetrics for newborn	0
PED-02			Medicine cabinet	1	renew	O	x	O	O	O	-	x	Can be purchased by own budget	0
PED-03			Dressing trolley	1	renew	O	x	O	O	O	-	x	Can be purchased by own budget	0
PED-04			Double foot step	1	renew	O	x	O	O	O	-	x	Can be purchased by own budget	0
PED-05			Height measure, for paediatric	2	renew	O	x	O	O	O	-	x	Can be purchased by own budget	0
PED-06			Infant incubator, handy type	1	renew	O	x	O	O	O	-	x	Already provided	0
PED-07	H-L-D-01	4	Infant warmer	2	renew	O	O	O	O	O	Δ	O	1 set to be renewed	1
PED-08			Syringe pump	2	new	O	x	O	O	O	-	x	Not used presently	0
PED-09	H-L-D-02	64	Infusion pump	2	renew	O	O	O	O	O	O	O	2 sets to be renewed	2
PED-10	H-L-D-03	2	Laryngoscope set, in case	2	renew	O	O	O	O	O	O	O		1
PED-11	H-L-D-04	3	Laryngoscope set, in case		renew	O	O	O	O	O	O	O		1
PED-12	H-L-D-05	40	Neonatal monitor	1	renew	O	O	O	O	O	O	O	Renew the old one	1
PED-13	H-L-D-06	21	Oxygen tent	2	renew	O	O	O	O	O	O	O	For ICU in Pediatrics	1
PED-14	H-L-D-07	7	Phototherapy unit	2	renew	O	O	O	O	O	Δ	O	Renew the old one	1
PED-15	H-L-D-08	46	Resuscitator for infant	2	renew	O	O	O	O	O	Δ	O	Renew the old one	1
PED-16	H-L-D-09	45	Resuscitator for adult & paediatric	2	renew	O	O	O	O	O	Δ	O	Renew the old one	1
PED-17			Stethoscope	4	renew	O	x	O	O	O	-	x	Can be purchased by own budget	0
PED-18	H-L-D-10	13	Suction unit, portable	2	renew	O	O	O	O	O	O	O		2
PED-19	H-L-D-11	51	Ultrasonic nebulizer	2	renew	O	O	O	O	O	O	O	For treatment of respiratory diso	2
PED-20			Ventilator for infant and paediatric		renew	O	x	O	O	O	-	x	1 unit transferred from ICU	0
PED-21			Weighing scale, for paediatric	4	renew	O	x	O	O	O	-	x	Can be purchased by own budget	0
PED-22			IV stand	4	renew	O	x	O	O	O	-	x	Can be purchased by own budget	0
PED-23			Instrument cart	2	renew	O	x	O	O	O	-	x	Can be purchased by own budget	0
PED-24			Medicine cabinet	1	renew	O	x	O	O	O	-	x	Can be purchased by own budget	0

Examination of the requested equipment

Request No.	Project No.	Spec No	Description	Qty Requested	Classification	Purpose	Necessity	Technical Level	Maintenance	Operation Cost	Qty modified	Eligibility	Note	Qty Planned
PED-25	H-L-D-12	10	Instrument cabinet	1	renew	○	○	○	○	○	○	○		1
PED-26	H-L-D-13	38	Instrument set, for treatment	4	renew	○	○	○	○	○	△	○	2 sets to be renewed	2
Gynaecology/Obstetrics														
OBG-01			Amnioscope	1	renew	○	x	○	○	○	-	x	Already provided	0
OBG-02			Patient monitor	1	renew	○	x	○	○	○	-	x	1 unit transferred from ICU	0
OBG-03	H-L-E-01	53	Doppler fetus detector	2	renew	○	○	○	○	○	○	○	Basic type with rechargeable batt	2
OBG-04			Dressing trolley	2	renew	○	x	○	○	○	-	x	Can be purchased by own budget	0
OBG-05	H-L-E-02	59	Instrument set for delivery	4	renew	○	○	○	○	○	○	○	Basic instrument set	4
OBG-06			Weighing scale, for infant	2	renew	○	x	○	○	○	-	x	Can be purchased by own budget	0
OBG-07			Laryngoscope set for neonates	1	renew	○	x	○	○	○	-	x	Already provided	0
OBG-08			Laryngoscope set for adult	1	renew	○	x	○	○	○	-	x	Already provided	0
OBG-09			Resuscitator, for adult	1	renew	○	x	○	○	○	-	x	Already provided	0
OBG-10			Resuscitator, for infant	1	renew	○	x	○	○	○	-	x	Already provided	0
OBG-11			Suction unit	2	renew	○	x	○	○	○	-	x	Already provided	0
OBG-12	H-L-E-03	14	Vacuum Extractor	1	renew	○	○	○	○	○	○	○		1
OBG-13			Weighing scale, for adult	1	renew	○	x	○	○	○	-	x	Can be purchased by own budget	0
OBG-14	H-L-E-04	58	Cardiotocograph	1	renew	○	○	○	○	○	○	○	For detecting haert rate of fetus	1
OBG-15			Hysteroscope	1	new	○	x	○	○	○	-	x	Not used often	0
OBG-16			Emergency trolley	1	renew	○	x	○	○	○	-	x	Already provided	0
OBG-17	H-L-E-05	22	Instrument set, for Obstetric/Gynaecolo	2	renew	○	○	○	○	○	○	○	Basic instrument set	2
OBG-18			Instrument set, for treatment	2	renew	○	x	○	○	○	-	x	Included in Instrument set for OB	0
OBG-19	H-L-E-06	57	Bilirubinmeter	1	renew	○	○	○	○	○	○	○	Non invasive tipe	1
RADIOLOGY														
RAX-01	H-L-F-01	6	X-ray protection set	1	renew	○	○	○	○	○	○	○	Include apron, gloga.	1
RAX-02			I.D printer	1	renew	○	x	○	○	○	-	x	Already provided	0
RAX-03	H-L-F-02	5	X-ray apparatus, general purpose or ren	1	renew	○	○	○	○	○	○	○	Renew the old one	1
OPERATION THEATRE														
OTR-01			Instrument cabinet – floor standing	4	renew	○	x	○	○	○	-	x	Already provided	0
OTR-02			Instrument trolley	4	renew	○	x	○	○	○	-	x	Already provided	0
OTR-03			Laryngoscope set, for paediatric	1	renew	○	x	○	○	○	-	x	Already provided	0
OTR-04			Laryngoscope set, for adult	4	renew	○	x	○	○	○	-	x	Already provided	0
OTR-05			Resuscitator, for adult & paediatric	4	renew	○	x	○	○	○	-	x	Already provided	0
OTR-06			Suction unit, 2 bottle mobile	4	renew	○	x	○	○	○	-	x	Already provided	0
OTR-07	H-L-G-01	30	Operation instrument set for Appendect	2	renew	○	○	○	○	○	○	○	Basic instrument set	2
OTR-08	H-L-G-02	26	Operation instrument set for Finger bon	2	renew	○	○	○	○	○	△	○	1 set to be renewed	1
OTR-09	H-L-G-03	24	Operation instrument set for Gastrector	2	renew	○	○	○	○	○	△	○	1 set to be renewed	1
OTR-10	H-L-G-04	32	Operation instrument set for Hand surg	2	renew	○	○	○	○	○	△	○	1 set to be renewed	1
OTR-11	H-L-G-05	27	Operation instrument set for Nephrecto	2	renew	○	○	○	○	○	△	○	1 set to be renewed	1
OTR-12	H-L-G-06	28	Operation instrument set for Prostect	2	renew	○	○	○	○	○	△	○	1 set to be renewed	1
OTR-13	H-L-G-07	29	Operation instrument set for Cholecystc	2	renew	○	○	○	○	○	△	○	1 set to be renewed	1
OTR-14	H-L-G-08	31	Operation instrument set for Cesarean	4	renew	○	○	○	○	○	○	○	Basic instrument set	4
OTR-15	H-L-G-09	25	Operation instrument set for General su	8	renew	○	○	○	○	○	△	○	4 sets to be renewed	4
OTR-16	H-L-G-10	44	Instrument set, for biopsy	2	renew	○	○	○	○	○	○	○		2
CSSD														
STR-01	H-L-H-01	20	High Pressure Steam Sterilizer	2	renew	○	○	○	○	○	△	○	Renew the old one	1
STR-02			Dressing drum	40	renew	○	x	○	○	○	-	x	Can be purchased by own budget	0
STR-03			Dressing drum stand	16	renew	○	x	○	○	○	-	x	Can be purchased by own budget	0
ICU/REANIMATION														
ICU-01			Dressing trolley	1	renew	○	x	○	○	○	-	x	Can be purchased by own budget	0
ICU-02			Syringe pump	4	renew	○	x	○	○	○	-	x	Not used presently	0
ICU-03	H-L-I-01	64	Infusion pump	4	renew	○	○	○	○	○	○	○	4 sets for 8 beds to be renewed	4
ICU-04			IV stand	8	renew	○	x	○	○	○	-	x	Can be purchased by own budget	0
ICU-05			Suction unit	4	renew	○	x	○	○	○	-	x	Can be purchased by own budget	0
LABORATORY														
LAB-01			Blood gas analyzer		renew	○	x	○	○	○	-	x	Can be used by other organization	0
LAB-02			Bilirubinmeter with Centrifuge	1	renew	○	x	○	○	○	-	x	Can be used by other organization	0
LAB-03			Electrolyte analyzer	1	renew	○	x	○	○	○	-	x	Can be used by other organization	0
PHYSIOTHERAPY														
PHY-01			Bicycle exerciser	1	renew	○	x	○	○	○	-	x	Can be purchased by own budget	0
PHY-02			Treadmill	1	renew	○	x	○	○	○	-	x	Can be purchased by own budget	0
PHY-03			Low frequency therapy unit	1	renew	○	x	○	○	○	-	x	Can be purchased by own budget	0
PHY-04			Infrared lamp	1	renew	○	x	○	○	○	-	x	Can be purchased by own budget	0
LAUNDRY														
LDR-01			Washing Machine for Laundry (load 10)	1	renew	○	x	○	○	○	-	x	Outsource the work to a private c	0
LDR-02			Extractor	1	renew	○	x	○	○	○	-	x	Outsource the work to a private c	0
LDR-03			Drying machine	1	renew	○	x	○	○	○	-	x	Outsource the work to a private c	0

Examinations of the requested equipment

Request No.	Project No.	Spec No.	Description	Qty Requested	Classification	Purpose	Necessity	Technical Level	Maintenance	Operation Cost	Qty Modified	Eligibility	Note	Qty Planned
Dr. C.N. PHATUDI DISTRICT HOSPITAL														
CASUALTY														
CAS-01			IV stand	4	renew	0	x	0	0	0	-	x	Can be purchased by own budget	0
CAS-02	H-P-A-01	15	Emergency cart	1	renew	0	0	0	0	0	0	0		1
CAS-03	H-P-A-02	33	Defibrillator	1	renew	0	0	0	0	0	0	0	Necessary at emergency OPD	1
CAS-04	H-P-A-03	38	Instrument set, for treatment	2	renew	0	0	0	0	0	0	0		2
CAS-05	H-P-A-04	1	Operation light, mobile with battery back	1	renew	0	0	0	0	0	0	0	Emergency backup included	1
CAS-06	H-P-A-05	55	Pulse oxymeter	1	renew	0	0	0	0	0	0	0		1
CAS-07			Resuscitator with mask, for adult & paediatric	1	renew	0	x	0	0	0	-	x	Included in Emergency cart	0
CAS-08			Resuscitator with mask, for infant	1	renew	0	x	0	0	0	-	x	Included in Emergency cart	0
CAS-09	H-P-A-06	12	Suction unit, 3L	1	renew	0	0	0	0	0	0	0		1
CAS-10			Wheelchair	1	renew	0	x	0	0	0	-	x	Can be purchased by own budget	0
CAS-11	H-P-A-07	3	Laryngoscope set, for adult & paediatric	1	renew	0	0	0	0	0	0	0		1
CAS-12	H-P-A-08	2	Laryngoscope set, for infant	1	renew	0	0	0	0	0	0	0		1
OPD (OUTPATIENT DEPARTMENT)														
OPD-01			Weighing scale, for adult	1	renew	0	x	0	0	0	-	x	Can be purchased by own budget	0
OPD-02			Basin stand, double with s/s basins	4	renew	0	x	0	0	0	-	x	Can be purchased by own budget	0
OPD-03			Diagnostic set (incl. ophthalmoscope & e	4	renew	0	x	0	0	0	-	x	Can be purchased by own budget	0
OPD-04	H-P-C-01	43	ECG, 6 channel	1	renew	0	0	0	0	0	0	0	Needed for electrocardiogram	1
OPD-05			Glucometer	4	renew	0	x	0	0	0	-	x	Can be purchased by own budget	0
OPD-06			Height measure	1	renew	0	x	0	0	0	-	x	Can be purchased by own budget	0
OPD-07			Laryngoscope set, in case	1	renew	0	x	0	0	0	-	x	Already provided	0
OPD-08	H-P-C-02	18	Blood pressure monitor	1	renew	0	0	0	0	0	0	0	Used for screening at OPD	1
OPD-09			Sphygmomanometer, desk type	4	renew	0	x	0	0	0	-	x	Can be purchased by own budget	0
OPD-10			Spirometer	1	renew	0	x	0	0	0	-	x	Difficult to handle	0
OPD-11			Stethoscope	8	renew	0	x	0	0	0	-	x	Can be purchased by own budget	0
OPD-12	H-P-C-03	50	Ultrasound scanner	1	renew	0	0	0	0	0	0	0	Renewal of old one	1
OPD-13			X-ray viewing box, single film	1	renew	0	x	0	0	0	-	x	Can be purchased by own budget	0
OPD-14			Screen, mobile 4 section	4	renew	0	x	0	0	0	-	x	Can be purchased by own budget	0
OPD-15			Reflex Hammer	4	renew	0	x	0	0	0	-	x	Can be purchased by own budget	0
OPD-16			Tuning Fork (128Db)	2	renew	0	x	0	0	0	-	x	Can be purchased by own budget	0
OPD-17	H-P-C-04	38	Instrument set, for treatment	4	renew	0	0	0	0	0	Δ	0	2 sets to be renewed	2
OPD-18	H-P-C-05	10	Instrument cabinet	4	renew	0	0	0	0	0	Δ	0	2 sets to be renewed	2
OPD-19			Instrument cart	4	renew	0	x	0	0	0	-	x	Already provided	0
SURGERY														
SUR-01			Instrument set, for biopsy	2	renew	0	x	0	0	0	-	x	Move to Operation theatre	0
SUR-02			Laryngoscope set, in case	2	renew	0	x	0	0	0	-	x	Already provided	0
PAEDIATRIC														
PED-01			Bilirubinmeter with Centrifuge	1	renew	0	x	0	0	0	-	x	Provided in Obstetrics for newborn	0
PED-02			Medicine cabinet	1	renew	0	x	0	0	0	-	x	Can be purchased by own budget	0
PED-03			Dressing trolley	1	renew	0	x	0	0	0	-	x	Can be purchased by own budget	0
PED-04			Double foot step	1	renew	0	x	0	0	0	-	x	Can be purchased by own budget	0
PED-05			Height measure, for paediatric	1	renew	0	x	0	0	0	-	x	Can be purchased by own budget	0
PED-06			Infant incubator, handy type	1	renew	0	x	0	0	0	-	x	Already provided	0
PED-07	H-P-D-01	4	Infant warmer	2	renew	0	0	0	0	0	Δ	0	Renew the old one	1
PED-08			Syringe pump	1	renew	0	x	0	0	0	-	x	Not used presently	0
PED-09	H-P-D-02	64	Infusion pump	1	renew	0	0	0	0	0	0	0		1
PED-10			Laryngoscope set, in case	2	renew	0	x	0	0	0	-	x	Already provided	0
PED-11	H-P-D-03	40	Neonatal monitor	1	renew	0	0	0	0	0	0	0		1
PED-12			Oxygen tent	2	renew	0	x	0	0	0	-	x	To use oxygen mask	0
PED-13	H-P-D-04	7	Phototherapy unit	1	renew	0	0	0	0	0	0	0		1
PED-14	H-P-D-05	46	Resuscitator, for infant	2	renew	0	0	0	0	0	Δ	0	1 set to be renewed	1
PED-15	H-P-D-06	45	Resuscitator, for adult & paediatric	2	renew	0	0	0	0	0	Δ	0	1 set to be renewed	1
PED-16			Stethoscope	2	renew	0	x	0	0	0	-	x	Can be purchased by own budget	0
PED-17	H-P-D-07	13	Suction unit, portable	2	renew	0	0	0	0	0	0	0		2
PED-18	H-P-D-08	51	Ultrasonic nebulizer	1	renew	0	0	0	0	0	0	0	For treatment of respiratory disc	1
PED-19			Ventilator for infant and paediatric	1	renew	0	x	0	0	0	-	x	No activity for ventilator perfor	0
PED-20			Weighing scale, for paediatric	2	renew	0	x	0	0	0	-	x	Can be purchased by own budget	0
PED-21			IV stand	2	renew	0	x	0	0	0	-	x	Can be purchased by own budget	0
PED-22			Instrument cart	2	renew	0	x	0	0	0	-	x	Already provided	0
PED-23			Medicine cabinet	1	renew	0	x	0	0	0	-	x	Already provided	0
PED-24	H-P-D-09	10	Instrument cabinet	1	renew	0	0	0	0	0	0	0		1
PED-25	H-P-D-10	38	Instrument set, for treatment	2	renew	0	0	0	0	0	Δ	0	1 set to be renewed	1
GYNAECOLOGY / OBSTETRICS														
OBG-01			Amnioscope	1	renew	0	x	x	0	0	-	x	No specialist	0
OBG-03	H-P-E-01	53	Doppler fetus detector	2	renew	0	0	0	0	0	0	0	Basic type with rechargeable batt	2
OBG-04			Dressing trolley	2	renew	0	x	0	0	0	-	x	Can be purchased by own budget	0
OBG-05	H-P-E-02	59	Instrument set, for delivery	4	renew	0	0	0	0	0	0	0	Basic instrument set	4
OBG-06			Weighing scale, for infant	2	renew	0	x	0	0	0	-	x	Can be purchased by own budget	0
OBG-07			Laryngoscope set for neonates	1	renew	0	x	0	0	0	-	x	Already provided	0
OBG-08			Laryngoscope set for adult	1	renew	0	x	0	0	0	-	x	Already provided	0
OBG-09	H-P-E-03	47	Resuscitator, for adult	1	renew	0	0	0	0	0	0	0		1
OBG-10	H-P-E-04	46	Resuscitator, for infant	1	renew	0	0	0	0	0	0	0		1
OBG-11	H-P-E-05	12	Suction unit, 3L	2	renew	0	0	0	0	0	0	0		2
OBG-13			Weighing scale, for adult	1	renew	0	x	0	0	0	-	x	Can be purchased by own budget	0
OBG-14	H-P-E-06	58	Cardiotocograph	1	renew	0	0	0	0	0	0	0	For detecting heart rate of fetus	1
OBG-16			Emergency trolley	1	renew	0	x	0	0	0	-	x	No need	0
OBG-17	H-P-E-07	22	Instrument set, for Obstetric/Gynaecolo	2	renew	0	0	0	0	0	0	0	Basic instrument set	2
OBG-18			Instrument set, for treatment	2	renew	0	x	0	0	0	-	x	Included in other instrument set	0

Examinations of the requested equipment

Request No.	Project No.	Spec No.	Description	Qty Requested	Classification	Purpose	Necessity	Technical Level	Maintenance	Operation Cost	Qty modified	Eligibility	Note	Qty Planned
OBG-19	H-P-E-08	57	Bilirubinmeter	1	renew	○	○	○	○	○	○	○	For jaundice check of newborn	1
RADIOLOGY														
RAX-01			Dark room accessories set	1	renew	○	x	○	○	○	-	x	Already provided	0
OPERATION THEATRE														
OTR-01			Instrument cabinet – floor standing	2	renew	○	x	○	○	○	-	x	Already provided	0
OTR-02			Instrument trolley	2	renew	○	x	○	○	○	-	x	Already provided	0
OTR-03			Laryngoscope set, for paediatric	1	renew	○	x	○	○	○	-	x	Already provided	0
OTR-04			Laryngoscope set, for adult	2	renew	○	x	○	○	○	-	x	Already provided	0
OTR-05	H-P-G-01	45	Resuscitator, for adult & paediatric	2	renew	○	○	○	○	○	Δ	○	1 set to be renewed	1
OTR-06			Suction unit, 2 bottle mobile	2	renew	○	x	○	○	○	-	x	Already provided	0
OTR-07	H-P-G-02	30	Operation instrument set for Appendect	2	renew	○	○	○	○	○	○	○	Basic instrument set	2
OTR-08			Operation instrument set for Finger bon	2	renew	○	x	○	○	○	-	x	No finger bone operation performe	0
OTR-09			Operation instrument set for Orthopedic	1	renew	○	○	x	○	○	-	x	No specialist	0
OTR-10	H-P-G-03	31	Operation instrument set for Cesarean	4	renew	○	○	○	○	○	○	○	Basic instrument set	4
OTR-11	H-P-G-04	25	Operation instrument set for General su	4	renew	○	○	○	○	○	○	○	4 sets to be renewed	4
OTR-12	H-P-G-05	44	Instrument set, for biopsy	4	renew	○	○	○	○	○	Δ	○	2 sets to be renewed	2
OTR-13	H-P-G-06	64	Infusion pump		renew	○	○	○	○	○	○	○	1 set in Reanimation room to be renewed	1
CSSD														
STR-02			Dressing drum	20	renew	○	x	○	○	○	-	x	Can be purchased by own budget	0
STR-03			Dressing drum stand	8	renew	○	x	○	○	○	-	x	Can be purchased by own budget	0
LABORATORY														
LAB-01			Blood gas analyzer	1	new	○	x	○	○	○	-	x	Can be used by other organization	0
LAB-02			Bilirubinmeter with Centrifuge	1	renew	○	x	○	○	○	-	x	Provided in OB/GY dep.	0
LAB-03			Electrolyte analyzer	1	renew	○	x	○	○	○	-	x	Can be used by other organization	0
OPHTHALMOLOGY														
OPT-01			Ophthalmoscope	1	renew	○	x	x	○	○	-	x	No specialist	0
OPT-02			Otoscope	1	renew	○	x	x	○	○	-	x	No specialist	0
OPT-03			Sight tester	1	renew	○	x	x	○	○	-	x	No specialist	0
OPT-04			Slit lamp	1	renew	○	x	x	○	○	-	x	No specialist	0
OPT-06			Trial lens set with trial frame & test char	1	renew	○	x	x	○	○	-	x	No specialist	0
DENTAL														
DNT-01	H-P-C-01	23	Dental unit	1	renew	○	○	○	○	○	○	○	1 set to be renewed	1
DNT-02	H-P-C-02	54	Instrument set, for dental treatment	1	renew	○	○	○	○	○	○	○	2 sets to be renewed	2
DNT-03			Steam Sterilizer Table Top	1	renew	○	x	○	○	○	-	x	Already provided	0
PHYSIOTHERAPY														
PHY-01			Bicycle exerciser	1	renew	○	x	○	○	○	-	x	Can be purchased by own budget	0
PHY-02			Treadmill	1	renew	○	x	○	○	○	-	x	Can be purchased by own budget	0
PHY-03			Low frequency therapy unit	1	renew	○	x	○	○	○	-	x	Can be purchased by own budget	0
PHY-04			Infrared lamp	1	renew	○	x	○	○	○	-	x	Can be purchased by own budget	0
LAUNDRY														
LDR-01			Washing Machine for Laundry (load 100	1	renew	○	x	○	○	○	-	x	Outsource the work to a private c	0
LDR-02			Extractor	1	renew	○	x	○	○	○	-	x	Outsource the work to a private c	0
LDR-03			Drying machine	1	renew	○	x	○	○	○	-	x	Outsource the work to a private c	0

Examinations of the requested equipment (HC/Clinic)

Request No.	Project No.	Spec No.	Description	Q'ty requested		Q'ty planned		Note	Mgdeni Grace HC							Nkawkowa HC					Tzaneen Local Area					Julesburg HC					Shilvane HC									
				HC	CL	Total	HC		CL	HC	1-1	1-2	1-3	1-4	1-5	1-6	1-7	HC	2-1	2-2	2-3	2-4	2-5	3-1	3-2	3-3	3-4	3-5	HC	4-1	4-2	4-3	4-4	4-5	HC	5-1	5-2	5-3	5-4	5-5
HEALTH CENTER / CLINIC																																								
HL-01			Audiometer	5		0	0	0	Excluded																															
HL-02	HCL-01	62	Autoclave	4	27	28	4	24	Except for 3 clinics without power supply	1	0	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	
HL-03	HCL-02	18	Blood pressure monitor	4	27	28	4	24	1 each	1	0	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0		
HL-04			Computer with printer	4		0	0	0	Excluded																															
HL-05	HCL-03	60	Delivery table		3	3	0	3	1 for new 3 clinics	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HL-06	HCL-04	48	Digital thermometer	8	54	35	8	27	6 pc/unit, 1 unit for clinic, 2 units for HC	2	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	2	1	1	1	1
HL-07			Doppler fetus detector	8	27	0	0	0	Excluded																															
HL-08	HCL-05	34	Dressing trolley	4	27	6	0	6	2 for new 3 clinics	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HL-09			ECG, 6 channel	4		0	0	0	Excluded																															
HL-10			Emergency box	4	27	0	0	0	Excluded																															
HL-11			Emergency cart	4	27	0	0	0	Excluded																															
HL-12	HCL-06	39	Examination light	8	27	12	0	12	1 for new 3 clinics	0	0	0	0	0	0	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HL-13	HCL-07	16	Glucose meter	8	27	31	4	27	1 each	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
HL-14	HCL-08	41	Diagnostic set	4	27	62	8	54	2 each	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
HL-15	HCL-09	61	Hemoglobinometer	4	27	31	4	27	1 each	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
HL-16			Infant incubator	4		0	0	0	Excluded																															
HL-17	HCL-10	4	Infant warmer	4	24	2	2	0	MG1, NK1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HL-18	HCL-11	38	Instrument set for treatment	16	54	31	4	27	1 per treatment room	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
HL-19	HCL-12	59	Instrument set for delivery	4	27	34	7	27	MG3, NK2, Clinic 1	3	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
HL-20			IV stand	8	27	0	0	0	Excluded																															
HL-21			Laryngoscope set for adult	4	27	0	0	0	Excluded																															
HL-22			Laryngoscope set for infant	4	27	0	0	0	Excluded																															
HL-23	HCL-13	63	Medicine cabinet	4	27	9	0	9	3 for new 3 clinics	0	0	0	0	0	0	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HL-24			Oxygen generator	4	27	0	0	0	Excluded																															
HL-25			Oxygen meter	1	27	0	0	0	Excluded																															
HL-26	HCL-14	56	Peak flow meter	8	54	66	12	54	2 each	2	2	2	2	2	2	2	2	2	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
HL-27	HCL-15	65	Reflex hammer	4	27	31	4	27	1 each	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
HL-28	HCL-16	46	Resuscitator for infant	4	27	31	4	27	1 each	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
HL-29	HCL-17	45	Resuscitator for adult and paediatric	4	27	31	4	27	1 each	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
HL-30	HCL-18	35	Snellen chart, literate	4	27	31	4	27	1 each	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
HL-31	HCL-19	36	Snellen chart, illiterate	4	27	31	4	27	1 each	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
HL-32	HCL-20	17	Sphygmomanometer	4	27	93	12	81	3 each	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
HL-33	HCL-21	52	Stethoscope	16	70	141	50	91	Same as the no. of nurse	10	4	3	3	4	4	5	1	15	4	4	4	4	2	7	3	2	1	4	12	5	3	3	3	4	13	2	3	3	4	2
HL-34			Suction unit, manual	4	27	0	0	0	Excluded																															
HL-35	HCL-22	13	Suction unit, portable	4	27	5	2	3	MG1, Nk1, and 1 for new 3 clinics	1	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HL-36			Tonometer (intra-ocular pressure)	4	27	0	0	0	Excluded																															
HL-37	HCL-23	11	Tuning fork (128dB)	4	27	31	4	27	1 each	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
HL-38			Ultrasonic nebulizer	4	27	0	0	0	Excluded																															
HL-39			Vaccine refrigerators	4	27	0	0	0	Already provided																															
HL-40	HCL-24	42	Weighing and height scale	4	27	37	8	29	1 for each facility and 1 more for more than 36000 patients	2	1	1	1	1	1	1	1	2	1	1	1	1	1	2	1	1	1	2	2	1	1	1	1	1	2	1	1	1	1	
HL-41	HCL-25	49	Weighing scale for Infant	4	27	31	4	27	1 each	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Mobile Clinic																																								
M-01	MCL-01	37	Vehicle for mobile clinic	8		5	5	0	Visiting a private farm excluded																															
M-02	MCL-02	8	Audiometer	5		5	5	0	1 in Vehicle	1																														

Note for Clinic Number

1-1 Makgope, 1-2 Mamitwa, 1-3 Nyavana, 1-4 Mokgwathi, 1-5 Ramotshinyadi, 1-6 Ooghoek, 1-7 Dr. Hugo , 2-1 Letsitele, 2-2 Mohlaba, 2-3 Khujwana, 2-4 Dan, 2-5 Mariveni,
 3-1 Tzaneen, 3-2 Motupa, 3-3 Morapalala, 3-4 Madumane, 3-5 Morutji, 4-1 Carlotta, 4-2 Tours, 4-3 Mogapeng, 4-4 Zangoma, 4-5 Jamela, 5-1 Mogoboya, 5-2 Maake, 5-3 Lenyenyene, 5-4 Lephephane, 5-5 Moime
 Outlined number : Facilities without power supply
 Grayed number : Clinics for newly construction under the project (2-1 Letsitele, 2-2 Mohalaba, 5-2 Maake)

Examinations of requested equipment (vehicle)

Request No.	Project No.	Spec No	Local Aea	Mobile Clinic	Type (year)	Q'ty Requested	Classification	Purpose	Necessity	Technical Level	Maintenance	Operation Cost	Q'ty modified	Eligibility	Note	Q'ty Planned
M-01			Tzaneen Local Area	Tzaneen	Toyota Crecida (1989)	1	Renew	x					?	x	Used in private farms	0
M-02	MCL-01A	37	Tzaneen Local Area	Deerpark	Mazda 323(1989)	1	Renew						?		Over 900 visitors/month, used in school, nursery	1
M-03		37	Mgodeni Grace HC	Constatia	Toyota Venture (1993)	1	Renew	x					?	x	Used in private farms	0
M-04	MCL-01B		Mgodeni Grace HC	Mugodeni	Toyota Venture (1996)	1	Renew						?		Over 3600km/month, used in village, nursery, home	1
M-05	MCL-01C	37	Julesburg HC	Julesburg	Toyota Venture (1992)	1	Renew						?		20 visits/month, car older than 11 years	1
M-06	MCL-01D	37	Shilvana HC	Shiluvana	Toyota Venture (1992)	1	Renew						?		Used in village, car older than 11 years	1
M-07	MCL-01E	37	Nkowankowa HC	Nkowankowa	Toyota Venture (1993)	1	Renew						?		Used in village, school, nursery, over 900 visitors/month	1
M-08			Nkowankowa HC	Letsitele	Toyota Venture (1995)	1	Renew	x					?	x	Used in private farms	0