

Appendices

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1. Member List of the Study Team

MEMBERS LIST OF THE STYDY TEAM

1. Basic Design Study

Prof. Iwao TAKAKURA	Team Leader	Professor Emeritus, Tokai University
Mr. Masaru KOZONO	Project Coordinator	Grant Aid Management Dept., JICA
Mr. Yoji ISHIKAWA	Project Manager/ Referral System Planner	ITEC
Mr. Tadayoshi TSUMOTO	Architectural Designer	Yamashita Sekkei Inc.
Mr. Shigehito AKAGI	Equipment Planner 1	ITEC
Mr. Hiroyuki KIMURA	Equipment Planner 2	ITEC
Mr. Mitsuhiro NASU	Facilities and Utilities Planner 1	Yamashita Sekkei Inc.
Mr. Go MIZUKAMI	Facilities and Utilities Planner 2	Yamashita Sekkei Inc.
Ms. Yoshino OMURA	Procurement and Cost Planner	Yamashita Sekkei Inc.
Mr. Izumi ATSUTA	Baseline Surveyor	ITEC
Mr. Go YAMADA	Coordinator	ITEC

2. Explanation of the Draft Report

Prof. Iwao TAKAKURA	Team Leader	Professor Emeritus, Tokai University
Ms. Tomoko INUJIMA	Grand Aid Cooperation	Economic Cooperation Bureau, Grant Aid Division, Ministry of Foreign Affairs
Mr. Kenji KATAI	Project Coordinator	Procurement Dept. , JICA
Mr. Yoji ISHIKAWA	Project Manager/ Referral System Planner	ITEC
Mr. Tadayoshi TSUMOTO	Architectural Designer	Yamashita Sekkei Inc.
Mr. Shigehito AKAGI	Equipment Planner 1	ITEC
Ms. Yoshino OMURA	Procurement and Cost Planner	Yamashita Sekkei Inc.

2. Study Schedule

Survey Schedule (Basic Design Study)

	Government Member	Project Manager / Referral System Planner	Equipment Planner 1	Architectural Designer	Baseline Surveyor	Coordinator	Equipment Planner 2	Facilities and Utilities Planner 1	Facilities and Utilities Planner 2	Procurement and Cost Planner	
Name		Yoji Ishikawa	Shigehito Akagi	Tadayoshi Tsumoto	Izumi Atsuta	Go Yamada	Hiroyuki Kimura	Mitsuhiro Nasu	Go Mizukami	Yoshino Omura	
Duration (Days)	16	35	35	30	26	35	35	35	23	28	
1	31-Mar	Depart. NRT	NRT-SIN SQ997 (1200/1750)								
2	1-Apr	Arrival JNB	SIN-JNB SQ406 (0120/0730) (J)								
3	2-Apr	Courtesy Visit Embassy of Japan, JICA, National Department of Health and USAID (MSH) (J)				Study on Cost of Medical Equipment at Local Agents (J)		Courtesy Visit EOJ, JICA, National Department of Health and			
4	3-Apr	Courtesy Call and Meeting at World Bank JNB-DUR SA563(1500/1610), DUR-PTM (J)			(Meeting with Local Geographical Survey Company and Cooperative Office)	Courtesy Call and Meeting at World Bank	Study on Cost of Medical Equipment at Local Agents		Courtesy Call and Meeting at World Bank		
5	4-Apr	Courtesy Call and Meeting at KwaZulu-Natal Provincial Department of Health PTM-RIB (R)									
6	5-Apr	Courtesy Call and Meeting at DC28 District Health Office, Site Survey at Ngwelezana Hospital, Site Survey at Nseleni (New CHC Site and Clinics) (R)				PCM Workshop 1 (R)					
7	6-Apr	Site Survey at Empangeni Hospital and their neighboring Clinics, PCM Workshop 2 (R)				PCM Workshop 2 (R)		Health Facility Site Survey (Team B) (R)			
8	7-Apr	Site Survey at the Neighboring Clinics of Richards Bay (R)					Health Facility Site Survey (Team B) (R)		NRT-SIN SQ997 (1200/1750)		
9	8-Apr	Team Meeting / Study Data (R)								SIN-JNB SQ012 (0120/0730) (J)	
10	9-Apr	Site Survey at Eshowe Hospital and Catharine Booth Hospital RIB-PTM (P)				PCM Workshop 3 (R)		Health Facility Site Survey (Team B) (R)		Facility-related Study (J)	Study on Cost of Material and Equipment (J)
11	10-Apr	Discussion on "Minutes of Discussions" with KwaZulu-Natal Provincial Department of Health, Making Decision on Construction of New CHC at Nseleni, (Request of Geographical Survey) (P)					Health Facility Site Survey (Team B) (R)		Facility-related Study JNB-DUR SA567 (1600/1710) DUR-PTM (P)	Study on Cost of Material and Equipment JNB-DUR SA567 (1600/1710) DUR-PTM (P)	
12	11-Apr	Signing on "Minutes of Discussions" with KwaZulu-Natal Provincial Department of Health PTM-DUR DUR-JNB SA574 (1800/1910) (J)			(Meeting at KwaZulu-Natal Provincial Public Construction Office)	PTM-RIB (R)		Health Facility Site Survey (Team B) (R)		Meeting at KwaZulu-Natal Provincial Public Construction Office, Study on Weather Conditions DUR-RIB (R)	Study on Procurement about Construction in Durban
13	12-Apr	Signing on "Minutes of Discussions" with National Department of Health, Report to Embassy of Japan and JICA (J)		Health Facility Site Survey (Team A) (R)			Health Facility Site Survey (Team B) (R)		Health Facility Site Survey (Team A) (R)	Study on Grade and Method of Construction	
14	13-Apr	Depart. JNB	JNB-DUR SA559 (1400/1510) DUR-RIB (R)	Team Meeting (R)							
15	14-Apr	Arrival NRT	Team Meeting (R)								
16	15-Apr	Team Meeting (R)									
17	16-Apr	RIB-DUR DUR-ELN SA1303 (1405/1525) (E)	Team Meeting (R)		RIB-DUR DUR-ELN SA1303 (1405/1525) (E)	Team Meeting (R)					
18	17-Apr	Courtesy call MSH and Discussion on their Activities ELN-DUR SA1304 (1515/1705) DUR-RIB (R)		Health Facility Site Survey (Team A) (R)	Courtesy call MSH and Discussion on their Activities ELN-DUR SA1304 (1515/1705) DUR-RIB (R)	Health Facility Site Survey (Team A) (R)	Health Facility Site Survey (Team B) (R)	Health Facility Survey (Team A) (R)			
19	18-Apr	Health Facility Site Survey (Team A) (R)			(Instructions for Geographical Survey, Survey at Existing CHCs)	Health Facility Site Survey (Team B) (R)		Health Facility Survey (Team A) (R)			
20	19-Apr	Health Facility Site Survey (Team A) (R)									
21	20-Apr	PCM Workshop 4 (R)	Health Facility Site Survey (Team A) (R)		PCM Workshop 4 (R)	Health Facility Site Survey (Team A) (R)	Health Facility Site Survey (Team B) (R)	Health Facility Survey (Team A) (R)			
22	21-Apr	Team Meeting (R)									
23	22-Apr	Team Meeting RIB-PTM (P)			Team Meeting (R)	RIB-PTM (P)	Team Meeting (R)				
24	23-Apr	Meeting at KwaZulu-Natal Department of Health (P)	Study on Procurement of Equipment (P)	Procedure for Permission of Construction, Meeting with the Authorities concerned RIB-PTM (P)	PDM Work (P)	Health Facility Site Survey (Team B) (R)		Procedure for Permission of Construction, Meeting with the Authorities concerned RIB-PTM (P)	Study on Charge for Public Services and Tax Exemption, Customs Duties, etc. RIB-PIM (P)		
25	24-Apr	Meeting at KwaZulu-Natal Department of Health (P)	Study on Specifications of Equipment (P)	Meeting at KwaZulu-Natal Department of Health and Public Construction Office PTM-DUR DUR-JNB SA570 (1700/1810) (J)	PTM-DUR DUR-JNB SA546 (1100/1210) JNB-SIN SQ405 (1415/0615+1)	Health Facility Site Survey (Team B) (R)		Meeting at KwaZulu-Natal Department of Health and Public Construction Office PTM-DUR DUR-JNB SA570 (1700/1810) (J)	Study on Cost of Material and Equipment PTM-DUR DUR-JNB SA570 (1700/1810) (J)		
26	25-Apr	Meeting at KwaZulu-Natal Department of Health (P)	Study on Specifications of Equipment (P)	Architecture-related Study (J)	SIN-NRT SQ012 (0950/1735)	Health Facility Site Survey (Team B) (R)		Facility-related Study (J)			
27	26-Apr	Meeting at KwaZulu-Natal Department of Health (P)		Architecture-related Study (J)	RIB-PTM Meeting at KwaZulu-Natal Department of Health (P)		Analysis on Results of Geographical Survey (J)		Analysis of Questionnaires (J)		
28	27-Apr	Preparation for Report (P)	Preparation for Specifications (P)	Preparation for Report (J)	Preparation for Specifications (P)		Preparation for Report of Facility Plan (P)	Preparation for Report of Facility Plan (J)	Preparation for Report of Procurement Plan (J)		
29	28-Apr	Team Meeting (P)			JNB-SIN SQ405 (1415/0615+1)	Team Meeting (P)		JNB-SIN SQ405 (1415/0615+1)	Preparation for Report for Procurement Plan (J)		
30	29-Apr	PTM-DUR DUR-JNB SA546 (1100/1210) (J)		SIN-NRT SQ012 (0950/1735)	PTM-DUR DUR-JNB SA546 (1100/1210) (J)		SIN-NRT SQ012 (0950/1735)		Preparation for Report for Procurement Plan (J)		
31	30-Apr	Visit to Other Donors' Offices (J)				Study on Procurement of Equipment (J)		Facility-related Study (J)		Supplementary Study about Material and Equipment (J)	
32	1-May	Preparation for Report (J)				Preparation for Report (J)					
33	2-May	Report to Embassy of Japan, JICA, and National Department of Health (J)				Report to Embassy of Japan, JICA, and National Department of Health (J)					
34	3-May	JNB-SIN SQ405 (1415/0615+1)									
35	4-May	SIN-NRT SQ012 (0950/1735)									

<STAYING PLACE>
(J) = Johannesburg or Pretoria
(P) = Pietermaritzburg or Durban
(R) = Richards Bay
(E) = East London

<CITY NAME>
JNB = Johannesburg
DUR = Durban
PTM = Pietermaritzburg
RIB = Richards Bay
ELN = East London
SIN = Singapore

Survey Schedule for Explanation of Draft Report
Basic Design Study on the Project for Improvement of the Health Facilities in the Kwazulu-Natal Province

			Team Leader	Project Coordinator	Grant Aid Cooperation	Project Manager / Referral System Planner	Architectural Designer	Equipment Planner 1	Procurement and Cost Planner
Name			Iwao Takakura	Keiji Katai	Tomoko Inujima	Yoji Ishikawa	Tadayoshi Tsumoto	Shigehito Akagi	Yoshino Omura
Duration (Days)						24	24	24	24
1	28-Jul	Sat	SQ997 NRT-SIN (12:00/17:50)			SQ997 NRT-SIN (12:00/17:50)			
2	29-Jul	Sun	SQ406 SIN-JNB (01:20/07:30) (J)			SQ406 SIN-JNB (01:20/07:30) (J)		SA547 JNB-DUB (11:00/12:10) (D)	
3	30-Jul	Mon	Courtesy Call to Embassy of Japan, JICA, NDOH SA1607 JNB-RCB (16:30/18:00) (R)			Courtesy Call to Embassy of Japan, JICA, NDOH SA1607 JNB-RCB (16:30/18:00) (R)		CMTD	Construction Survey
								DUB-RCB by Car (R)	
4	31-Jul	Tue	Grand meeting in Ngwelezana Hospital, Explanation, Draft Final Report (R)						
5	1-Aug	Wed							
6	2-Aug	Thu	Grand meeting in Ngwelezana Hospital, Explanation, Draft Final Report (R)			Equipment Confirmation for Each Hospital (R)	Draft Report Explanation / Meeting with Local Council / Construction Site Survey (R)	Equipment Confirmation for Each Hospital (R)	Draft Report Explanation / Meeting with Local Council / Construction Site Survey (R)
7	3-Aug	Fri	Grand meeting in Ngwelezana Hospital, Explanation, Draft Final Report (R)						
8	4-Aug	Sat	Team Meeting (R)		SA1614 RCB-JNB (10:35-12:05)	Team Meeting (R)			
					SQ405 JNB-SIN (14:40-06:60)				
9	5-Aug	Sun	RCB-PZB by Car (P)			RCB-PZB by Car (P)			
10	6-Aug	Mon	Explanation Draft Final Report, Discussion of Minutes in PDOH (P)			Explanation Draft Final Report, Discussion of Minutes in PDOH (P)			
11	7-Aug	Tue	Signing on Minutes of Discussion PDOH PZB-DUR by Car (D) SA562 DUB-JNB (15:00-16:10) (J)			Signing on Minutes of Discussion PZB-RCB by Car (R)			
12	8-Aug	Wed	Signing on Minutes of Discussion NDOH Report to Embassy of Japan, JICA						
13	9-Aug	Thu	SQ405 JNB-SIN (14:40/06:40+1)			Site Hospital Survey (R)	CHC survey (R)	Site Hospital Survey (R)	CHC survey (R)
14	10-Aug	Fri	SQ12 SIN-NRT (09:50/17:35)						
15	11-Aug	Sat	Team Meeting (R)						
16	12-Aug	Sun	RCB-PZB by Car Team Meeting (P)						
17	13-Aug	Mon	Meeting with PDOH (P)						
18	14-Aug	Tue	Meeting with PDOH SA574 DUR-JNB (18:00/19:10) (J)						
19	15-Aug	Wed	Supplementary Survey on Equipment (J)				Supplementary Survey on Equipment (J)	Supplementary Survey on Equipment (J)	
20	16-Aug	Thu	Meeting with W.B. (10:00)			Supplementary Survey on Construction (J)	Meeting with W.B. (10:00)	Supplementary Survey on Construction (J)	
21	17-Aug	Fri	Supplementary Survey on Equipment (J)				Supplementary Survey on Equipment (J)		
			Report to JICA (J)						
22	18-Aug	Sat	Team Meeting (J)						
23	19-Aug	Sun	SQ405 JNB-SIN (14:15/08:10+1)						
24	20-Aug	Mon	SQ012 SIN-NRT (09:50-17:35)						

<STAYING PLACE>

(J)=Johannesburg or Pretoria
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(R)=Richards Bay
(D)=Durban

<CITY NAME>

JNB=Johannesburg
DUR=Durban
PZB=Pietermaritzburg
RCB=Richards Bay
SIN=Singapore
NRT=Narita

3. List of Parties Concerned

List of Party Concerned

Republic of South Africa Embassy of Japan

First Secretary	Mr. Hayato ISHIZUKA
Second Secretary	Mr. Shigeto SAKATA

JICA South Africa Office

Resident Representative	Mr. Yoshiyuki TAKAHASHI
Assistant Resident Representative	Mr. Yoshiro IMAMURA

National Department of Health

Director: International Health Liason	Ms. Catherine MAKWAKWA
Deputy Director: International Health Liason	Ms. MNISI
Deputy Director: Donor Coordination	Ms. Paula VON DYK
Administraction Officer: International Health Liason	Ms. Khotso MOOBI
Director: Health Technology Policy	Mr. Nonkonzo MOLAI
Deputy Director: Health Technology Policy	Mr. Globane QUVILE

Department of Tresury

Programme Manager: International Development Co-operation	Mr. Willie JORDAAN
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CSIR (Council for Scientific and Industrial Research)

Project Leader: Health & Welfare Facilities, Facilities Planning & Management	Ms. Brigid BOLTMAN
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KwaZulu-Natal Provincial Department of Health

Minister	Mr. Zweli MKHIZE
Superintendent-General	Prof. R.W. Green THOMPSON
Chief Director: Finance,Procurement,Information & Facilities Management	Mr. Herman CONRADIE
Director: Facilities Management	Mr. Gerrie VAN DER MERWE
Deputy Director: Clinic Upgrading & Building Program	Ms. Beryl WHITTAKER
Director: Financial Management	Mr. J.J. BRITZ
Director: Health Informatics	Mr. L.L.Vuma. MAGAQA
Deputy Director: Informatics	Mr. Ziauddin AHMED

KwaZulu-Natal Department of Works

Chief Architect	Mr. Du Preez NEVILLE
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Central Medico Technical Division (CMTD)

Chief Administration Support & Electronics Department	Mr. R.A. GOVENDER
Chief Anaesthetics Department	Mr. A. I. WILLIAMS

DC28 Office for Health

Acting District Director	Ms. D.D. MSOMI
District Sub Director	Ms. N.P. HASELAU
Sub District Eshowe/Nkandla	Ms. Nana BONGA
Maintenance & Planning	Mr. G.J. VAN SCHALKWYK
District Health Management Chief Finance Section	Mr. Willie FOURIE
Regional Human Resources Coordinator	Ms. Dorcas SIKAKONE
Assistant Director Programmes	Ms. M.M. MCHUNU
Nseleni Area DOH Councillor	Mr. Clrda NXUMALO

DC28 Office for Economical & Technical Infrastructure Services

Executive Director: Economical & Technical Infrastructure Services	Mr. Eddie REYNOLDS
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uMHLATHUZE Municipality

Assistant City Secretary: City Secretary	Mr. Marcus NEL
Director: Integrated Development Planning	Mr. E. Lindani KHOZA
Senior Town Planner: Town Planning	Mr. Derek VAN RENSBURG
Building (Plan) Inspector: Town Engineering	Mr. Ockie BRAND
Building Inspector: Town Engineering	Ms. Isabel WASSENDAR
Support Service: Town Engineering	Mr. A.F. MOSS
Senior Engineer: Customer Services, CEE(Electricity Supply)	Mr. D.E. CLOETE
Electrical Engineer: Customer Services, CEE(Electricity Supply)	Mr. P.S. VAN DUYKER
Director Community Services: Health Department	Mr. Fred PHILLIPS
AHCS: Health Department	Mr. P.N. VOLSCHERK
Chief Health Nurse: Health Department	Ms. H.R. DLADLA
Senior Environmental Health: Community Services, Environmental Division	Ms. Calla ESTERHUYSEN
Station Officer Fire Prevention: Fire & Rescue Services	Mr. J.A. SPIES
Town Counselor: Nseleni Town Council	Mr. Alpha NXUMALD
Administration Officer: City Secretary	Ms. Alida STEYA

Ngwelezana Hospital

Senior Medical Superintendent	Dr. Peter HASELAU
Anaesthetist	Dr. D. BARRETT
Surgeon	Dr. I.H. THIRSK
Superintendent	Dr. WANGUHU
Paediatric Department(NG/EM)	Dr. N. KAPONGO
Chief Matron	Ms. Wil NDLOVU
Assistant Nursing Matron	Ms. K.E. MNGOMEZULU
Chief: Department of Maintenance	Mr. Willie HATTINGH
Electrician: Department of Maintenance	Mr. Alfred MCHUNU
Artisan Foreman: CMTD Ngwelezana	Mr. David BLAKEWAY
Chief Matron: Community Health Services Division	Ms. N.P. MKHONZA
Matron: Community Health Services Division	Ms. C.S. MAVUNDLA
Matron: Community Health Services Division	Ms. R.P. KHANYILE
Matron: Community Health Services Division	Ms. K.M. NDIMANDE
Chief Professional Nurse: Community Health Services Division	Ms. N.M. NDLOVU

Empangeni Hospital (Lower Umfolozi District War Memorial Hospital)

Senior Medical Superintendent	Dr. Adri MANSVELDER
Sister: High Care Unit	Ms. Peerl MBOKAZI
Sister: Labour Ward	Ms. Annie MNGOMEZELU

Catherine Booth Hospital

Acting Superintendent	Dr. Z.M. HORDYNSKA
Assistant Director Nursing Service	Ms. M.M. GCABASHE
Chief Professional Nurse	Ms. P.Z. MBONAMBI
Sister - Chief Professional Nurse	Ms. KUMALO
Financial	Mr. Richman NDADANE
Statistics	Ms. NGEMA
Chief Professional Nurse: Community Health Services Division	Ms. B.P. SINDANE

Ekombe Hospital	
Medical Super Intendent	Dr. L.J. BLANCO
Super Intendent	Dr. A.M. BAQUERO
Assistant Director Nursing	Ms. Latiwe SIZANI
Chief Professional Nurse: Outpatient	Ms. Zibuyile M. KWEYAMA
Store Officer	Ms. Zanele GUMBI
Chief Professional Nurse: Community Health Services Division	Ms. Joyce SITHOLE
Eshowe Hospital	
Senior Medical Superintendent	Mr. Kevin D. McDONALD
Assistant Director Nursing	Ms. Ellen MKIZE
Senior Administrative Clerk: Revenue	Mr. Collin APPADU
Adiministrative Officer: Auxilliary Services & Finance	Mr. Charmaine BOTHA
Administrative Officer: General Hospital Administration	Mr. Taffy ECKERT
Senior Admininstarion Clerk: Supplies	Ms. S. Barbara ZULU
Matron: Community Health Services Division	Ms. N.G. MASUKU
Chief Professional Nurse: Community Health Services Division	Ms. Busisiwe T. MTHABELA
Maintenance Supervisor	Mr. M.Moses MKHIZE
Artisan Foreman - Fitter: Maintenance Office	Mr. Roy GILLETT
Mbongolwane Hospital	
Medical Superintendent	Ms. S.Barbara ZULU
Professional Medical Officer	Dr. O. Garcia GEISHA
Senior Administration Officer: Administration	Dr. R.R.M. CAMPS
Chief Professional Nurse	Mr. Bhekuyise E. KHANYILE
Chief Professional Nurse	Ms. Vusi Hamilton ZIKHALI
Chief Professional Nurse	Ms. Pinkie E. JAFTA
Matron: Community Health Services Division	Ms. Busi Isabella NTULI
Nkandla Hospital	
Acting Medical Superintendent	Dr. Maria LINDNER
Assistant Director Nursing	Ms. Z.B. BUTHELEZI
Matron	Ms. Florah Zanele CHAMANE
Administration Clerk	Mr. B.M. BIYELA
Maintenance Staff - Electrician	Mr. ZUMA
St. Mary's Kwamagwaza Hospital	
Acting Superintendent	Dr. H.T. ALI
Acting Hospital Manager, Matron	Ms. Thandi J. VEZI
Assiting Director Finance	Ms. T.E. HADEBE
Chief Administration Clerk	Ms. J.D. DARRINGTON
Technical Supervisor	Mr. W.A. BORNMAN
Nselenic Clinic	
Assistant Director	Ms. N.P. MICHONZA
Sister In Charge Nseleni Clinic	Ms. B.L. MAVUNOLA
WB Country Office in South Africa	
Health Economist	Dr. Gayle MARTIN
USAID Pretoria	
Chief Health Development Office	Dr. S. Ken YAMASHITA

MSH (Management Sciences for Health)

EQUITY Project: National Program

Dr. Pillay YOGAN

EQUITY Project: National Health Financing Advisor

Mr. David COLLINS

EQUITY Project: Health Financing & Management Advisor

Mr. Peter N. CROSS

EQUITY Project: Deputy Director

Ms. Ileana M. FAJARDO

EU(European Union)

Technical Assistant: National Department of Health, Facilities Planning

Mr. Malcolm Kilvington

Consultant

Ms. Gerda Brown

ESCOM Richards Bay

Engineer

Mr. James MPANZA

TELKOM Empangeni

Planning

Mr. Carl LIEBENBERG

Planning

Mr. Paddy PADAYACHIE

I.C.A. Architects - Urban Designers (Private consultant to KwaZulu-Natal Department of Works)

C.E.O.

Mr. Ismail CASSIMJEE

Architect

Mr. Tia K. YIANNIS
