

**BASIC DESIGN STUDY REPORT
ON
THE PROJECT FOR IMPROVEMENT
OF
BASIC HEALTH CARE SYSTEM
IN
BALOCHISTAN
IN
THE ISLAMIC REPUBLIC OF PAKISTAN**

MARCH 2004

JAPAN INTERNATIONAL COOPERATION AGENCY
EARL CONSULTANTS INCORPORATED

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PREFACE

In response to a request from the Government of the Islamic Republic of Pakistan, the Government of Japan decided to conduct a basic design study on the Project for Improvement of Basic Health Care System in Balochistan and entrusted the study to the Japan International Cooperation Agency (JICA).

JICA sent to Pakistan a study team from September 22 to October 25, 2003.

The team held discussions with the officials concerned of the Government of Pakistan, and conducted a field study at the study area. After the team returned to Japan, further studies were made. Then, a mission was sent to Pakistan in order to discuss a draft basic design, and as this result, the present report was finalized.

I hope that this report will contribute to the promotion of the project and to the enhancement of friendly relations between our two countries.

I wish to express my sincere appreciation to the officials concerned of the Government of the Islamic Republic of Pakistan for their close cooperation extended to the teams.

March, 2004

Kunimitsu YOSHINAGA
Vice President
Japan International Cooperation Agency

March, 2004

LETTER OF TRANSMITTAL

We are pleased to submit to you the basic design study report on the Project for Improvement of Basic Health Care System in Balochistan in the Islamic Republic of Pakistan.

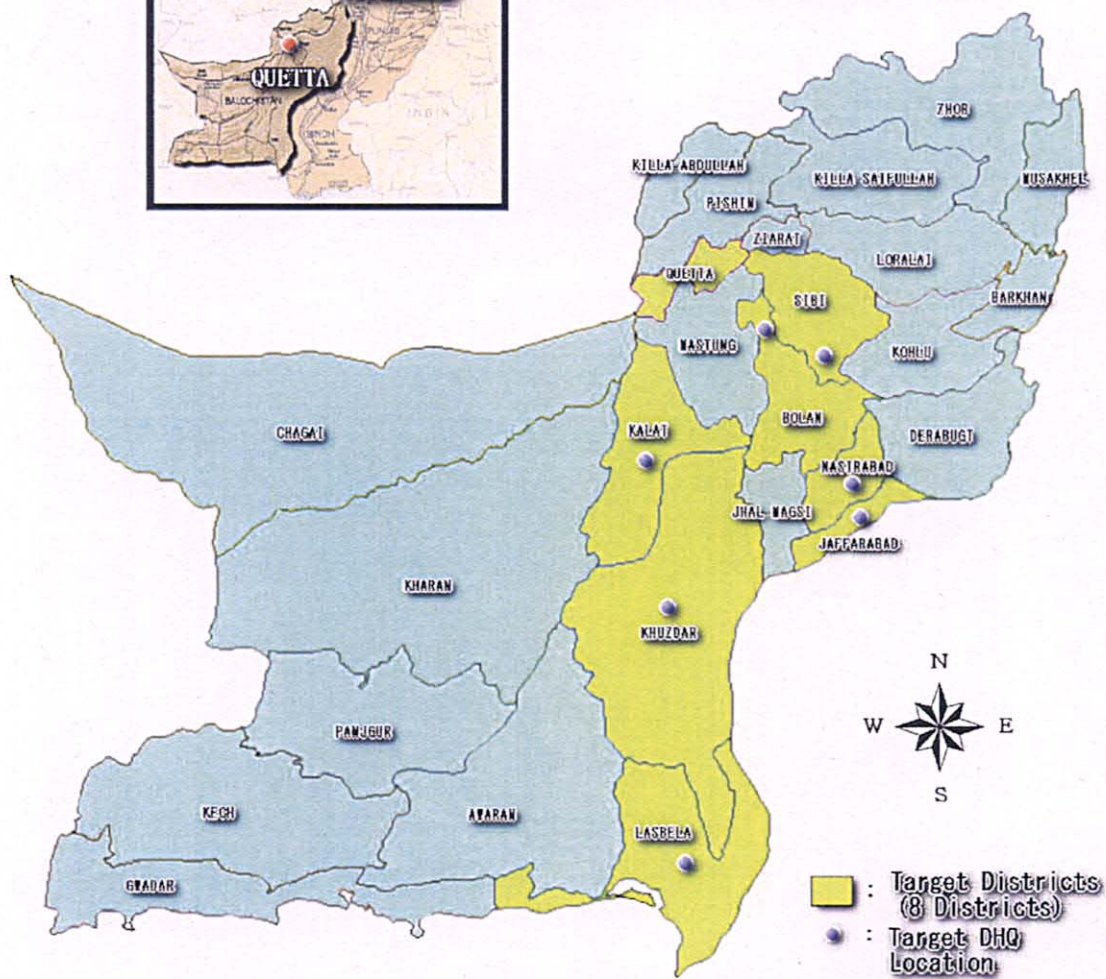
This study was conducted by Earl Consultants Incorporated, under a contract to JICA, during the period from September 15, 2003 to March 31, 2004. In conducting the study, we have examined the feasibility and rationale of the project with due consideration to the present situation of Pakistan and formulated the most appropriate basic design for the project under Japan's grant aid scheme.

Finally, we hope that this report will contribute to further promotion of the project.

Very truly yours,

Ryoji Harada
Project manager,
Basic design study team on the Project
for Improvement of Basic Health Care System
in Balochistan in the Islamic Republic of Pakistan
Earl Consultants Incorporated

LOCATION MAP



Province of Balochistan

0 50 100km

List of Figures & Tables

No.	No. of Figures and Tables	Name of Figures & Tables	Insert page
1	Table 1-1	Summary of requested equipment	1-3
2	Table 2-1	Design policies for natural conditions	2-32
3	Table 2-2	Targeted departments, its function, and planning equipments	2-9,10
4	Table 2-3	Deletion equipment criteria	2-12
5	Table 2-4	Major equipment	2-13,14,15,16
6	Table 2-5	Basic design study equipment list	2-17
7	Table 2-6	Drawing list of targeted institutions	2-20
8	Figure 2-1	DHQ Hospital, Sibi, Building layout map	2-21
9	Figure 2-2	DHQ Hospital, Sibi, Floor map	2-21
10	Figure 2-3	DHQ Hospital, Sibi, Dental room	2-22
11	Figure 2-4	DHQ Hospital, Sibi, Generator room	2-22
12	Figure 2-5	DHQ Hospital, Sibi, Machine room	2-23
13	Figure 2-6	DHQ Hospital, Sibi, X-ray room	2-23
14	Figure 2-7	DHQ Hospital, Dadhar, Building layout map	2-24
15	Figure 2-8	DHQ Hospital, Dadhar, Floor map	2-24
16	Figure 2-9	DHQ Hospital, Dadhar, Generator room	2-25
17	Figure 2-10	DHQ Hospital, D.M.Jamali, Building layout map	2-26
18	Figure 2-11	DHQ Hospital, D.M.Jamali, Floor map	2-26
19	Figure 2-12	DHQ Hospital, D.M.Jamali, Operation theater	2-27
20	Figure 2-13	DHQ Hospital, D.M.Jamali, X-Ray room	2-27
21	Figure 2-14	DHQ Hospital, D.M.Jamali, Generator room	2-28
22	Figure 2-15	DHQ Hospital, Dera Allah Yar, Building layout map	2-29
23	Figure 2-16	DHQ Hospital, Dera Allah Yar, Floor map	2-29
24	Figure 2-17	DHQ Hospital, Dera Allah Yar, Dental room	2-30
25	Figure 2-18	DHQ Hospital, Dera Allah Yar, Operation theater	2-30
26	Figure 2-19	DHQ Hospital, Kalat, Building layout map	2-31
27	Figure 2-20	DHQ Hospital, Kalat, Dental room	2-31
28	Figure 2-21	DHQ Hospital, Khuzdar, Building layout map	2-32
29	Figure 2-22	DHQ Hospital, Khuzdar, Dental room	2-32
30	Figure 2-23	DHQ Hospital, Uthar, Building layout map	2-33
31	Figure 2-24	DHQ Hospital, Uthar, Floor map	2-33
32	Figure 2-25	RHC, Floor map	2-34
33	Figure 2-26	BHU, Floor map	2-35
34	Figure 2-27	RHC Lehri, Dental room	2-36
35	Figure 2-28	RHC Lehri, X-ray room	2-36
36	Figure 2-29	RHC Mirwah, Generator room	2-37
37	Figure 2-30	RHC Gidar, Dental room	2-38
38	Figure 2-31	RHC Zehri, Generator room	2-39
39	Figure 2-32	RHC Zehri, X-ray room	2-39
40	Figure 2-33	RHC Wadh, X-ray room	2-40
41	Figure 2-34	RHC Bela, X-ray room	2-41
42	Figure 2-35	RHC Durej, Generator room	2-42
43	Figure 2-36	RHC Gaddani, Generator room	2-43
44	Table 2-7	Main equipment that need maintenance service	2-44
45	Table 2-8	Equipment that need maintenance service	2-46
46	Table 2-9	List of country origins for procurement equipment	2-49,50
47	Table 2-10	Implementation process	2-51
48	Table 2-11	Present manpower at DHQ hospitals	2-53,54
49	Figure 2-37	Electro-medical workshop in Balochistan	2-55
50	Figure 2-38	Maintenance system	2-55
51	Table 2-12	The way of maintenance	2-56
52	Table 2-13	Manpower increase plan	2-56
53	Table 2-14	Cost borne by the Japanese side	2-58
54	Table 2-15	Increase ratio of annual operation/ maintenance cost	2-60,61
55	Table 2-16	Operation/ maintenance cost estimation by item of equipment	2-62
56	Table 2-17	Increase cost for operation/ maintenance	2-63
57	Table 3-1	The level of effect and improvement by this project	3-1
58	Table 3-2	The number of annual referral case at DHQ hospitals	3-2
59	Table 3-3	The number of annual referral case at RHCs	3-3
60	Table 3-4	The main equipment which are offered to each districts	3-3

Abbreviations

A/P	Authorization to Payment
ARI	Acute Respiration Infections
AsDB	Asian Development Bank
B/A	Banking Arrangement
BHU	Basic Health Unit
CD	Civil Dispensary
CDD	Control of Diarrhoeal Diseases
D/D	Detailed Design
DFID	Department for International Development
DGHS	Director General Health Services
DHO	District Health Office/Officer
DHQ	District Headquarter
EAD	Economic Affairs Division, Ministry of Finance and Statistics
EmOC	Emergency Obstetric Care
EMW	Electro-medical Workshop
EPI	Expanded Program on Immunization
FATA	Federally Administered Tribal Area
FLT	Female Laboratory Technician
FMO	Female Medical Technician
E/N	Exchange of Notes
FP	Family Planning
GP	General Practitioner
HIMS	Health Information Management System
HIV/AIDS	Human Immunodeficiency Virus/Acquired Immunodeficiency Syndrome
IDA	International Development Association
KFW	Kreditanstalt Für Wiederaufbau
LHV	Lady Health Visitor
LMO	Lady Medical Officer
MBBS	Bachelor of Medicine/Bachelor of Surgery
MCH	Maternal and Child Health
MLT	Male Laboratory Technician
MMO	Male Medical Technician
MO	Medical Officer

MOH	Ministry of Health
MS	Medical Super-Intendant
NWFP	North West Frontier Province
ORT	Oral Rehydration Treatment
O/T	Operation Theatre
PHC	Primary Health Care
RHC	Rural Health Centre
SAP	Social Action Program
SPO	Senior Planning Officer
STDs	Sexually Transmitted Diseases
TB	Tuberculosis
UNDP	United Nations Development Program
USAID	United States Agency for International Development
TBA	Traditional Birth Attendant (Dai)
WAPDA	Water and Power Development Authority
WB	World Bank
WHO	World Health Organization

Summary

Summary

The Balochistan Province, which occupies 43.6% of the Islamic Republic of Pakistan (hereafter called “Pakistan”), is a late-developing area. The health/basic care system is particularly undeveloped; for instance, infant mortality is almost twice the national average. In the Balochistan Province, the Basic Health Units (BHUs) and the Rural Health Centers (RHCs) are the primary health care centers available to provide regional health care services. However, as a result of the shortage or deterioration of necessary medical equipment, local residents have not been receiving sufficient medical care.

Seeking basic health care service accessibility for all local residents, GOP (Government of Pakistan) has been trying to reinforce primary/secondary medical facilities and equipment as well as improve the quality of medical service. On the basis of “Ten-Year Perspective Development Plan 2001-11” and “Three-Year Development Programme 2001-4,” the GOP Ministry of Health (MOH) established the goal of decreasing the mortality rate of pregnant women, children under the age of five years, and newborn babies. Moreover, the National Health Policy 2001, conceived in December 2001, addressed inadequacies of primary/secondary health care services as well as professional and managerial deficiencies in the district’s health care system. Through these programmes, GOB (Government of Balochistan) has tried to upgrade medical institutions from BHUs to RHCs, or from RHCs to DHQ, and implement medical equipment and ambulances as well as increase medical service staffs. However, it cannot say that the medical service is enough to reply the local demand because of the lack of medical equipment and staffs in the area as well as the present equipment is too old to use. Moreover, GOB is not able to manage to prepare the budget in order to solve these problems.

Under these circumstances, the first request of GOP targeted 21 districts of Balochistan, with the purpose of supplying DHQs with medical equipment. However, after deliberation an agreement was established between GOP and the preliminary study team, which was sent in March 2003 by GOJ, as follows: (i) The target institutions are not only secondary health care institutions of DHQs, but also primary institutions of BHUs and RHCs. (ii) Eight districts (Quetta, Bolan, Sibi, Kalat, Jaffalabad, Nassirabad, Khuzdar, and Lasbela) are targeted only because they do not have the security problems that the others are experiencing.

As for the request and its agreement, GOP decided to do further study concerned this project. Then, Japan International Cooperation Agency (JICA) dispatched the Basic study team from 22nd September to 25th October, 2003, and then the study team for the explanation of the basic study was also dispatched from 11th December to 23rd December, 2003.

Therefore, this Japan’s Grant aid assistance is to provide the fund as for the procurement of the basic health care equipment in DHQ, RHCs, and BHUs at 8 districts in the Balochistan province.

The Table 1 below shows the distribution of the targeted institutions at each districts.

Table 1 Breakdown of targeted institutions

Districts	DHQ	RHC	BHU
Quetta	0	2	36
Bolan	1	2	13
Sibi	1	4	20
Kalat	1	2	12
Jaffalabad	1	1	24
Nassirabad	1	3	11
Khuzdar	1	4	22
Lasbela	1	4	37
Total	7	22	175

The table below shows major planning equipment and its purpose and quantity.

Table 2 Major equipment and purpose

For DHQ	Name of Equipment	Purpose	Quantity
1	ENT unit	To use for medical treatment of otolaryngology.	3
2	Dental chair and accessories	To use for dental treatment and minor operations of Patients for dental clinic of OPD.	4
3	Anesthesia machine with Ventilator	To conduct general anesthesia to patients and to make operations and treatment without pains to patients.	2
4	Diathermy (For general surgery)	To perform incision and solidification of a living body tissue by passing high frequency current to the tissue. To use for a general surgical operation and an ophthalmology operation.	2
5	Diathermy (For general and ophthalmology operation)	To perform incision and solidification of a living body tissue by passing high frequency current to the tissue. To use for a general surgical operation and an ophthalmology operation.	1
6	Generator and battery system (up to 30KVA)	To use for back-up power source so as not to hinder hospital functions in power failure.	3
7	Generator and battery system (up to 20KVA)	To use for back-up power source so as not to hinder hospital functions in power failure.	1

8	OT light (Ceiling type 2 arm)	To illuminate precisely operating parts during operations and secure most proper brightness, colors, humidity and generate no heat and thus enable smooth operations.	2
9	OT table	A universal operating table, which operators can adjust the positions based on parts of operating, and is mainly used for general surgeries and caesarian section in Obstetrics.	1
10	X-ray machine and accessories	To use for diagnostics of chest and respiratory diseases by X-ray photo.	2
11	Ambulance	To transport emergency cases to higher-level institutions.	6
12	Patient monitor	To monitor patient's conditions continuously by measurement of ECG during operations.	2

For RHC	Name of Equipment	Purpose	Number
13	Dental chair and accessories (with Dental X ray unit)	To use for diagnostics and treatment of patients for dental clinic.	1
14	Dental chair and accessories	To use for diagnostics and treatment of patients for dental clinic.	1
15	Generator and battery system	To use for back-up power source so as not to hinder hospital functions in power failure.	5
16	X-ray machine and accessories	To use for diagnostics of chest and respiratory diseases by X-ray photo.	4
17	Ambulance	To transport emergency cases to higher-level institutions.	8

For BHU	Name of Equipment	Purpose	Number
18	Treatment set	To use for medical treatment in the internal medicine	175
19	Obstetrical treatment set	To use for obstetrical treatment	159
20	Equipment set for EPI	To use for storage or carrier of vaccination which is used to local residents	10

The table 3 below shows the quantity of major equipment in each institution.

Table 3 Quantity of major equipment in each targeted institution

* (1)Quetta (2)Bolan (3)Sibi (4)Kalat (5)Nassirabad (6)Jaffalabad (7)Khuzdar (8)Lasbela

1. DHQ		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	Total
1	ENT unit	-	-	1	-	-	-	1	1	3
2	Dental chair and accessories	-	-	1	1	-	1	1	-	4
3	Anesthesia machine with Ventilator	-	-	-	-	1	-	1	-	2
4	Diathermy (For general surgery)	-	-	1	-	-	-	1	-	2
5	Diathermy (For general and ophthalmology operation)	-	-	-	-	1	-	-	-	1
6	Generator (up to 30KVA)	-	1	1	-	1	-	-	-	3
7	Generator (up to 20KVA)	-	-	-	-	-	1	-	-	1
8	OT light	-	-	-	1	1	-	-	-	2
9	OT table	-	-	-	1	-	-	-	-	1
10	X-ray machine	-	-	1	-	1	-	-	-	2
11	Ambulance	-	1	1	1	1	1	1	-	6
12	Patient monitor	-	-	-	-	1	-	1	-	2

2. RHC		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	合計
13	Dental chair and accessories (with Dental X ray unit)	-	-	1	-	-	-	-	-	1
14	Dental chair and accessories	-	-	-	1	-	-	-	-	1
15	Generator and battery system (up to 20KVA)	-	-	-	-	1	1	1	2	5
16	X-ray machine	-	-	1	-	-	-	2	1	4
17	Ambulance	1	1	1	1	1	1	1	1	8

3. BHU		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	Total
18	Treatment set	36	13	20	12	11	24	22	37	175
19	Obstetrical treatment set	36	13	19	5	11	22	22	31	159
20	Equipment set for EPI	-	2	1	-	2	2	1	2	10

These are ordinal equipments for primary/secondary medical care at the targeted institutions in Balochistan. In this province, there are training sessions for doctors and engineers to use expected equipments effectively. As the level of this technique is measured by some certificates, and experience of treatment, there is no problem to use equipments actively. This project is mainly to supply the necessity equipment or renew old one. So that the present staffs could operate each equipment, it will not be necessary to be aware of allocating staffs. About an ambulance's driver at one of RHC, it will be filled by the time of vehicle's arriving at Karachi port. Moreover, Persons who in charge of the equipment at each targeted institution perform daily maintenance, as well as each district has one or two engineers specialized in the maintenance of the equipment. Local agencies are available in Karachi and in Lahore for almost all the items of the equipment. These agencies can procure replacement parts and dispatch engineers who are trained by their corresponding manufacturers. On the other hand, at the city of Quetta and Islamabad, there are local agent's service networks, and they cover all targeted districts.

The total increase of operation and maintenance cost by this project is 448,810 rupees(≒JPY 875,000). This operation and maintenance expenses' increase of PC-1 could be managed by Government of Balochistan(GOB). As GOB has already planned 10 million rupees for the expenses and it is supposed to be approved by GOP. Thus, this increase would surely be prepared.

The total implementation period would be about 12 months when this project is implemented by Japan's Grant Aid scheme and the necessity budget is JPY 293 millions (Japan's shoulder: JPY 289 millions, Pakistan's shoulder: 4 millions).

The verification of this project is showed in below table 4.

Table 4 Verification of this project

No.	Item of the verification	Result of the verification
1	Target people by this project	300 millions local people at 8 districts in Balochistan province are targeted, and this project will effect include the poor class.
2	The goal of this project	To improve the basic health care service is directly related to BHN (Basic Human Needs). As Health department of the government of Balochistan indicated the improvement of the basic health care service as the primary problem, the immediate execution of this project is highly important.

3	Operation/Maintenance	The operation of this project is under the budget of each district. The necessity additional staffs have already allocated in targeted institutions. The technique of paramedical staffs has already been enough and it is no problem.
4	The relation with the achievement of mid or long term's development plan's goal	To improve the primary and secondary medical care system is contributed to the medical development plan in Pakistan.
5	Possibility of profit	In each institution, there is an income from the cost of inspection and the use of ambulance in order to keep the necessary cost for the operation, and this income is incorporated in the revenue of the province. The expense of each targeted institutions is granted from the government of province to districts, and this is enough for the maintenance of equipment.

Therefore, it is certain that this project could be appropriate for Japan's Grant aid scheme.

However, if the point below is improved or serviced, this project would be able to execute more smooth and effective.

1) Maintenance

- It is desirable for each district to allot a consumable purchase budget and strengthen the maintenance system in order to ensure that the equipment works effectively at targeted institutions as well as train engineers.

2) Problem related to use equipment effectively

- It would be better to secure the budget for each districts' governments to keep some consumable purchases such as x-ray films and dental fillers in order to use expected implementing equipments effectively.

CONTENTS

Preface	
Letter of Transmittal	
Location Map	
List of Figures & Tables	
Abbreviations	
Summary	
	Page
Chapter 1 Background of the Project	1-1
Chapter 2 Contents of the Project	2-1
2-1 Basic Concept of the Project	2-1
2-2 Basic Design of the Requested Japanese Assistance	2-2
2-2-1 Design Policy	2-2
2-2-2 Equipment Plan	2-7
2-2-3 Basic Design Drawing	2-20
2-2-4 Implementation Plan	2-44
2-2-4-1 Implementation Policy	2-44
2-2-4-2 Implementation Conditions	2-45
2-2-4-3 Scope of Works	2-46
2-2-4-4 Consultant Supervision	2-47
2-2-4-5 Procurement Plan	2-48
2-2-4-6 Implementation Schedule	2-50
2-3 Obligations of Recipient Country	2-52
2-4 Project Operation Plan	2-53
2-5 Project Cost Estimation	2-58
2-5-1 Project Cost Estimation	2-58
2-5-2 Operation and Maintenance Costs	2-59
Chapter 3 Project Evaluation and Recommendations	3-1
3-1 Project Effect	3-1
3-2 Recommendations	3-4

[Appendices]

1. Member list of the study team	A-1
2. Study schedule	A-3
3. List of Parties Concerned in the Recipient Country	A-9
4. Minutes of Discussions	A-14
5. Other Relevant Data	A-47
6. References	A-116

Chapter 1 Background of the Project

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The Balochistan Province, which occupies 43.6% of the Islamic Republic of Pakistan (hereafter called “Pakistan”), is a late-developing area. The health/basic care system is particularly undeveloped; for instance, infant mortality is almost twice the national average. In the Balochistan Province, the Basic Health Units (BHUs) and the Rural Health Centers (RHCs) are the primary health care centers available to provide regional health care services. However, as a result of the shortage or deterioration of necessary medical equipment, local residents have not been receiving sufficient medical care.

The Government of Pakistan (GOP) requested the scheme of Grant Aid to the Government of Japan (GOJ) in order to provide better medical equipment at Balochistan’s BHUs and RHCs. From October to November 1997, a basic design study team was dispatched; the necessity/ propriety of the scheme was confirmed; and the basic design plan was decided. From January to February 1998, the Draft Report Explanation Team was missioned, and the contents of this basic design were determined: 1) to implement basic medical equipment at 454 BHUs and 60 RHCs; 2) to provide a generator, an operation set, and X-ray equipment at some RHCs; and 3) to provide an ambulance at eight RHCs and 22 RHCs.

However, in May 1998, as Pakistan executed a nuclear test, GOJ decided to abandon the Grant Aid scheme for the country. After the American terrorist incident, the aid was reopened, and GOJ dispatched a medical study team in December 2001. The results of the study revealed: 1) the Afghan refugee influx had brought about a limitation of medicine and medical equipment (basic operation kit) at DHQs (as secondary medical treatment institutions) and referral methods at the border area; 2) it was necessary to deal with these problems by targeting 14 DHQs in Balochistan and the Northwest frontier province as soon as possible, and 3) preparation of the basic medical equipment at Balochistan Province where the basic design survey was executed was confirmed by examining the contents.

At the end of the investigation, GOP submitted a request for the Grant Aid scheme in terms of medical equipment (Table 1) for the whole area of Balochistan Province with the purpose of improving the quality of medical care at 21 DHQ hospitals. The purpose and contents of the new request were different from either the basic design in 1997 or the proposal of GOJ’s medical study team. Therefore, the concept of the items (purpose, target institution, major equipment) and the area of concern were discussed with GOP for clarification. Moreover, in March 2003 a preliminary study team was dispatched to verify the necessity and validity of the scheme by GOJ.

The preliminary study team reached an agreement after a discussion of the following:

- (1) The purpose of the project is to improve basic medical service at several districts in Balochistan by equipping BHUs, RHCs and DHQs with materials. The purpose of this project is not direct refugee support. Additionally, some BHUs and RHCs which serve as primary health care institutions are targeted to improve their referral system so as to introduce more patients to higher-level services.
- (2) Districts located within 100km of the Afghan border (where the Ministry of Foreign Affairs of Japan has recommended the postponement of travel except to Quetta City), and districts with known tribal contention are excluded from the project's target. Moreover, districts that have already received similar support from other aid schemes are also excluded in order to avoid repetition. From the viewpoint of efficient execution, the targeted districts are in the same geographic region.
- (3) On the basis of these standards, the first-priority area is comprised of eight districts: Quetta, Bolan, Sibi, Kalat, Nassirabad, Jaffarabad, Khuzdar, and Lasbela. The second priority area includes the other eight districts: Awaran, Kharan, Kech (Turbat), Gwadar, Panjgur, Ziarat, Barkhan, and Musakhel. With the completion and monitoring of the first-priority area's project, work in the second priority area will begin.
- (4) The tertiary medical institutions are not targeted, as this project's emphasis is basic medical care. High-cost medical equipment and materials are also beyond the scope of this project.

This agreement targets both secondary and primary medical centers, and many patients will directly benefit. Additionally, this aid may also help improve and strengthen the primary health care and referral system. Therefore, the project has been confirmed as appropriate for the aid scheme.

On the basis of the preliminary study's result, the basic design study is now executed to determine the basic design of project for the eight first-priority districts.

The equipment requested by GOP is indicated below.

Table 1-1 Summary of requested equipment

Target facility	Item of equipment and materials
DHQ hospitals	CT scanner, operating table, anesthesia vessel, non-shadow light, ultrasonic diagnostic device, blood refrigerator, X-ray machine, dental unit, ambulance, biochemical analytical instrument, thermometer, stethoscope and hemadynamometer
RHCs	Anesthesia vessel, boiling sterilizer and operating table, operation forceps set, non-shadow light, general X-ray machine and dental unit, microscope, childbirth stand, ambulance, thermometer, stethoscope and hemadynamometer.
BHUs	Boiling sterilizer, first-aid kit, vaccine refrigerator, childbirth stand, thermometer, stethoscope and hemadynamometer

(source: Collected material by the preliminary survey team)

Chapter 2 Contents of the Project

Chapter 2 Contents of the Project

2-1 Basic Concept of the Project

2-1-1 Overall Goal and Project Purpose

Seeking basic health care service accessibility for all local residents, GOP has been trying to reinforce primary/secondary medical facilities and equipment as well as improve the quality of medical service.

On the basis of “Ten-Year Perspective Development Plan 2001-11” and “Three-Year Development Programme 2001-4,” the GOP Ministry of Health (MOH) established the goal of decreasing the mortality rate of pregnant women, children under the age of five years, and newborn babies. Moreover, the National Health Policy 2001, conceived in December 2001, addressed inadequacies of primary/secondary health care services as well as professional and managerial deficiencies in the district’s health care system.

The purpose of the project for improvement of basic health care system in Balochistan is by means of equipping health care institutions with medical equipment and materials.

2-1-2 Outline of the Project

Seeking basic health care accessibility for all local residents, GOP has been struggling to reinforce and build primary health care institutions such as BHUs and RHCs, and additional secondary health institutions; DHQs, to upgrade the quality of health care services.

In Balochistan Province, the local government has been trying to strengthen BHUs, RHCs and DHQs, but their budget does not allow for the improvement of health care equipment. Thus, the project purpose is to improve basic health care services for eight districts in Balochistan at the targeted institutions (BHUs, RHCs, and DHQs) where the level of service is lower than the national average in Pakistan. GOJ decided to provide the fund as a grant, allowing for the procurement of medical equipment related to medical care at the targeted institutions.

2-2 Basic Design of the Requested Japanese Assistance

2-2-1 Design Policy

1) Basic policy

The first request of GOP targeted 21 districts of Balochistan, with the purpose of supplying DHQs with medical equipment. However, after deliberation an agreement was established between GOP and the preliminary study team, which was sent in March 2003 by GOJ, as follows: (i) The target institutions are not only secondary health care institutions of DHQs, but also primary institutions of BHUs and RHCs. (ii) Eight districts (Quetta, Bolan, Sibi, Kalat, Jaffalabad, Nassirabad, Khuzdar, and Lasbela) are targeted only because they do not have the security problems that the others are experiencing.

Therefore, this Grant Aid Scheme is to provide funding for basic medical equipment at DHQs, RHCs, and BHUs in eight districts within Balochistan Province.

At the present situation in Balochistan Province, some functional equipment at the health care institutions is not used because of the lack of doctors and engineers who can use it. In addition, the equipment has not been used because expendable supplies have not been provided as well as the equipment has not been maintained, as a result of insufficient funds. Therefore, under these circumstances, the plan is as follows:

- i) The target institutions are all DHQs, RHCs, and BHUs of the eight first-priority districts as of December 2003.
- ii) The equipment at DHQs and RHCs should meet the conditions below:
 - a. The existing equipment must be adequately maintained.
 - b. The expendable supplies for the existing equipment have been provided regularly.
 - c. There is no existing equipment, or the existing equipment has already become too old to use.
 - d. There is no aid plan from another donor.
 - e. The expenditure involved in the use or maintenance of the equipment should not be dramatically increased.
 - f. Some available medical professionals can use the equipment.
 - g. The necessary installation of the equipment and adequate facilities (building, plumbing, electric supply and effluent treatment) have been arranged.
 - h. The equipment is adapted to the function and activity (e.g., number of patients and contents of treatment/disposal) of targeted institutions.
 - i. It contributes to the improvement of basic medical care.
- iii) The equipment of BHUs should meet the conditions indicated in c, d, e, f, g, and h above.

2) Policy for Natural Conditions

The eight targeted first-priority districts are located from central to southern parts of the Balochistan Province. Summers there are extremely hot and dry, with only a small amount of rainfall, and the winters are cold. The following natural conditions are taken into consideration in designing equipment specifications.

Table 2-1 Design policies for natural conditions

No.	Specific conditions	Countermeasures
1	The area includes the highland of 1,000 to 1,500 meters above sea level, and it is very cold and has snowfall in winter.	Cold resistance will be considered for materials' specifications.
2	Some areas are hilly and steep, and some roads are unpaved.	These conditions are reflected in vehicle specifications.
3	Summers are dry and dusty, with high temperatures.	Dryness/heat/dust-resistance will be considered.
4	Water contains impurities, has high hardness (around 300 mg/CaCO ₃), and is very salty.	Simple water treatment will be considered to avoid hard-water damage.

3) Policy on social/economic conditions

In 1999, Pakistan experienced a growth rate of 3.1% of the GDP. Although gradual economic growth has continued, the financial balance of GOP has been in the red because of difficulties in reducing expenditures and imposing duties. For example, defense spending reductions are scarcely achieved because of tense relations with neighboring India. And tax revenues are insufficient since it is difficult to impose taxes or levies.

Medical equipment planning for the project should not be too heavy a burden for GOB. It is important to keep in mind that (1) an item should not require many consumables and replacement parts, and (2) required consumables and replacement parts must be relatively inexpensive and readily available in local markets.

In the population of Balochistan, ethnic groups Baluchi and Pathan are in the majority, and Hazaras and others comprise the minority. Disputes among ethnic groups occur in some areas. To avoid involvement in such disputes, safety precautions are necessary for the implementation of the project. The provincial government and the health care department of Balochistan should be consulted to arrange escorts by the rural police (Levies) for workers executing the delivery and installation of equipment, with the GOB bearing expenses for the escorts.

4) Policy on procurement

It is a common practice in Pakistan that a part of payment for a product is made in advance, so that local manufacturers can purchase necessary materials. However, because of small domestic demand, few manufacturers are at the level of international standards in production. Thus, local procurement of items of equipment must involve only products from manufacturers who can effectively manage their manufacturing process and quality (authorized by ISO certification). It is necessary to procure only items with specified levels of quality. Items considered for local procurement include steam sterilizers and X-ray machines, as well as such simple items as surgical forceps, stethoscopes, stretchers, and medicine shelves. If quality items cannot be secured locally, procurement should be made from Japan or other countries.

5) Policies on the use of local suppliers

Some local agencies of medical equipment manufacturers have well-organized sales networks as well as maintenance service in Lahore and Karachi, major cities in Pakistan. Each local agent has a technician specialized in a specific field. These technicians have undergone technical training from the manufacturers, so they can provide sufficient maintenance service. Therefore, for procurement of items such as X-ray machines, vehicles, and basic equipment, use of local agents is considered for adjusting the equipment and guiding the operation of equipment. This use of local agents is reflected in the estimation of the project cost.

6) Policies on the operational and maintenance ability of the executing agency

The provincial health care department of the Executive District Office for Health has been supplying medical equipment and material to the targeted institutions since 2001, and the office has provided equipment four times per year through the MSD (Medical Store Depot) of the provincial health care department. According to the field study, medical service has clearly not been sufficient, as medicines and medical equipment have continually been in short supply. The maintenance of existing equipment at the targeted institutions has been the responsibility of the Electro-Medical Workshop, a section of the provincial health care department. This workshop dispatches engineers to medical institutions and provides equipment-repair services. For repair service, it provides training of inspection and technique. However, the number of technicians is limited, and the active workshop exists only near Quetta. At the district level, only Quetta, Sibi, and Khuzdar districts have workshops where technicians are stationed for repairing equipment, although the number of such technicians is relatively small and replacement parts are difficult to obtain. Thus, these conditions make equipment maintenance difficult for medical institutions. DHQs generally rely on local agents of manufacturers to repair such high-tech equipment as X-ray machines. Service technicians are stationed at relatively large local medical equipment agencies in Lahore and Karachi; these technicians have received appropriate training from manufacturers and are competent in performing difficult repair work. At some DHQs, equipment has been left without repair, as it is difficult to get the necessary parts. Thus, the items of equipment procured in the project should be limited to basic equipment that is easy to maintain.

As for maintenance of vehicles, private repair shops can take care of periodic inspections and repair work such as parts replacement. However, seemingly because of budgetary limitations, some medical facilities are not receiving such private services. Therefore, the executive district officer for health who is in charge of health care in each district should establish an appropriate maintenance system in order to supply replacement/consumable parts, to introduce an equipment maintenance system, and to employ sufficient maintenance technicians. Moreover, at the time of the installation and handing over of equipment such as X-ray machines, dental treatment units, and power generators, which require periodical inspections, the suppliers of such items should plan training sessions and dispatch specialists to provide maintenance instructions and inspection techniques to engineers who belong to the workshop.

7) Policy for determination of the grade in equipment items

The items of equipment and their grades are determined in accordance with the policy described in above section "Basic Concept of the Project." Specifically, the items and their grades are determined in consideration of medical needs, activities of the institutions and equipment, and the necessary medical personnel. The policy is as follows:

(i) The electric power source is unstable in the targeted area, with frequently low electric potential. As for the X-ray machine, which is easily affected by electrical supply fluctuation, a stable power source is desirable but not economically feasible. In such circumstances, provision of electrical power for an X-ray machine should be 300mA for DHQs, and 100-200mA for RHCs in this project.

(ii) The type of equipment is determined by the level of workers who belong to the medical field. The present level of doctors is indicated below:

a: Obstetrician: Gynecological operations in the event of sudden bleeding and imperfect miscarriage during childbirth are possible. When there is an anesthetist, it is also possible to have a cesarean section operation under anesthesia.

b: Surgeon: If there is also an anesthetist, it is possible to have surgery under general anesthesia.

c: Anesthetist: It is possible to operate the anesthesia vessel while observing the patient's condition.

d: Dentist: It is possible to treat crown/root tube cutting, cement amalgam filling, tooth extraction, and incision of an abscess.

8) Policies for Procurement/Implementation

(i) Local procurement

For the procurement of equipment in the project, the origin of the equipment will be limited to Pakistan or Japan, according to the procurement guidelines of Japan's grant aid scheme. The basic study verifies that simple equipment, made in Pakistan, has been distributed at medical institutions in the Balochistan Province. Products with guaranteed quality will be procured within Pakistan in this project.

(ii) Procurement from other countries

It is preferable that some specific items of medical equipment be selected from the products of manufacturers who have local agents in Pakistan, when a large amount of consumable supplies is needed. According to the survey, it is clear that only a few manufacturers satisfy the conditions for equipment such as X-ray machines and defibrillators. Therefore, for procurement of such equipment, other countries will also be considered in order to keep a fair tender.

(iii) Work Schedule

It is expected that ten months will be needed for the execution of the project after an exchange of notes (E/N) between the two governments. The work schedule planned for the project is detailed in Table 2-2-4-6, entitled "The implementation schedule."

9) Policy for Transportation

(i) Procurement from Japan (transportation from Japan to each district)

Karachi Port is the nearest port, about 700 kilometers from Quetta city. Thus, the items shipped from Japan will be unloaded at Karachi Port and then, after customs clearance, transported 100 to 700 kilometers to the north by trains or trucks to the eight targeted districts. The inland transportation to the districts can be completed in a single day, thanks to a good infrastructure.

(ii) Procurement from the third countries

Products made in the third countries will be procured by on-site delivery with cost, insurance, or freight included (CIF ON SITE). In this case, such products are shipped from the warehouse of the local agents in Karachi or Lahore to the project sites.

(iii) Container-stack yard

Each DHQ hospital can store some containers temporarily, and some DHQs even have a space to be used as warehouses to keep equipment for longer periods, facilitating the smooth execution of installation.

2-2-2 Equipment Plan

1) Policy on assistance to the targeted institutions

On the basis of the above-mentioned general policies, policies on assistance provided for each targeted institution are:

i) Size of project

The institutions targeted for improvement are limited to 7 DHQ hospitals, 22 RHCs, and 175 BHUs located in the eight districts (Quetta, Bolan, Sibi, Kalat, Jaffalabad, Nassirabad, Khuzdar, and Lasbela) in Balochistan Province.

ii) Equipment procured

Each DHQ hospital has specialized outpatient, operation, radiology, laboratory, and emergency outpatient departments. Currently, the targeted institutions are limited to medical specialists such as anesthesiologists, surgeons, obstetricians, and gynecologists. In order to operate under general anesthesia, the surgeon (or obstetrician) and anesthetist are indispensable, but only the DHQs in Sibi, Nassirabad, and Khuzdar have these doctors, with functioning surgery departments. The shortage of surgeons in the province has become serious social problem. GDP has been trying to solve the problem by transferring these doctors to other areas of the province; however these doctors dislike going, and sometimes refuse to go, to areas other than their hometowns. Moreover, equipment, medicine, and anesthesia supplies have been insufficient because of budgetary limitations. Doctors on the sites have already complained about this problem to the health department in the province, but the situation has not improved.

Each RHC has an outpatient department, an MCH department for mothers and children, a minor operation room, an X-ray room, a dental outpatient clinic, a laboratory, a pharmacy, and a vaccination post. One male doctor and one female doctor are supposed to be stationed at each facility; no RHC has a female doctor, and some RHCs have no doctor at all. Furthermore, only two of the 22 RHCs have dentists. In an effort to solve this problem, the health department has planned to send 30 female doctors and dentists to RHCs, but doctors have not been willing to stay in the country. An additional problem is that RHCs, like DHQs, have not been receiving medicine in sufficient quantities.

Each BHU has an outpatient department, a health-care department for mothers and babies, and a vaccination room. But many lack adequate basic infrastructures for electricity and water, and they are also short of doctors. BHUs are currently limited to providing medication and first-aid treatment for external injuries. Like other medical institutions, BHUs are short of medicine. Only 35% of BHUs have doctors, and other positions of medical personnel remain vacant.

Clearly, these institutions are unable to provide adequate medical services to local

residents. In light of the situation, the highest priority on the project is to make the increase in maintenance cost as small as possible and thereby ensure continuation of the project. Specifically, the following policies are applied in determining the items to be procured through the project:

- a. Top priority goes to basic items of equipment that are essential to daily services provided at each facility.
- b. The procurement and quantity of the equipment will be based on medical personnel (with attention to gender ratio) who are actually working at each institution. If no doctor is available, the site will not be targeted to procure equipment.
- c. In principle, items that may increase maintenance costs are procured only if the institution has experience in maintaining such items and only if such items are to replace counterparts that already exist at the targeted institution.
- d. Priority is higher for items that can operate with the existing equipment and in the existing accommodations, and items of equipment that require improvements and modifications to the facilities are not to be procured.

Ambulances are requested at DHQ hospitals and RHCs mainly for the purpose of transferring seriously ill patients to upper medical institutions. Currently, some districts do not have ambulances. In districts that do have them, the vehicles are old and dilapidated. Clearly, budgetary limitations hamper the operation and maintenance of ambulances. Therefore, procurement of ambulances is appropriate at targeted institutions that are experienced in operating and maintaining them. However, in districts that have no ambulances at their RHCs, procurement will be considered only if the district is able to prepare a budget for maintenance, if there are many urgent referral cases that require transporting patients to upper medical institutions, or if the demand for patient transportation is relatively high (more than 200 cases annually).

The following table presents an outline of expected allocating department and their functions, and the planned items of equipment.

Table 2–2 Targeted departments, their function, and planned equipment

1. DHQ Hospital

	Departments	Function	Equipment to plan
1	Out-Patient Department (OPD)	Consultation and treatment for patients by special doctors: Physician, Surgeon, Obstetrician, Gynecologist, Pediatrician, Dental surgeon, ENT	Examination equipment: Thermometer, Stethoscope, Sphygmomanometer, Examination table, Lockable cupboard.
2	Operation Theatre (O/T)	Minor surgery, and major operation under general anesthesia (Appendicitis, caesarian section, etc.)	General Operation Theatre (Operating Table, Operating Light, Operating Instruments, Patient Monitor)
3	Radiology	X-ray Diagnostics for Chest, Abdomen, and Limbs	Radiology Equipment (X-ray Plant, Dark Room Equipment)
4	Laboratory	Examination for (Hematology, Urine, Microbiology, Parasitology, etc.)	Laboratory equipment for Blood, Urine, and Microorganism (Microscope, Centrifuge)
5	Service Dept.	Management of emergency generators	Emergency Generators
6	Casualty	First aid to observe and transport emergency cases	Ambulance, Shadowless light, Minor surgery set.
7	Ward (Male, Female, Pediatrics, Labor, General)	Care for indoor patients	Ward equipment (Sphygmomanometer, I/V stand, Nebuliser, incubators etc.)

2. RHC

No.	Departments	Function	Equipment to be considered
1	OPD (Men/Women)	Consultation by medical officer	Diagnostic equipment: stethoscope, ENT set, sphygmomanometer
2	Lady Health Visitor (LHV) room	MCH: antenatal/postnatal and neonatal care	MCH equipment: fetoscope, weighing machine, height machine
3	Minor O/T	Minor surgery	Minor surgical instruments, boiling sterilizer
4	Dental room	Dental treatment: removal of plaque, treatment of children's teeth and tooth lap flame	Dental equipment: Dental chair, dental X-ray and forceps
5	X-ray room	X-ray diagnosis for limbs and chest	Radiology equipment: X-ray plant and dark room equipment
6	Laboratory	Blood, Urine, and Stool Examination	Laboratory equipment: Microscope, Centrifuge
7	EPI	Vaccination and store to keep vaccine	Cold chain equipment: Vaccine refrigerator, Cold box, Vaccine carrier
8	Casualty	Transport of emergency cases	Ambulance
9	Ward: (Male/female wards each 10 bed)	Observing patients with irrigation and providing medicine	Ward equipment: I/V stand, stretcher

3. BHU

No.	Departments	Function	Equipment to be considered
1	OPD	Consultation by medical officer (M/O) or medical technician (M/T)	Stethoscope, sphygmomanometer
2	LHV room	MCH: antenatal/postnatal and neonatal care by LHV	Fetoscope, weighing machine, height machine
3	EPI	Vaccination and store to keep vaccine	Cold chain: Vaccine refrigerator, Cold box, and Vaccine carrier

iii) Relationships with the other donors

- a. The World Bank: There is no repetition with this project, as the World Bank donated examination equipment for blood screening and a low-frequency sterilizer for medical waste.
- b. The Asian Development Bank: There are repetitions of equipment at Jaffarabad and Khuzdar. This equipment has already been tendered at the DHQ and will be implemented in April 2004; therefore, these items were deleted from Japan's project. In terms of the equipment for RHCs and BHUs, the plan has not yet been confirmed by the Islamabad branch of the bank. The Medical Department of the province prioritized the equipment through Japan's aid, and has promised to implement equipment other than that provided by the bank in order to avoid overlapping.
- c. UNICEF: In Balochistan Province, UNICEF has been promoting the vaccination enlargement plan and, under the plan, recommending procurement of the same kind of cold chain equipment. The Japanese side decided to take into account the renewal of ten items that were deteriorated at the time of the study.
- d. The U.S. international developing agency: There is no repetition of equipment.

iv) Consideration of the environment

This project has made the following considerations:

a. Medical waste disposal

DHQ: In terms of infection waste equipment such as disposable injection needles and tubes, surgical knives, and blood bags, they have been buried after incineration. Blood or other body fluids have flowed in general sewage after purification in a liquid medicine processing tank. Lesin/placenta of patients has been buried in a specified place.

RHC: As with DHQs, waste has been incinerated and processed to general sewage after purification.

In this project, the procured equipment will not be related to the above-mentioned waste. However, in regard to toxic material such as dioxin from chlorine compounds such as vinyl chloride, it would be better not to incinerate but to divide and collect or use a burying process.

b. Protection from radiation

Concerning radiation emitted from the x-ray machine, it is necessary to use a cover with concrete-wall thickness as well as to have a protective door in order to avoid being bombed. At present, targeted institutions do have concrete walls, but the doors are problematic since they are made of wood. Therefore, this project will

provide for a lead plate to be installed in the x-ray room doors of the 22 institutions.

2) Design policies

Items of equipment to be deleted from the project are selected on the basis of deletion equipment criteria (Table 2-3), determined by the above-mentioned policies. The selected items, after deletion of several items listed below, are specified in Appendix 5. The specifications and purpose of major equipment are revealed in Table 2-4.

From the results of the selective determination, the draft basic design equipment list is compiled in Table 2-5. A breakdown of the draft B/D equipment is presented in Appendix 5.

Table 2-3 Deletion equipment criteria

1. DHQ Hospitals and RHCs

1.	× : Existing items of equipment have not been maintained properly.
2.	× : Consumables for the existing equipment have not been procured regularly.
3.	× : The existing equipment is in better condition, or there is a procurement plan by other donor agencies.
4.	× : Items would increase extra cost for its operation and sufficient maintenance.
5.	× : Items that operators have not yet positioned
6.	× : The item does not meet function of the institution, even though a well-trained working operator is available.
7.	× : The item would not contribute to improved basic health care.

2. BHUs

1.	× : No medical personnel is available to manage use of the equipment.
2.	× : The infrastructure of the institution has not been properly prepared.
3.	× : The targeted institution's activity has been poor in terms of the number of patients and the frequency of treatment or surgery.
4.	× : The amount of existing equipment is sufficient, or the items have already procured.
5.	× : The item of equipment would possibly increase operation/ maintenance costs.

Table 2-4 Major equipment

Item	Name of Equipemt	Specifications	Purpose
For DHQ			
1	ENT unit	①ENT treatment unit For one patient type Reclining back rest Diagnosis light equipped ②ENT Treatment chair Height adjustable Reclining back rest ③Doctor's chair : Height adjustable ④ENT diagnostic set : Electric type, rechargeable possible	To use for ENT treatment and diagnosis of Patients.
2	Dental chair unit	①Dental chair Height adjustment Reclining back rest Light type : Halogen ②Air compressor : Sound proof type ③Doctor chair : Height adjustable ④dental X-ray unit : Spot type Coagulator,etc.	To use for dental treatment and minor operatons of Patients for dental clinic of
3	Anesthesia machine with Ventilator	①Anesthesia machine Flow meter : O2、 N2O Monitoring function : Available CO2 absorber provided Vaporizer : Halothane ②Ventilator Tidal volume : Adjustable, for adult Breath rate : Adjustable Alarm : Functional	To conduct general anesthesia to patients and to make operations and treatment without pains to patients.
4	Diathermy (For general surgery)	For general surgery Function : Cutting、 coagulation、 bipolar Cart, Electrode provided	To perform incision and solidification of a living body tissue by passing high frequency current to the tissue. To use for a general surgical operation.
5	Diathermy (For general surgery and ophthalmology surgerv)	For general surgery, ophthalmology Function : Cutting、 coagulation、 bipolar Cart, Electrode provided	To perform incision and solidification of a living body tissue by passing high frequency current to the tissue. To use for a general surgical operation and an ophthalmology operation.

Item	Name of Equipemt	Specifications	Purpose
6	Generator	Engine : Diesel Sound proof type Output : 30KVA approx.	To use for back-up power source so as not to hinder hospital functions in power
7	Generator	Engine : Diesel Sound proof type Output : 20KVA approx.	To use for back-up power source so as not to hinder hospital functions in power
8	OT light	Ceiling type Twin type(main and satelite light) Lamp: Halogen	To illuminate precisely operating parts during operations and secure most proper brightness, colors, humidity and generate no heat and thus
9	OT table	Positioning : Hydraulic pump type possible Lateral tilt possible Castor, Brake provided Main composition Shoulder support, arm board, body support, screen frame, knee crutches, foot board, douche funnel with waste receptacle provided	A universal operating table, which operators can adjust the positions based on parts of operating, and is mainly used for caesarian section in Obstetrics.
10	X-ray machine	①High voltage generator Inverter type Max. output : 300mA or more ② X-ray tube Max. output : 125KV approx. Floor stand type ③Table Floating type ④Others Bucky stand, Developing tank, Dryer, Protective apron, Film cassette,	To use for diagnostics of born and diseases of interal organs by X-ray photo.
11	Ambulance	One box type Engine type : Diesel Displacement : 2400CC approx. 5 speed adjustment、 right handle Main composition Main stretcher, Sub stretcher, Oxygen cvlinder Resuscitator	To transport emergency cases to higher level
12	Patient monitor	Measurement parameter : ECG, HR Display : 8 inch or more,CRT or LCD No. of trace : 3 channel or more Printer, cart provided Rechargeable battery is available	To monitor patient's conditions continuously by measurement of ECG during operations.

Item	Name of Equipemt	Specifications	Purpose
For R H C			
13	Dental chair unit	①Dental chair Height adjustment Reclining back rest Light type : Halogen ②Air compressor : Sound proof type ③Doctor chair : Height adjustable ④dental X-ray unit : Spot type Coagulator,etc.	To use for diagnostics and treatment of Patients for dental clinic.
14	Dental chair unit	①Dental chair Height adjustment Reclining back rest Light type : Halogen ②Air compressor : Sound proof type ③Doctor chair : Height adjustable ④Others : Amalgamixer,	To use for diagnostics and treatment of Patients for dental clinic.
15	Generator	Engine : Diesel Sound proof type Output : 20KVA approx.	To use for back-up power source so as not to hinder hospital functions in nower
16	X-ray machine	①High voltage generator Inverter type Max. output : 100mA or more ② X-ray tube Max. output : 125KV approx. Floor stand type ③Table Fix type ④Others Lieder cassette stand, Developing tank, Dryer, Protective apron, Film cassette, Screen, etc.	To use for diagnostics of born and diseases of interal organs by X-ray photo.
17	Ambulance	One box type Engine type : Diesel Displacement : 2400CC approx. 5 speed adjustment, Right handle Main composition Main stretcher, Sub stretcher, Oxygen cylinder	To transport emergency cases to higher level

Item	Name of Equipemt	Specifications	Purpose
For B H U			
18	Diagnostic set	①Pen torches : Electric type ②Baby weighing scale ③Height scale ④Weighting scale ⑤Thermometers : Mercury type ⑥Aneroid sphygmomanometer : Portable ⑦Mercury sphygmomanometer : Desk top ⑧Stethoscope : For doctor ⑨First aid set : For making a round of visit to ⑩Examination table : With mattress ⑪Bowl, kidney dish, dressing tray : Stainless steel ⑫I/V stand : For 2 pcs., with castors ⑬Revolving stool : Revolving tyne with castors ⑭Screen : For 3 sections ⑮Oxygen cylinder : With flow meter cylinder trav ⑯Basin stand : For 2 basins	To use for diagnostics and treatment of Patients for OPD.
19	Obstetrics diagnostic	①Fetoscope : Traube type ②Speculum for OB/GY : Cusco type	To use for diagnostics and treatment of pregnant women for Obstetrics.
20	EPI apparatus set	①Frldge (with AVR) Temperature management : Avaialbe With freezer ②Cold box For storing vaccine ③Vaccine carrier For conveying vaccine	To use for storing and conveying EPI vaccine for resident.

Table 2-5 Basic Design Study Equipment List

1) DHQ

No.	Description	Sibi	Bolan	Nasirabad	Jaffarabad	Kalat	Khuzdar	Lasbela	Total Q'ty
DHQ - 1	Boiling Sterilizers	0	4	4	4	5	4	0	21
DHQ - 2	Pen Torches	0	5	10	8	1	10	7	41
DHQ - 3	Baby weighing scale	2	1	1	1	0	2	0	7
DHQ - 4	Weighing scale	1	1	1	1	1	2	1	8
DHQ - 5	Height scale	1	1	1	1	1	1	1	7
DHQ - 6	Thermometers	6	10	0	10	4	20	20	70
DHQ - 7	Minor surgery Set	3	2	2	2	2	2	1	14
DHQ - 8	Sphygmomanometer	3	5	6	8	1	12	2	37
DHQ - 9	Stethoscope	2	5	0	2	2	2	2	15
DHQ - 10	Fetoscope	1	2	0	2	2	1	1	9
DHQ - 11	Examination table	2	4	5	2	0	0	2	15
DHQ - 12	Fridge with AVR	0	2	2	0	0	3	0	7
DHQ - 13	Lockable cupboards for medicines	1	8	5	4	3	0	0	21
DHQ - 14	Bowl, kidney dish, dressing tray	0	2	2	6	1	0	2	13
DHQ - 15	Delivery table	1	0	1	0	0	0	1	3
DHQ - 16	Resuscitation bag (adult)	2	1	1	1	0	1	1	7
DHQ - 17	Resuscitation bag (infant)	0	0	1	0	2	1	0	4
DHQ - 18	ENT Unit	1	0	0	0	0	1	1	3
DHQ - 19	Examination Light	2	3	3	2	3	1	3	17
DHQ - 20	Speculum for OB/GY	10	0	2	2	10	0	1	25
DHQ - 21	I / V stand	5	10	4	9	0	0	5	33
DHQ - 22	Revolving stool	3	5	7	8	0	0	10	33
DHQ - 23	Screen	1	10	4	10	1	0	2	28
DHQ - 24	Dental chair unit	1	0	0	1	1	1	0	4
DHQ - 25	Dental instrument	2	0	1	1	2	1	0	7
DHQ - 26	Blood bank refrigerator	0	0	0	0	0	0	1	1
DHQ - 27	Anesthesia machine with Ventilator	0	0	1	0	0	1	0	2
DHQ - 28	BP, Pulse Oxymeter	0	0	1	0	1	1	0	3
DHQ - 29	Suction machine (large)	0	1	1	1	1	1	1	6
DHQ - 30	Suction machine (small)	1	2	2	2	2	1	1	11
DHQ - 31	Diatheermy	1	0	1	0	1	1	0	4
DHQ - 32	Generator	1	1	1	1	0	0	0	4
DHQ - 33	Centrifuge	0	0	0	1	0	1	0	2
DHQ - 34	Microscope	0	0	0	1	0	1	0	2
DHQ - 35	Diagnostic set	0	1	1	1	1	0	1	5
DHQ - 36	Surgery instrument set	2	0	1	0	0	1	0	4
DHQ - 37	Gynae Obs set	1	0	0	0	1	1	0	3
DHQ - 38	Autoclave	1	0	1	1	0	1	0	4
DHQ - 39	Medicine trolley	0	5	0	6	0	1	2	14
DHQ - 40	Stretcher trolley	0	2	1	2	2	2	1	10
DHQ - 41	Mobile OT light with battery	1	0	1	0	1	0	0	3
DHQ - 42	OT light	0	0	1	0	1	0	0	2
DHQ - 43	OT table	0	0	0	0	1	0	0	1
DHQ - 44	X-ray machine	1	0	1	0	0	0	0	2
DHQ - 45	Ambulance	1	1	1	1	1	1	0	6
DHQ - 46	Laryngoscope (adult)	1	1	1	1	0	1	0	5
DHQ - 47	Laryngoscope (infant)	1	0	1	0	0	1	0	3
DHQ - 48	Buckets	7	6	6	6	3	3	6	37
DHQ - 49	Baby cot	0	1	1	0	1	0	1	4
DHQ - 50	Infant incubator	1	0	0	0	0	0	0	1
DHQ - 51	ECG	0	0	0	0	1	1	0	2
DHQ - 52	Surgical Drum	0	0	0	0	0	1	0	1
DHQ - 53	Wheel chair	0	0	0	0	0	2	0	2
DHQ - 54	Oxygen Cylinder with flowmeter and Mask	1	2	0	2	0	2	0	7
DHQ - 55	Nebulizer	1	1	1	0	1	0	1	5
DHQ - 56	Patient Monitor	0	0	1	0	0	1	0	2
DHQ - 57	Defibrillator	0	0	1	0	0	0	0	1
DHQ - 58	Water pump	1	0	0	0	0	0	0	1
DHQ - 59	Plaster cutter	1	1	1	1	1	1	1	7
DHQ - 60	Water distillation unit	1	0	1	1	1	1	1	6

2) RHC

No.	Description	Quetta	Sibi	Bolan	Nasirabad	Jaffarabad	Kalat	Khuzdar	Lasbela	Total Q'ty
RHC - 1	Boiling Sterilizers	4	4	2	5	2	1	7	3	28
RHC - 2	Pen Torches	7	4	2	5	3	4	20	10	55
RHC - 3	Baby weighing scale	2	2	2	3	1	0	3	1	14
RHC - 4	Height scale	2	4	2	3	1	2	4	4	22
RHC - 5	Weighing scale	2	4	2	3	1	2	4	4	22
RHC - 6	Thermometers	24	48	24	36	12	24	30	9	207
RHC - 7	Minor surgery set	4	7	4	6	2	4	6	4	37
RHC - 8	Sphygmomanometer	7	4	2	5	6	0	17	6	47
RHC - 9	Stethoscope	7	2	2	3	1	6	4	5	30
RHC - 10	Fetoscope	4	6	2	1	1	3	4	1	22
RHC - 11	Examination table	5	1	5	5	2	0	13	5	36
RHC - 12	Cold box and vaccine carrier	0	0	1	0	0	0	0	0	1
RHC - 13	Fridge with AVR	0	0	1	0	0	0	2	1	4
RHC - 14	Lockable cupboards for medicines	6	0	6	9	3	2	10	5	41
RHC - 15	Bowl, kidney dish, dressing tray	6	2	6	9	3	2	10	6	44
RHC - 16	Delivery table	0	0	1	1	1	0	3	1	7
RHC - 17	Resuscitation bag	2	3	1	2	1	2	4	3	18
RHC - 18	Diagnostic set	2	3	1	2	1	2	4	2	17
RHC - 19	Examination Light	6	7	3	6	2	4	12	6	46
RHC - 20	Speculum for OB/GY	2	2	1	1	1	6	3	2	18
RHC - 21	I / V stand	6	2	5	8	5	4	19	8	57
RHC - 22	Revolving stool	7	5	5	7	4	2	23	9	62
RHC - 23	Screen	8	3	5	8	0	3	14	3	44
RHC - 24	Dental chair unit	0	1	0	0	0	1	0	0	2
RHC - 25	Dental instrument	0	2	0	0	0	1	1	0	4
RHC - 26	Suction machine	2	0	1	3	1	0	4	4	15
RHC - 27	Diathermy	0	1	0	0	0	0	0	0	1
RHC - 28	Generator	0	0	0	1	1	0	1	2	5
RHC - 29	Centrifuge	0	1	0	0	1	0	2	0	4
RHC - 30	Microscope	0	0	0	0	1	0	1	0	2
RHC - 31	Gynae / Obs set	0	0	0	0	0	2	0	0	2
RHC - 32	Medicine trolley	6	2	4	5	2	6	9	1	35
RHC - 33	Stretcher trolley	2	3	0	2	1	1	4	2	15
RHC - 34	X - ray machine	0	1	0	0	0	0	2	1	4
RHC - 35	Ambulance	1	1	1	1	1	1	1	1	8
RHC - 36	Buckets	6	6	5	8	3	6	12	11	57
RHC - 37	Baby cot	0	0	1	1	1	0	4	1	8
RHC - 38	Wheel chair	0	2	0	1	1	0	1	1	6
RHC - 39	Oxygen Cylinder with flowmeter and Mask	2	2	2	2	0	0	6	2	16
RHC - 40	Nebulizer	2	4	1	3	1	2	3	3	19
RHC - 41	Water Tank	2	1	2	3	1	0	0	0	9
RHC - 42	Basin stand	4	2	4	4	0	0	0	0	14

3) BHU

No.	Description	Quetta	Sibi	Bolan	Nasirabad	Jaffarabad	Kalat	Khuzdar	Lasbela	Total Q'ty
BHU - 1	Boiling Sterilizers	33	18	9	11	18	5	5	8	107
BHU - 2	Pen Torches	72	40	26	22	48	24	44	74	350
BHU - 3	Baby weighing scale	36	20	13	11	24	12	22	37	175
BHU - 4	Height scale	36	20	13	11	24	12	22	37	175
BHU - 5	Weighing scale	36	20	13	11	24	12	22	37	175
BHU - 6	Thermometers	144	80	52	44	96	48	88	148	700
BHU - 7	First Aid set	36	20	13	11	24	12	22	37	175
BHU - 8	Sphygmomanometer (Aneroid portable type)	36	20	13	11	24	12	22	37	175
BHU - 9	Sphygmomanometer (Mercury type)	36	20	13	11	24	12	22	37	175
BHU - 10	Stethoscope	36	20	13	11	24	12	22	37	175
BHU - 11	Fetoscope	36	19	13	11	22	5	22	31	159
BHU - 12	Examination table	36	20	13	11	24	12	22	37	175
BHU - 13	Cold box and vaccine carrier	0	1	2	2	2	0	1	2	10
BHU - 14	Fridge with AVR	0	1	2	2	2	0	1	2	10
BHU - 15	Lockable cupboards for medicines	36	20	13	11	24	12	22	37	175
BHU - 16	Bowl, kidney dish, dressing tray	72	40	26	22	48	24	44	74	350
BHU - 17	Delivery table	34	18	12	9	18	3	21	30	145
BHU - 18	Resuscitation bag	32	9	3	8	22	4	13	18	109
BHU - 19	Diagnostic set	32	9	3	8	22	4	13	18	109
BHU - 20	Examination Light	33	18	9	11	18	5	5	8	107
BHU - 21	Speculum for OB/GY	36	19	13	11	22	5	22	31	159
BHU - 22	I / V stand	36	20	13	11	24	12	22	37	175
BHU - 23	Revolving stool	72	40	26	22	48	24	44	74	350
BHU - 24	Screen	72	40	26	22	48	24	44	74	350
BHU - 25	Oxygen cylinder with flowmeter and mask	36	20	13	11	24	12	22	37	175
BHU - 26	Water tank	36	20	13	11	24	12	22	37	175
BHU - 27	Basin stand	36	20	13	11	24	12	22	37	175

2-2-3 Basic Design Drawing

The Following table describes the drawings list of the targeted institutions; DHQ Hospitals, RHCs, and BHUs.

Table 2-6 Drawing list of targeted institutions

No.	Medical Institutions	Contents of Drawings
1	DHQ Hospital, Sibi, District Sibi	Figure-1 Building Layout Plan Figure-2 Floor Plan Figure-3 Dental OPD Figure-4 Generator room Figure-5 Machine room Figure-6 X-Ray room
2	DHQ Hospital, Dadhar, District Bolan	Figure-7 Building layout plan Figure-8 Floor plan Figure-9 Generator room
3	DHQ Hospital, D.M.Jamali District Nassirabad	Figure-10 Building layout plan Figure-11 Floor plan Figure-12 Operation theatre Figure-13 X-Ray room Figure-14 Generator room
4	DHQ Hospital, Dera Allah Yar District Jaffalabad	Figure-15 Building layout plan Figure-16 Floor plan Figure-17 Dental OPD Figure-18 Operation theatre
5	DHQ Hospital, Kalat, District Kalat	Figure-19 Building layout plan Figure-20 Dental OPD
6	DHQ Hospital, Khuzdar District Khuzdar	Figure-21 Building layout plan Figure-22 Dental OPD
7	DHQ Hospital, Uthar District Lasbela	Figure-23 Building layout plan Figure-24 Floor plan
8	RHC	Figure-25 Floor plan
9	BHU	Figure-26 Floor plan
10	RHC, Lehri, District Sibi	Figure-27 Dental OPD Figure-28 X-Ray room
11	RHC, Mirwah, District Nassirabad	Figure-29 Generator room
12	RHC, Gidar, District Kalat	Figure-30 Dental OPD
13	RHC, Zehri, District Khuzdar	Figure-31 Generator room Figure-32 X-Ray room
14	RHC, Wadh, District Khuzdar	Figure-33 X-Ray room
15	RHC, Bela District Lasbela	Figure-34 X-Ray room
16	RHC, Durej, District Lasbela	Figure-35 Generator room
17	RHC, Gaddani, District Lasbela	Figure-36 Generator room

2-2-3-1 DHQ Hospital, Sibi

Figure 2-1 Layout map

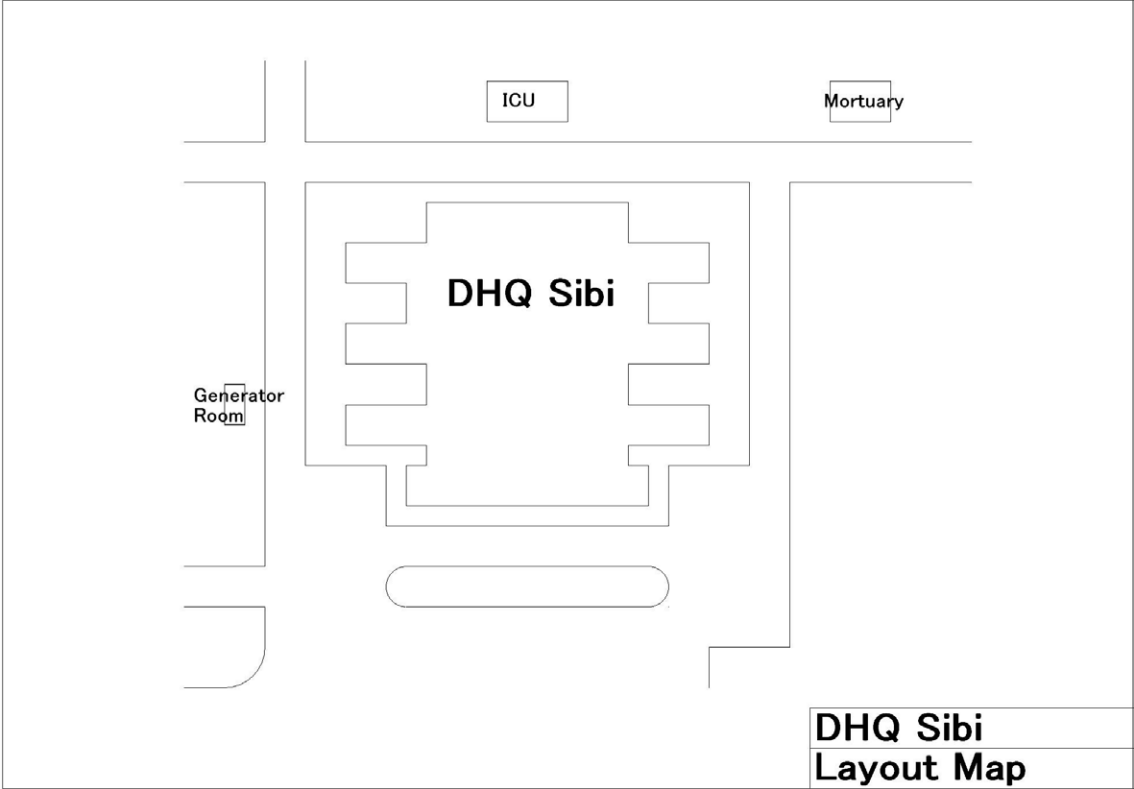


Figure 2-2 Floor map

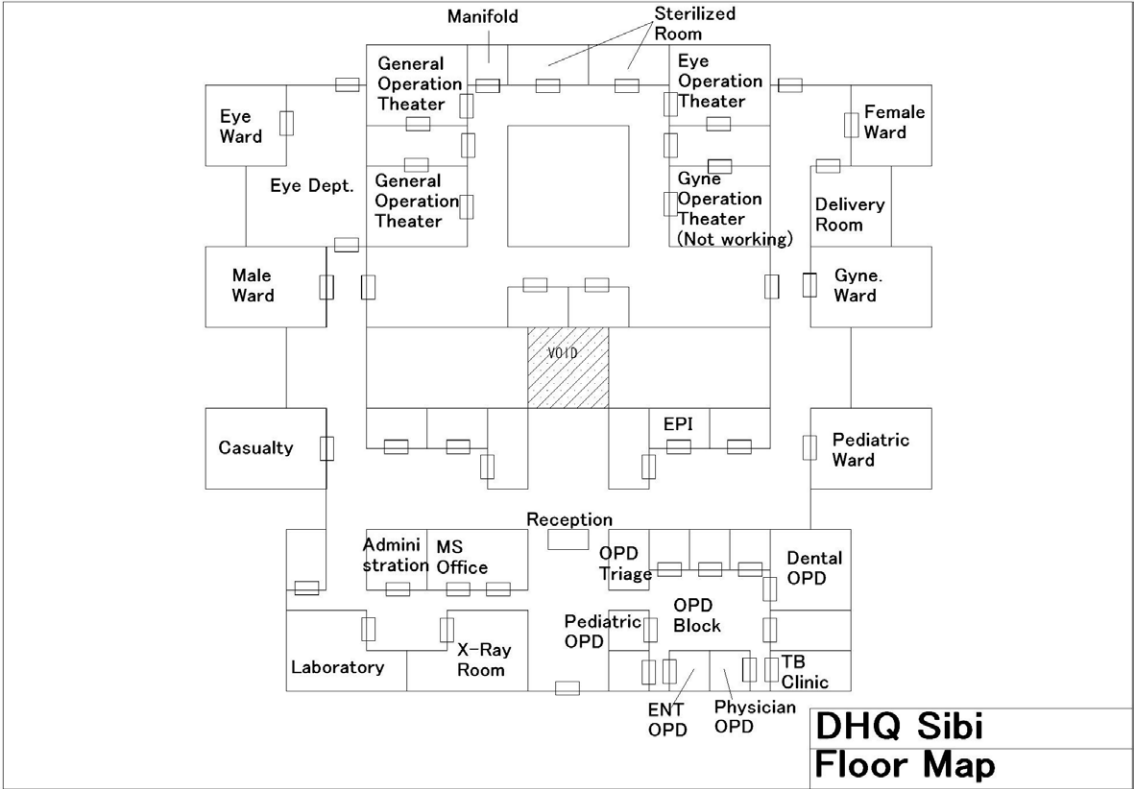


Figure 2-3 Dental room

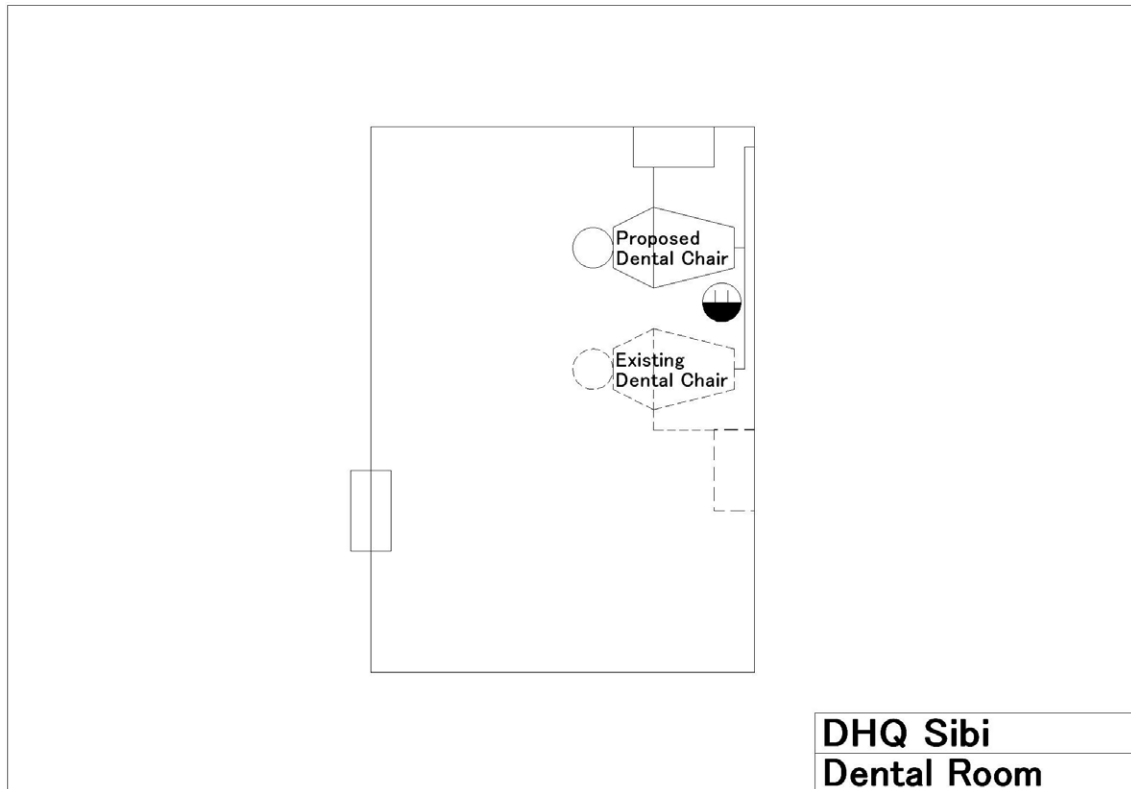


Figure 2-4 Generator room

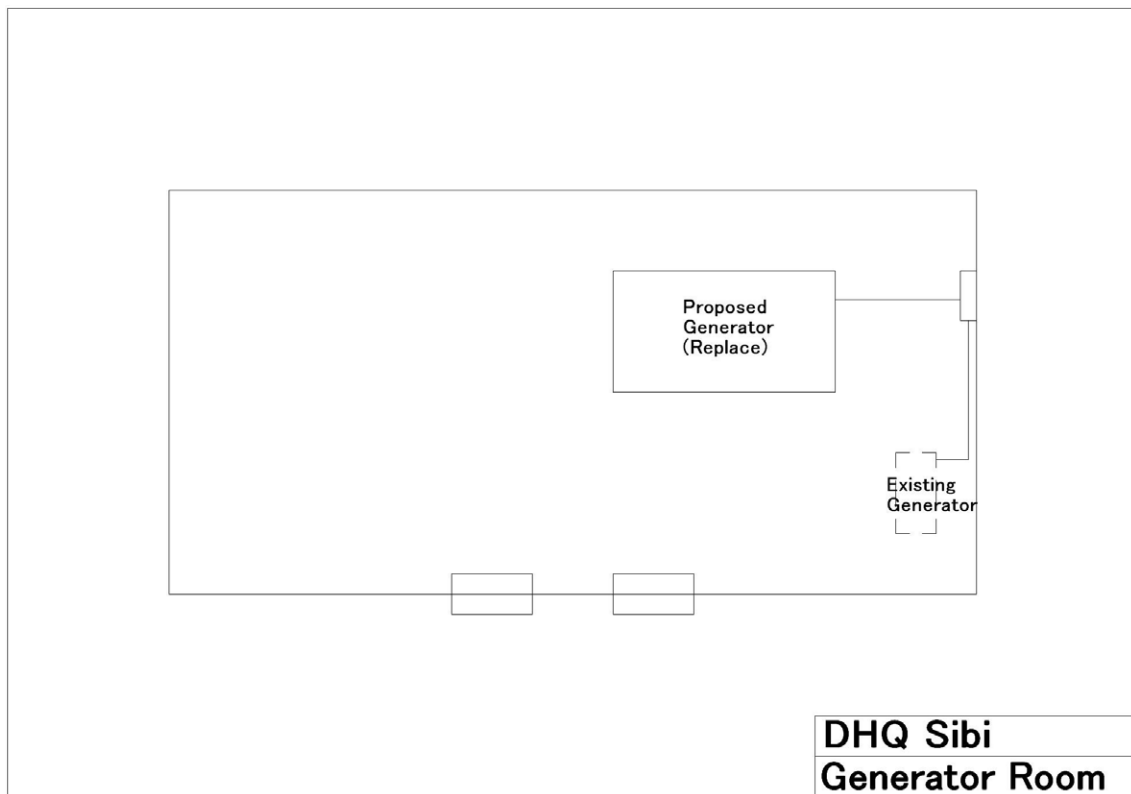


Figure 2-5 Machine room

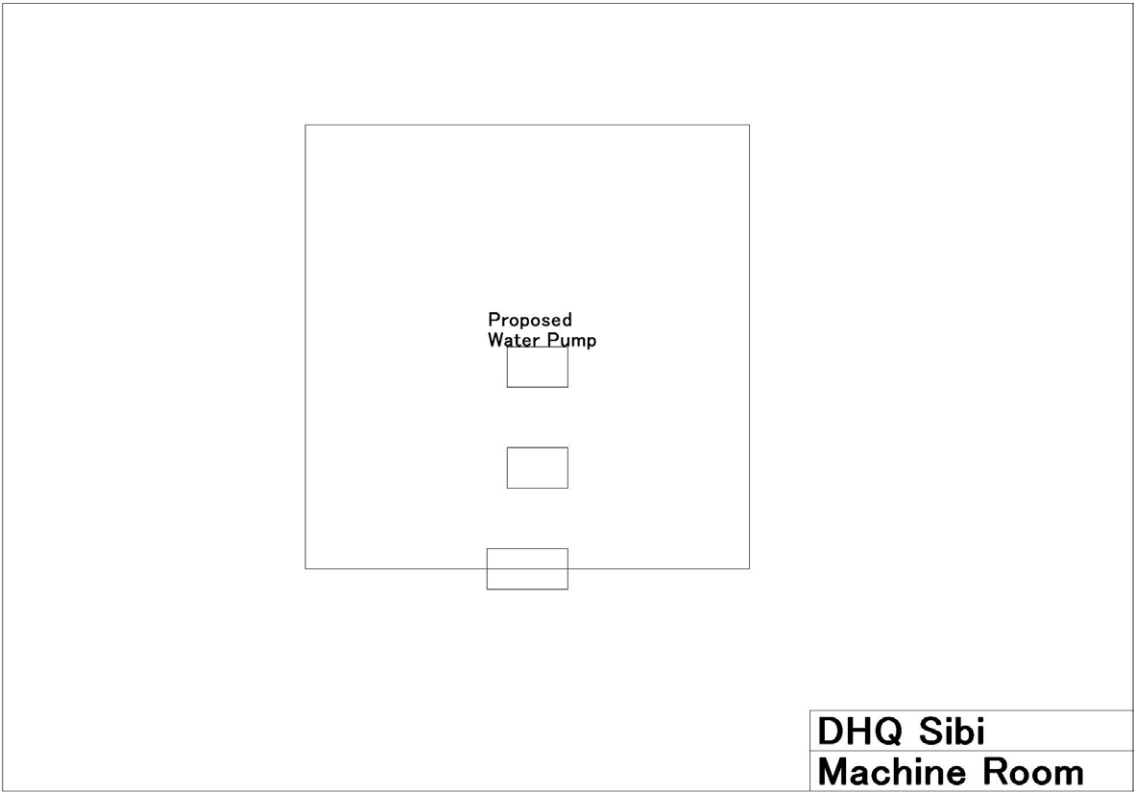
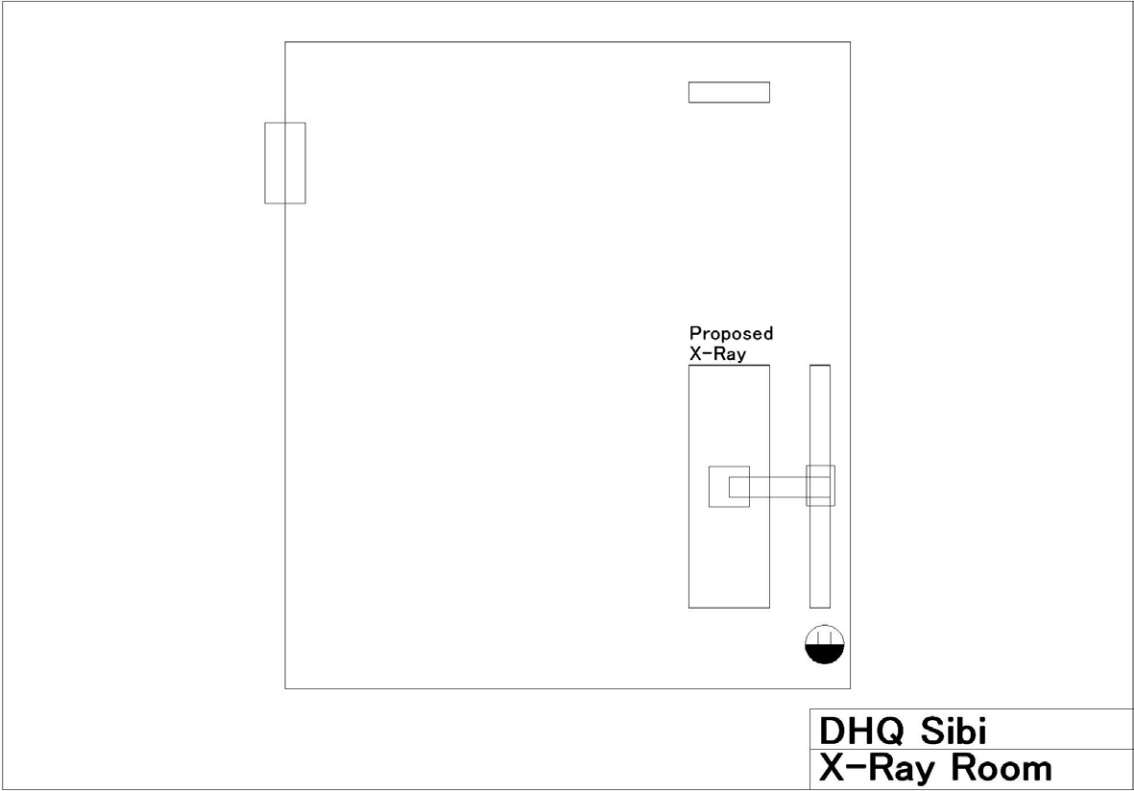


Figure 2-6 X-Ray room



2-2-3-2 DHQ Hospital, Dadhar, Bolan District

Figure 2-7 Layout map

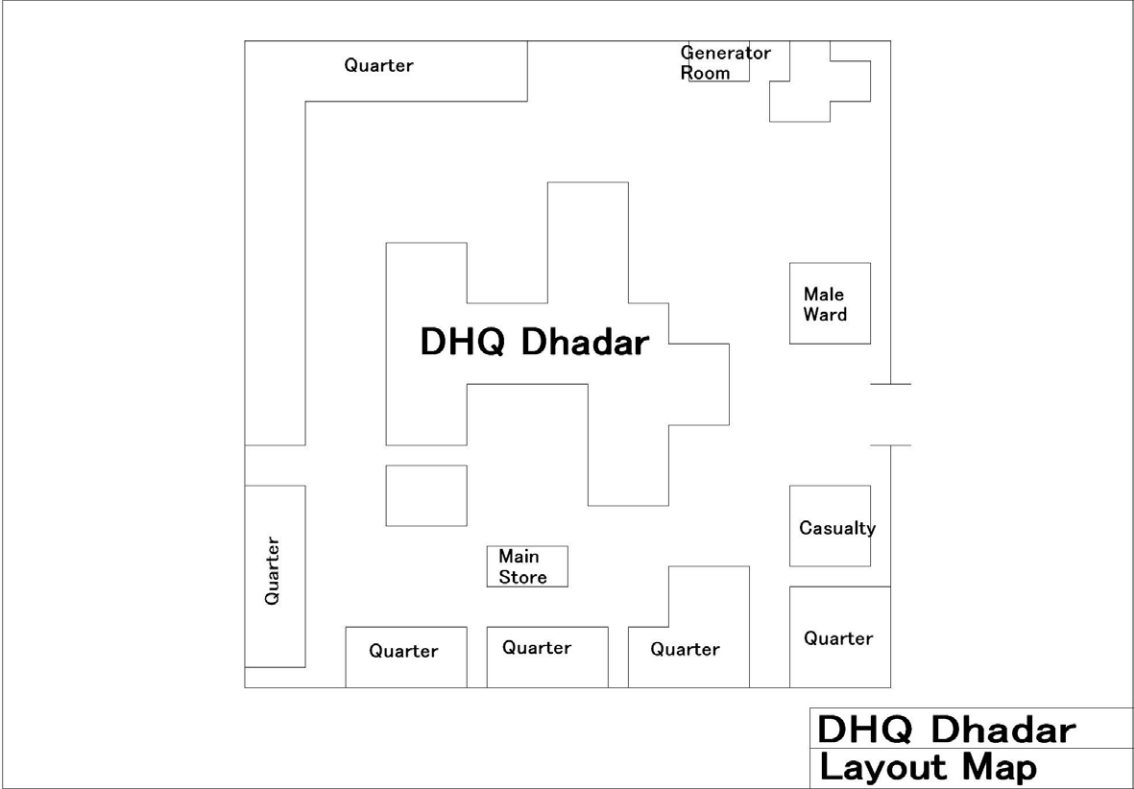


Figure 2-8 Floor map

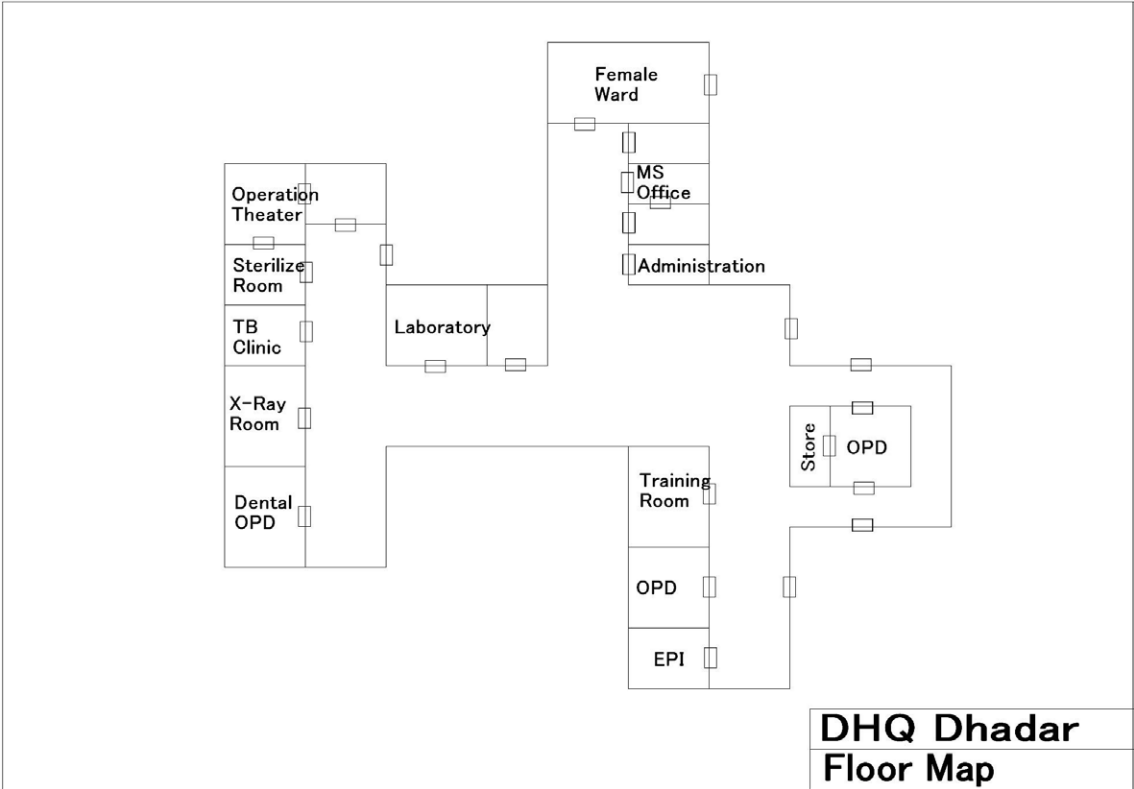
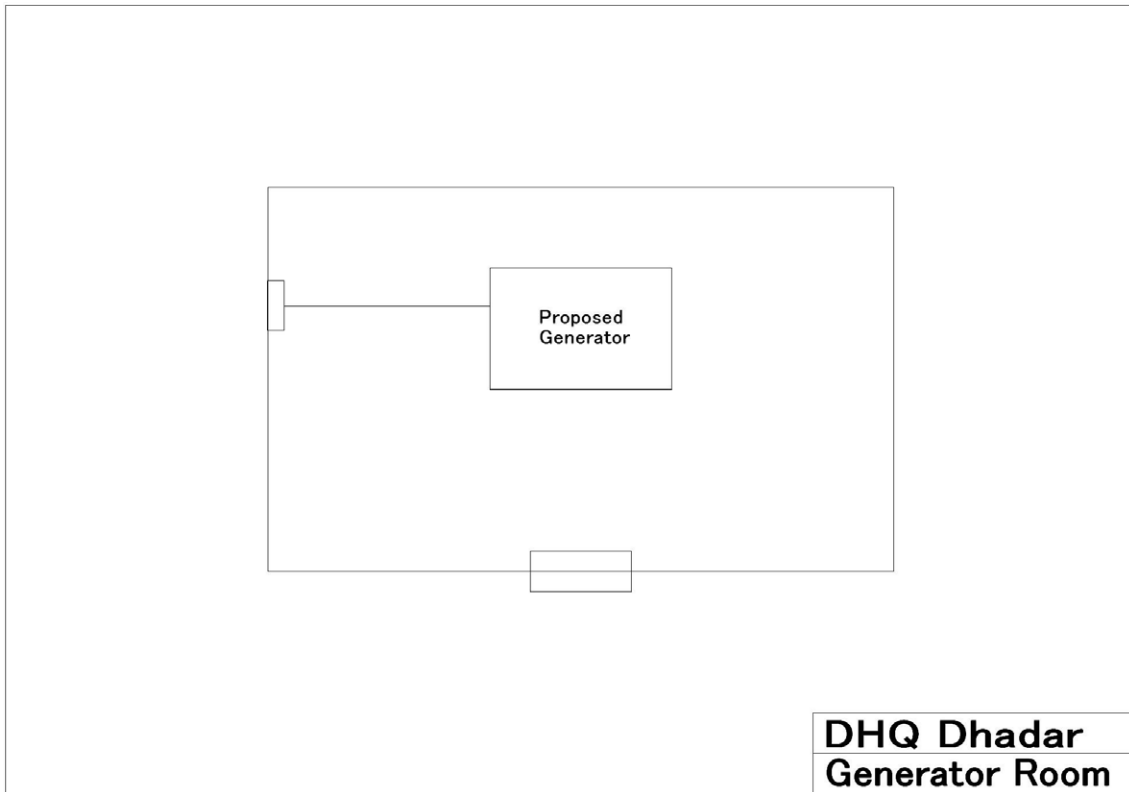


Figure 2-9 Generator room



2-2-3-3 DHQ Hospital, D.M.Jamali, Nasirabad District

Figure 2-10 Layout map

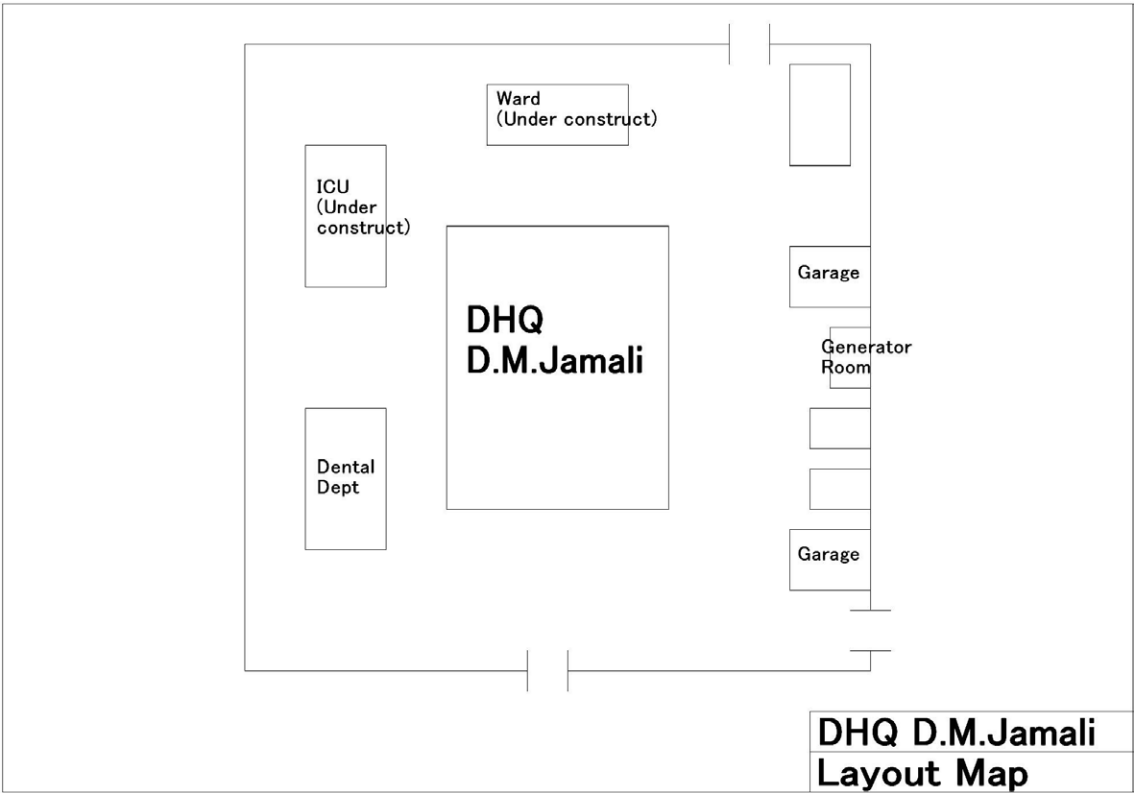


Figure 2-11 Floor map

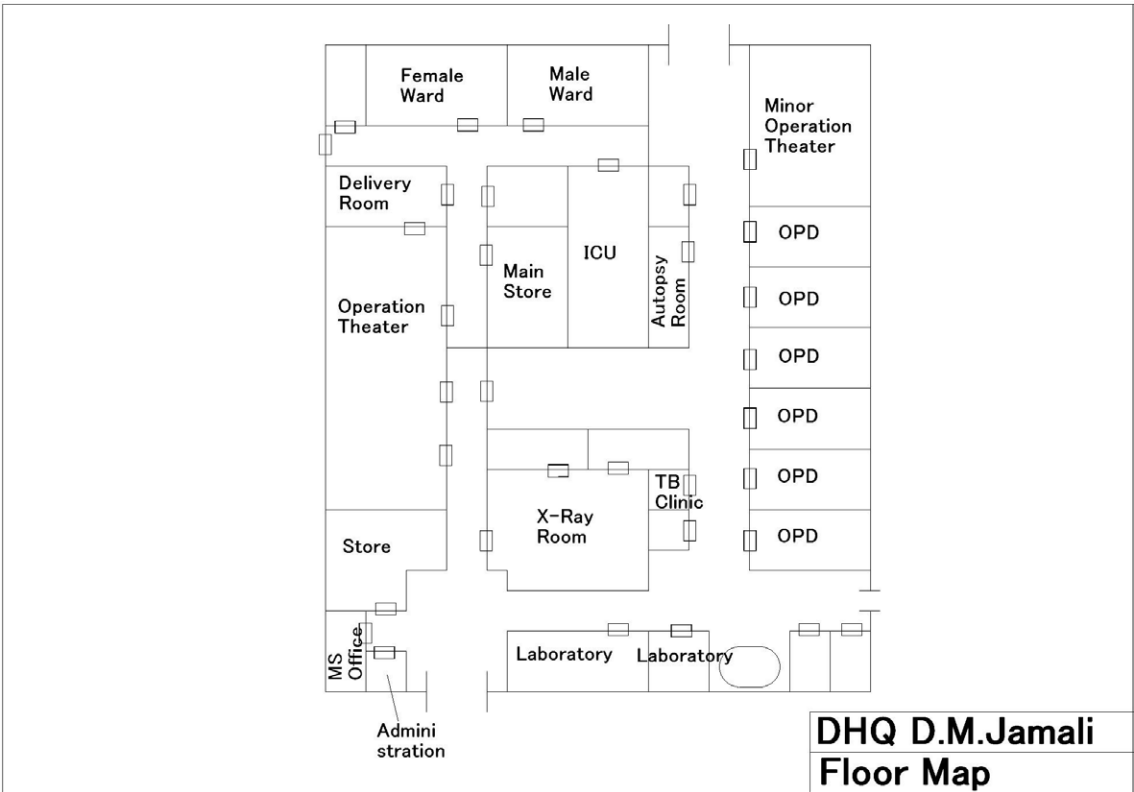


Figure 2-12 Operation theater

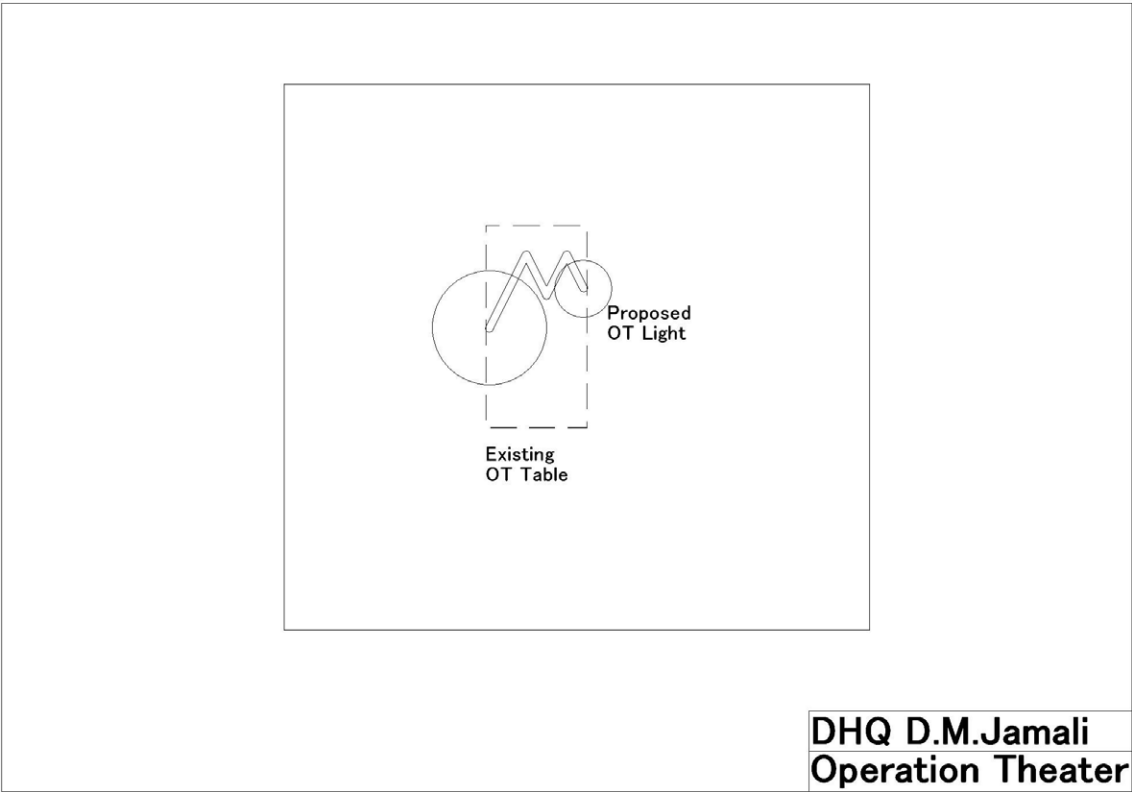


Figure 2-13 X-Ray room

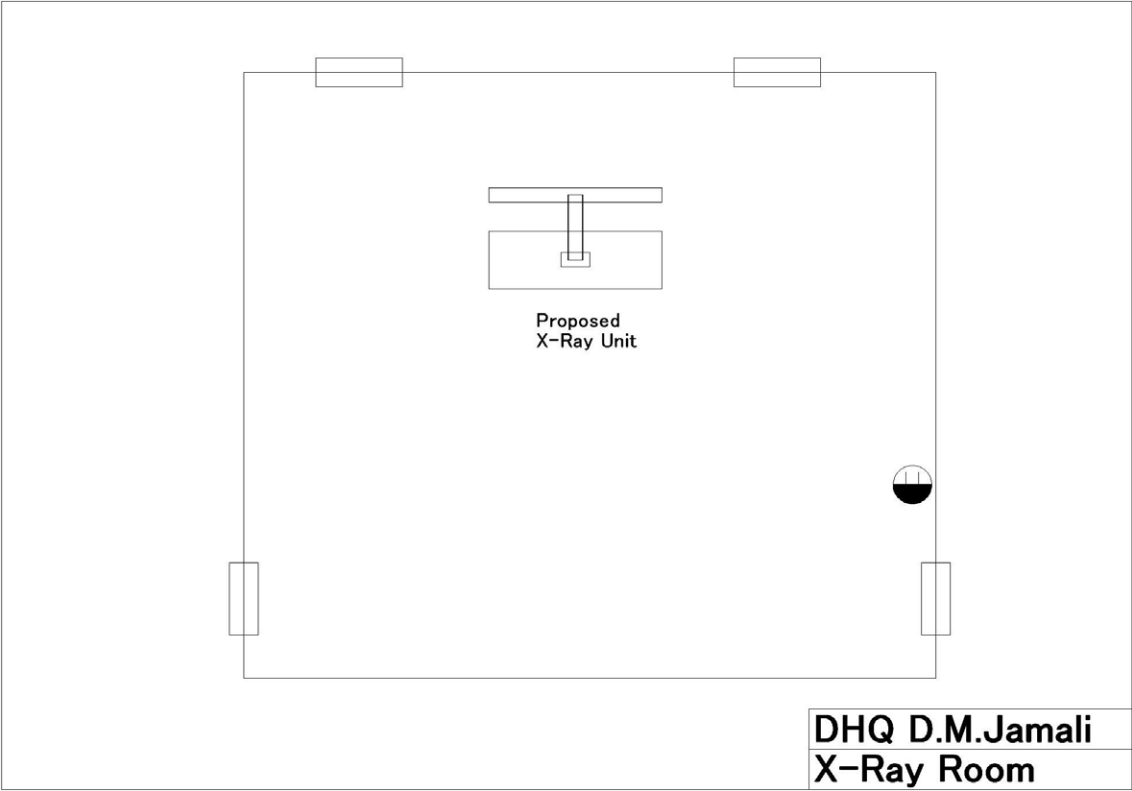
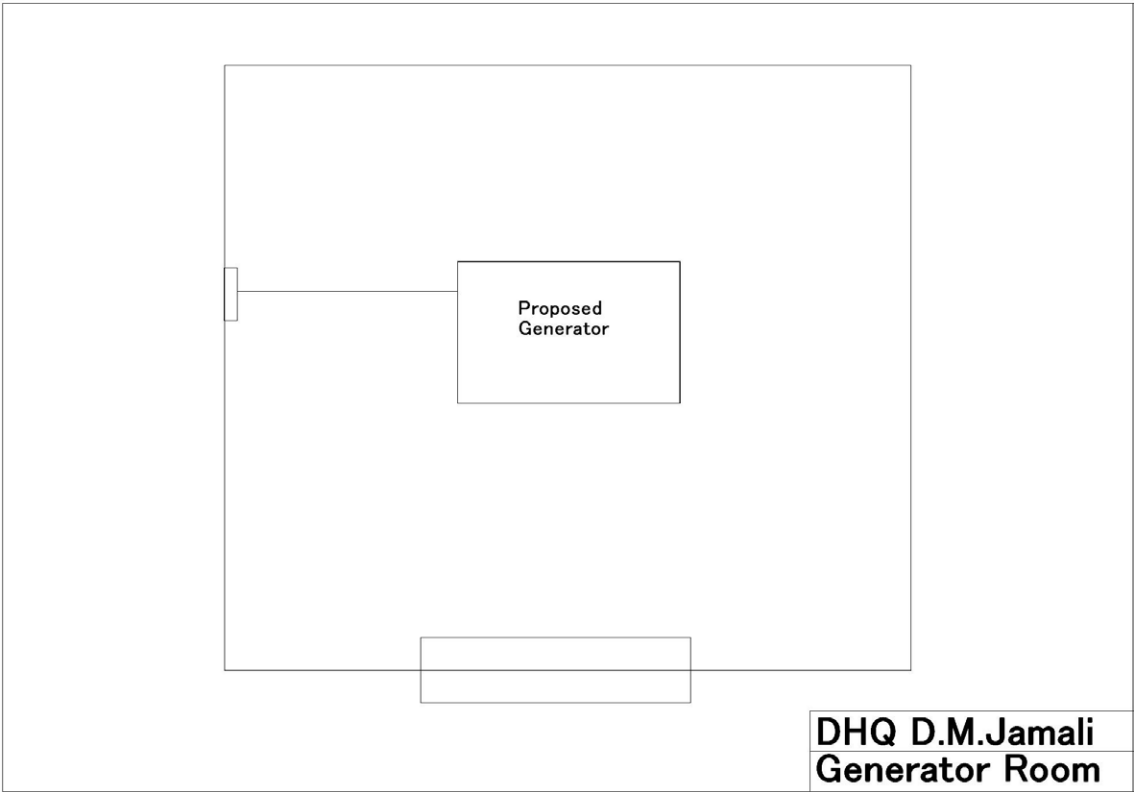


Figure 2-14 Generator Room



2-2-3-4 DHQ Hospital, D.A.Yar, Jaffarabad District

Figure 2-15 Layout map

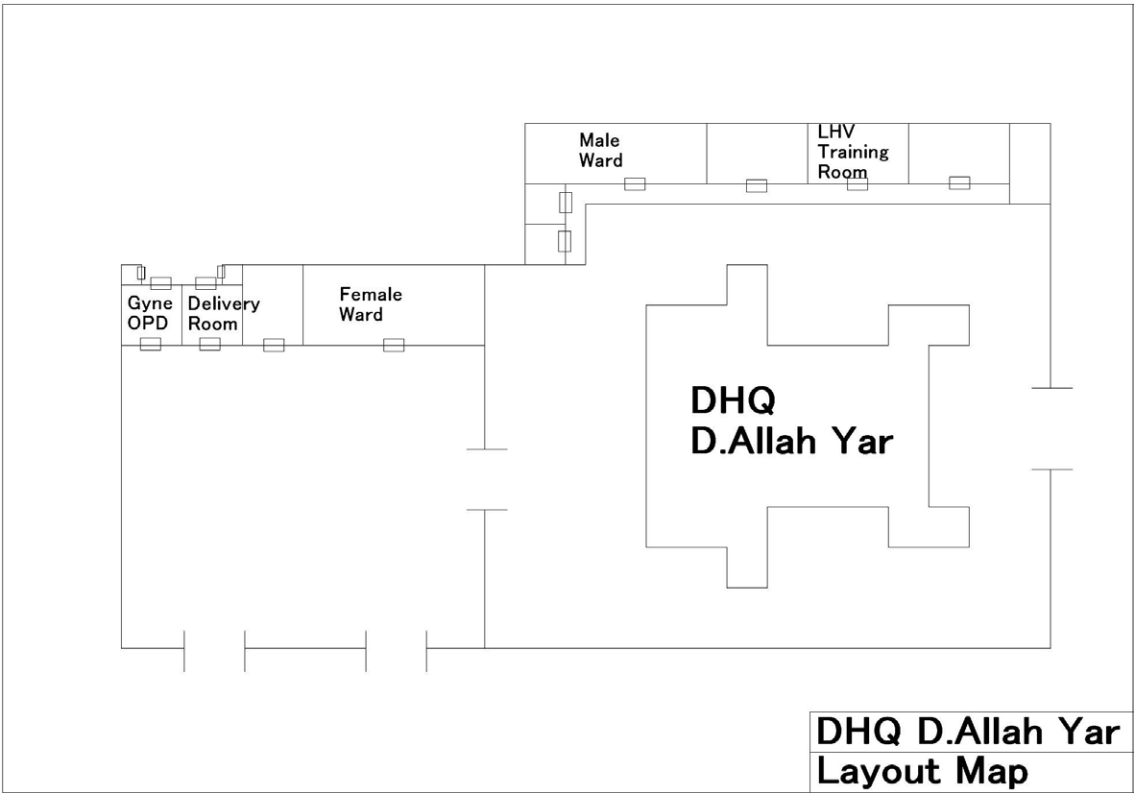


Figure 2-16 Floor map

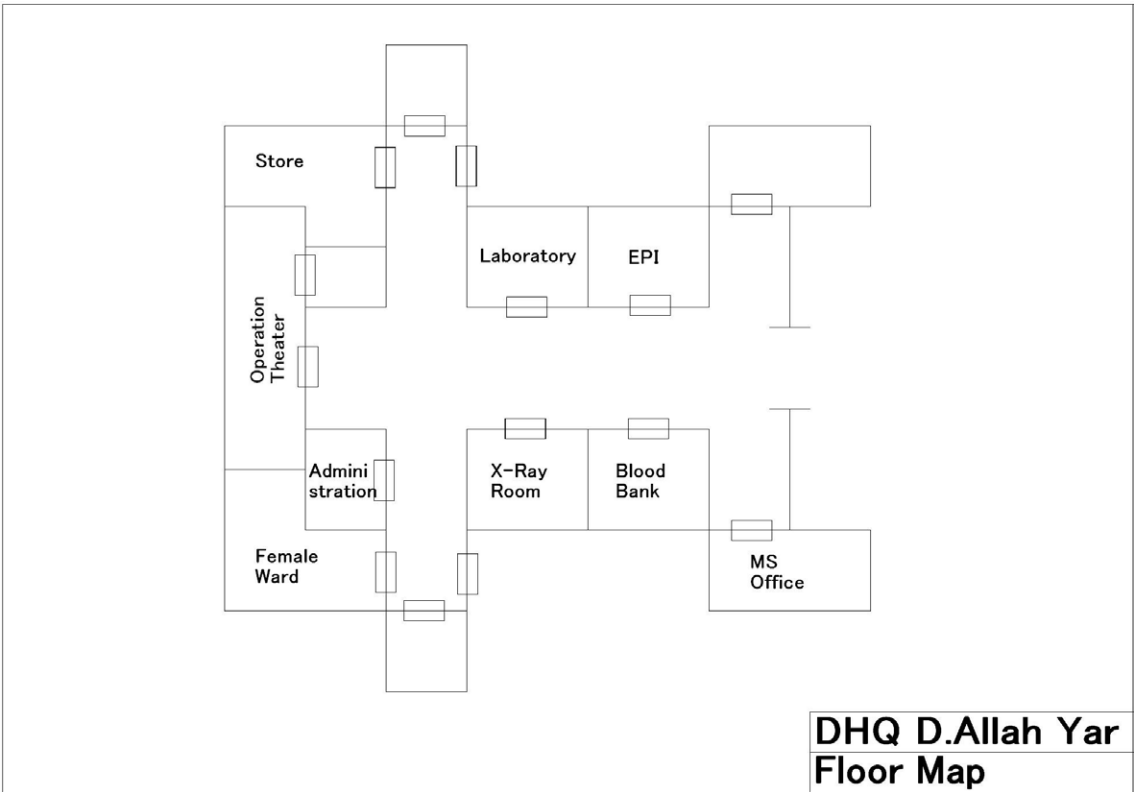


Figure 2-17 Dental room

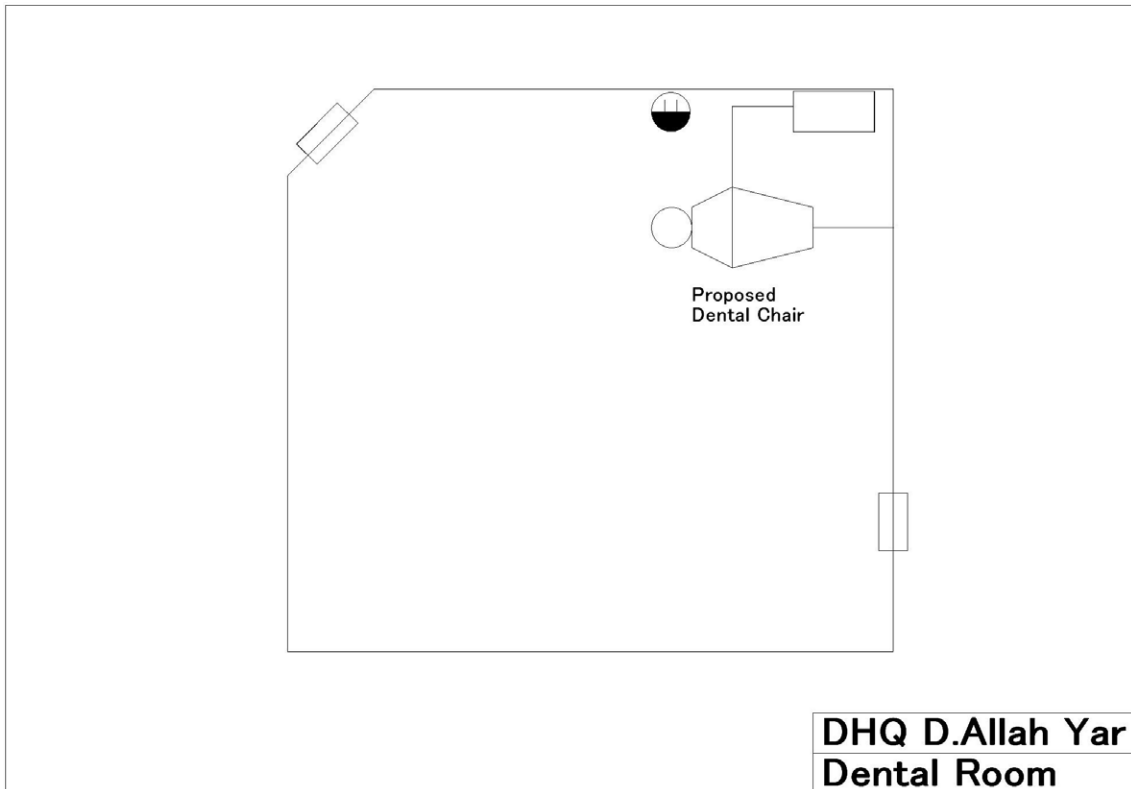
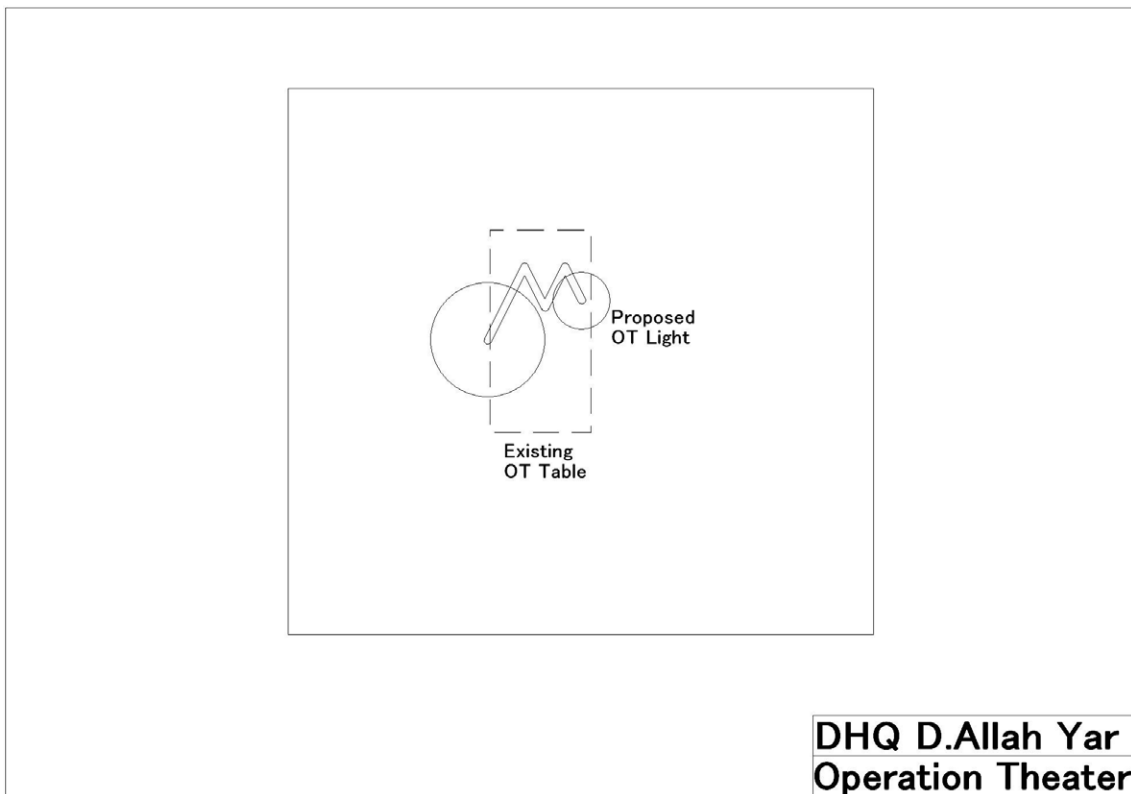


Figure 2-18 Operation theater



2-2-3-5 DHQ Hospital, Kalat, Kalat District

Figure 2-19 Layout map

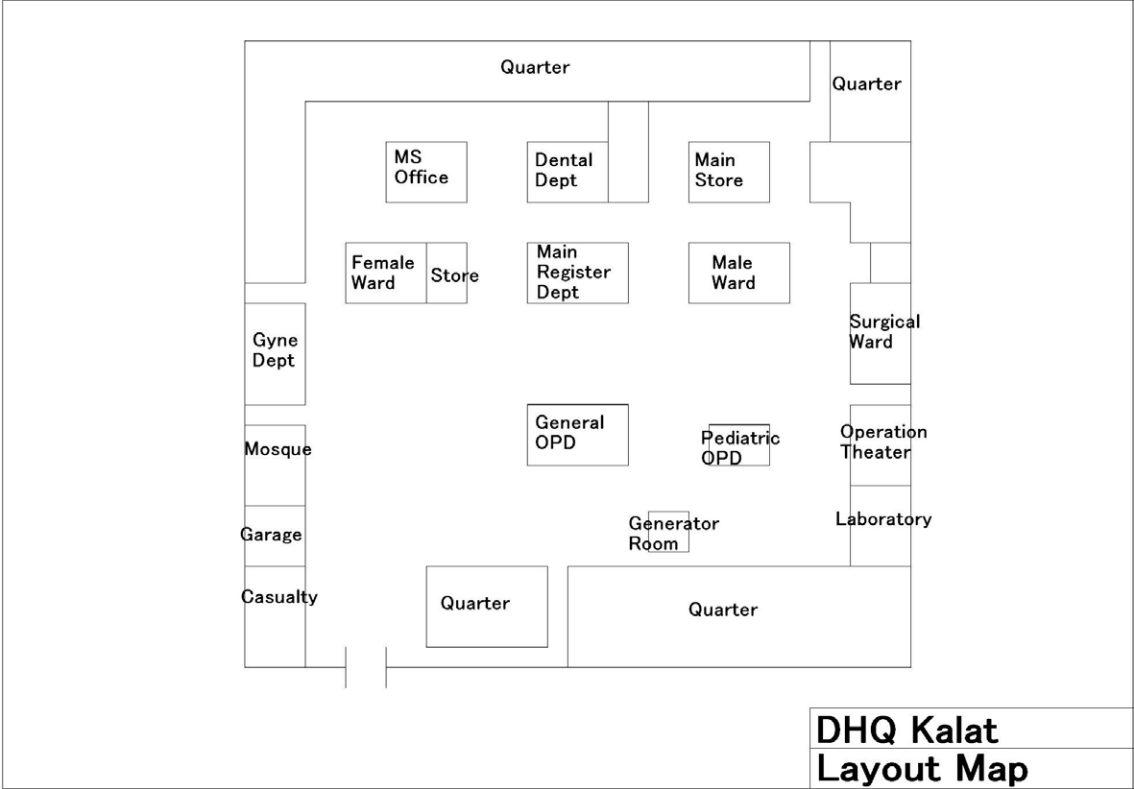
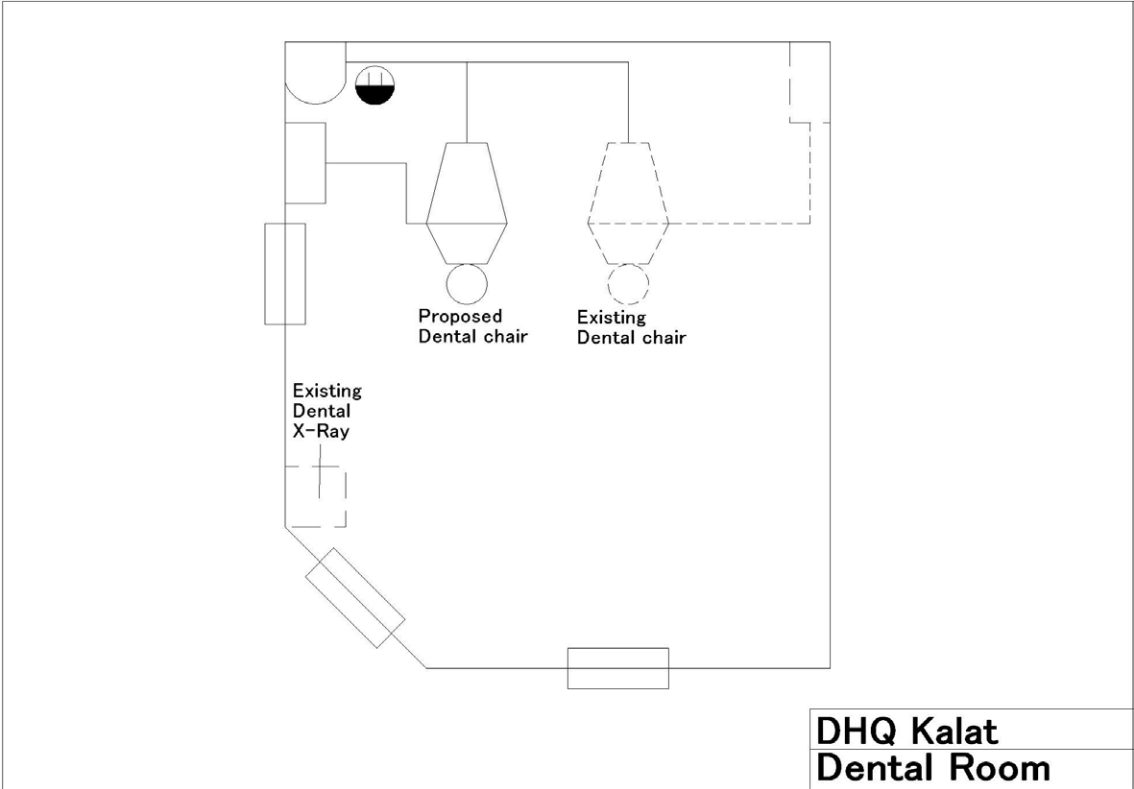


Figure 2-20 Dental room



2-2-3-6 DHQ Hospital, Khuzdar, Khuzdar District

Figure 2-21 Layout map

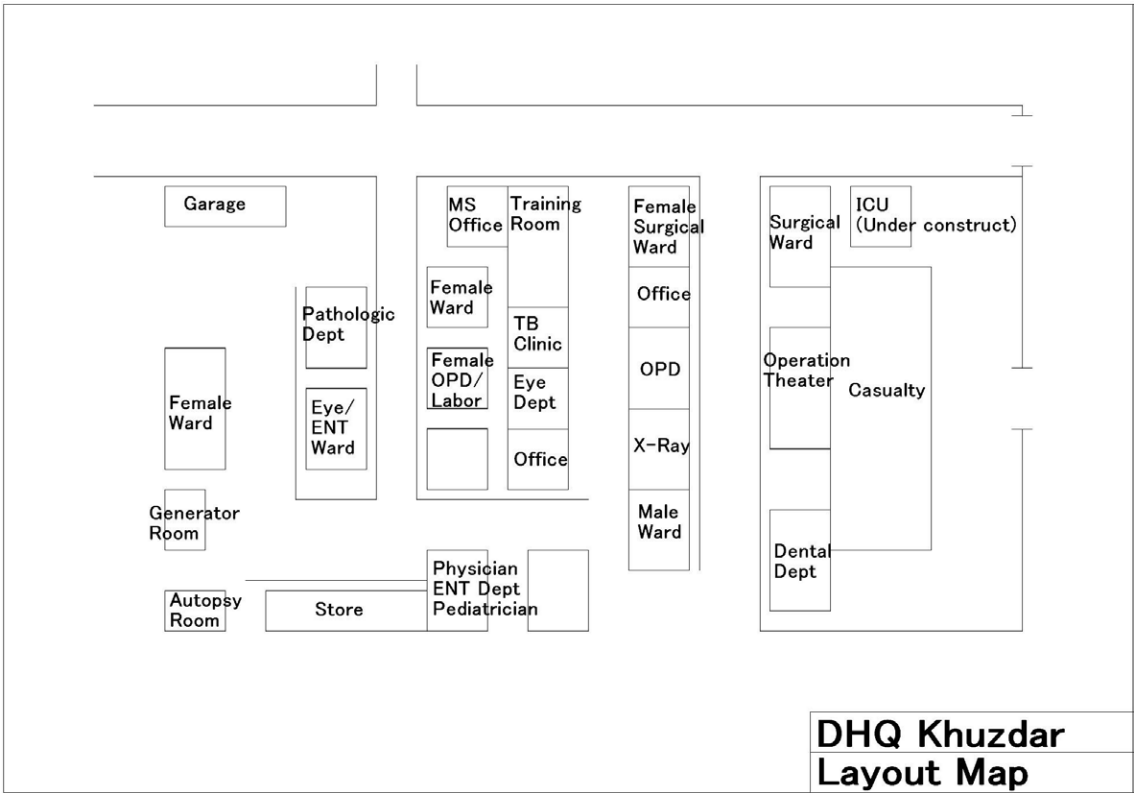
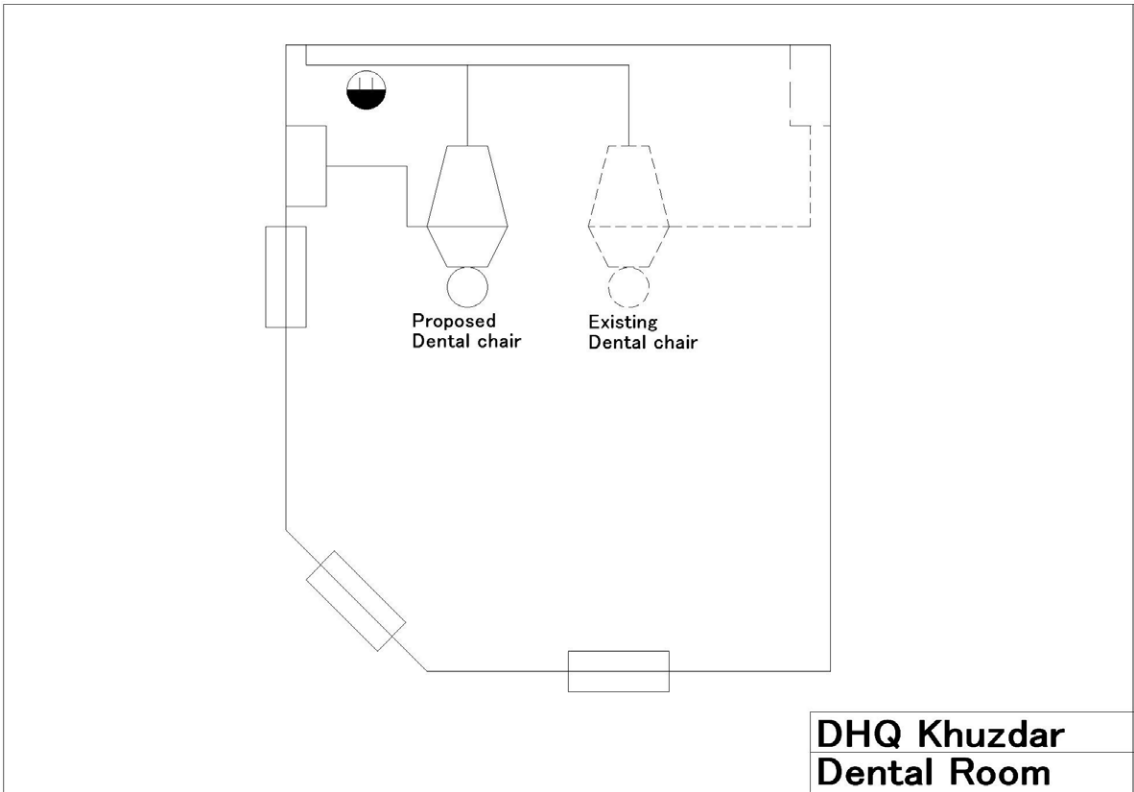


Figure 2-22 Dental room



2-2-3-7 DHQ Hospital, Uthar, Lasbela District

Figure 2-23 Layout map

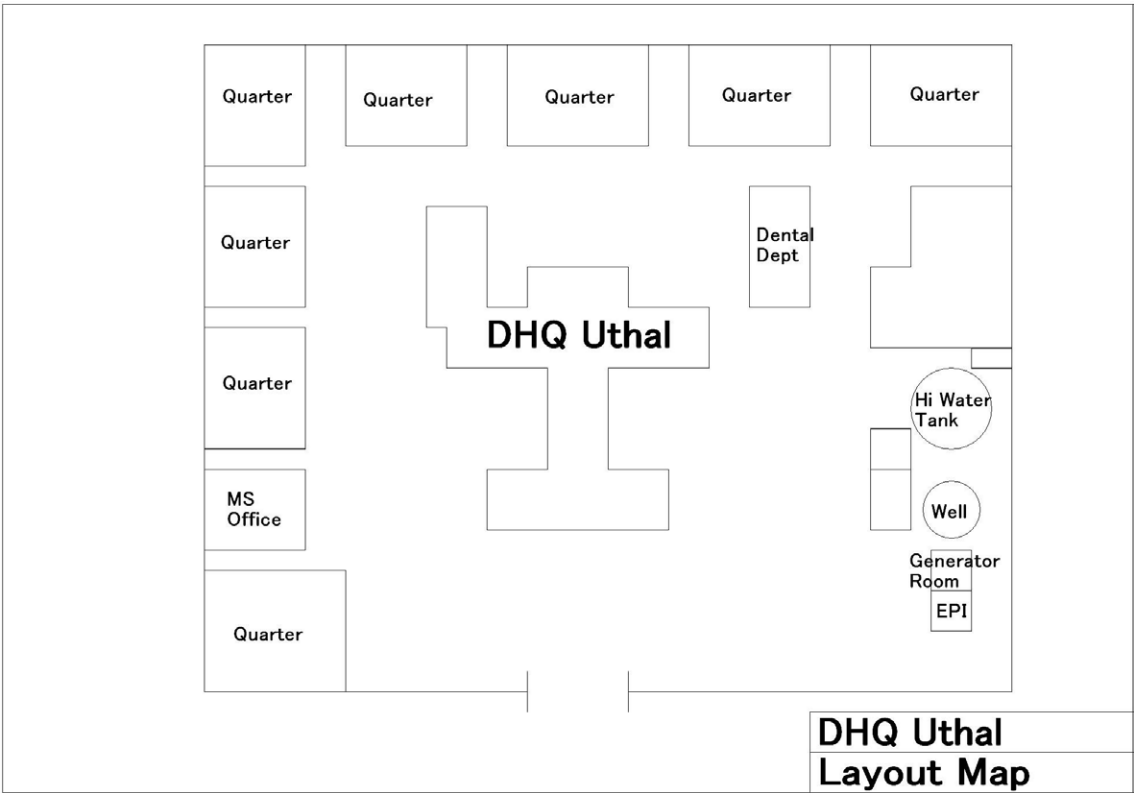
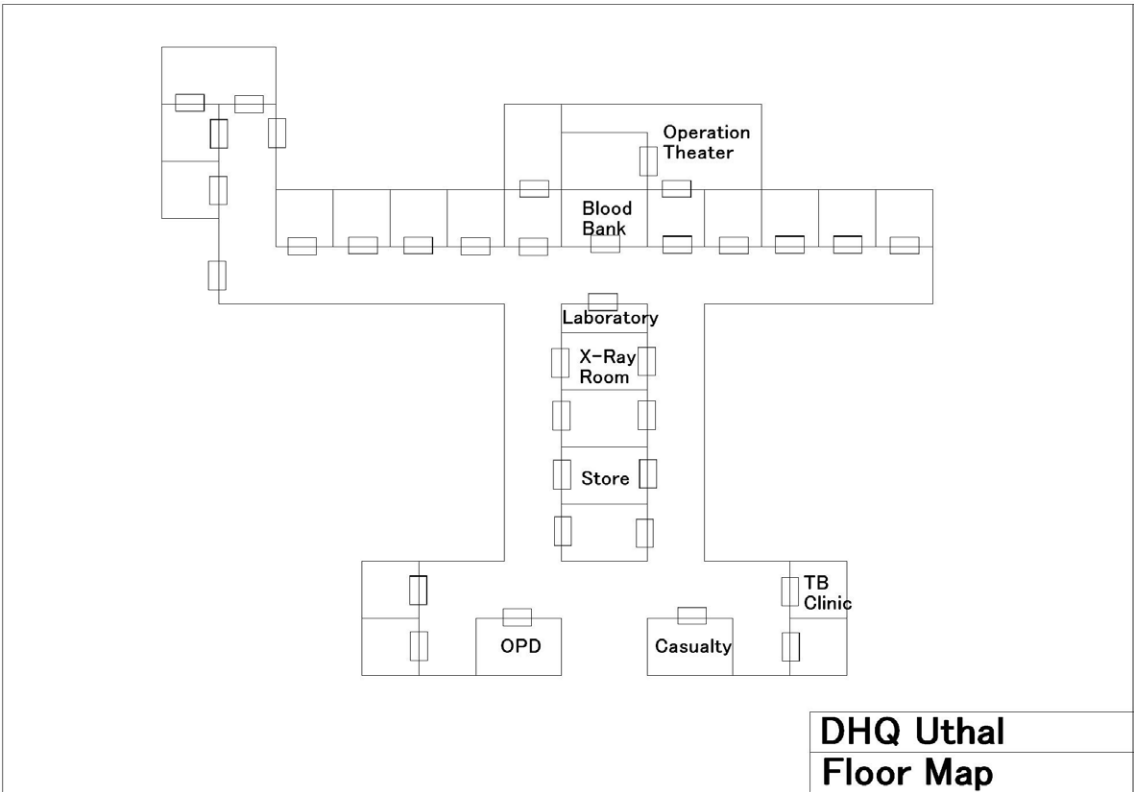
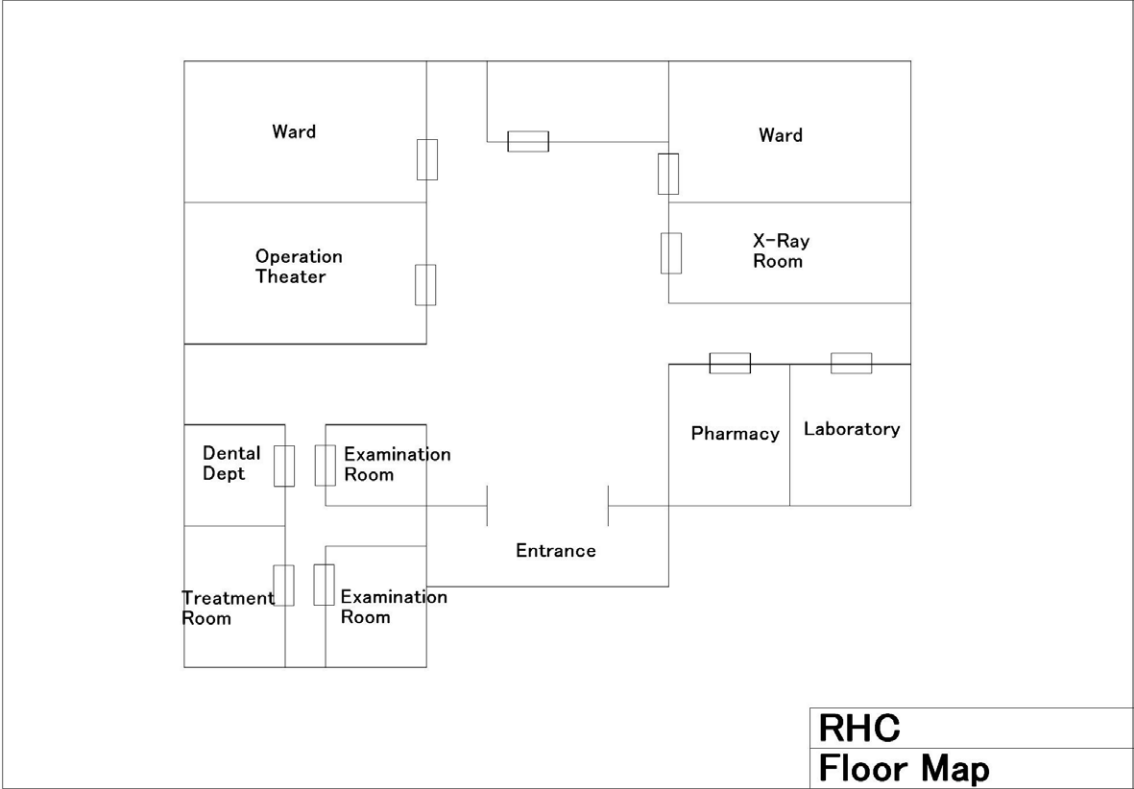


Figure 2-24 Floor map



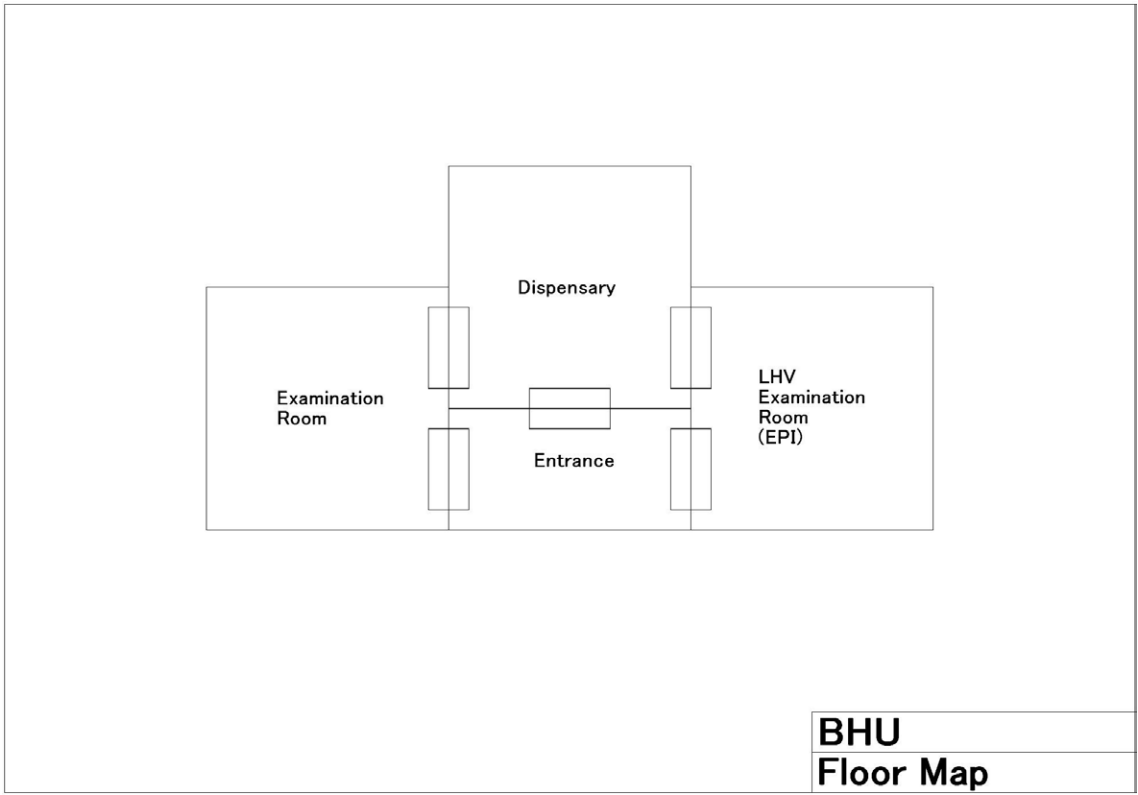
2-2-3-8 RHC

Figure 2-25 RHC Floor map



2-2-3-9 BHU

Figure 2-26 BHU Floor map



2-2-3-10 RHC, Lehri, Sibi District

Figure 2-27 Dental room

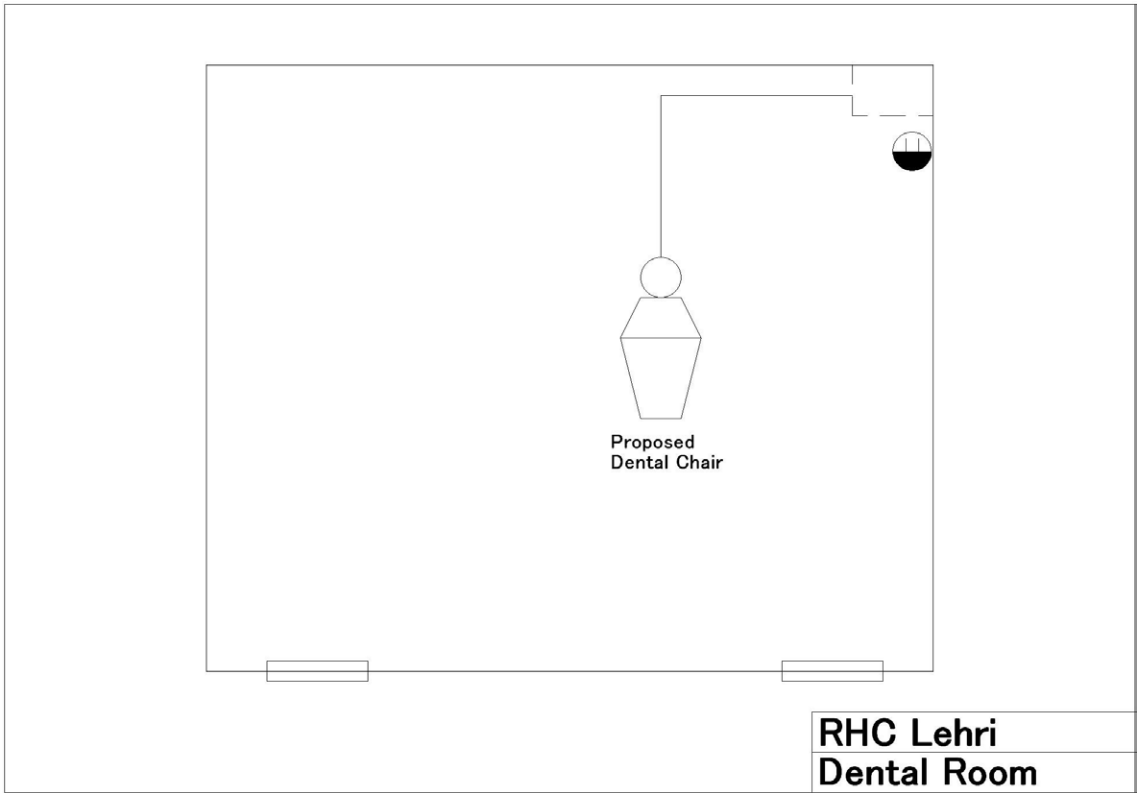
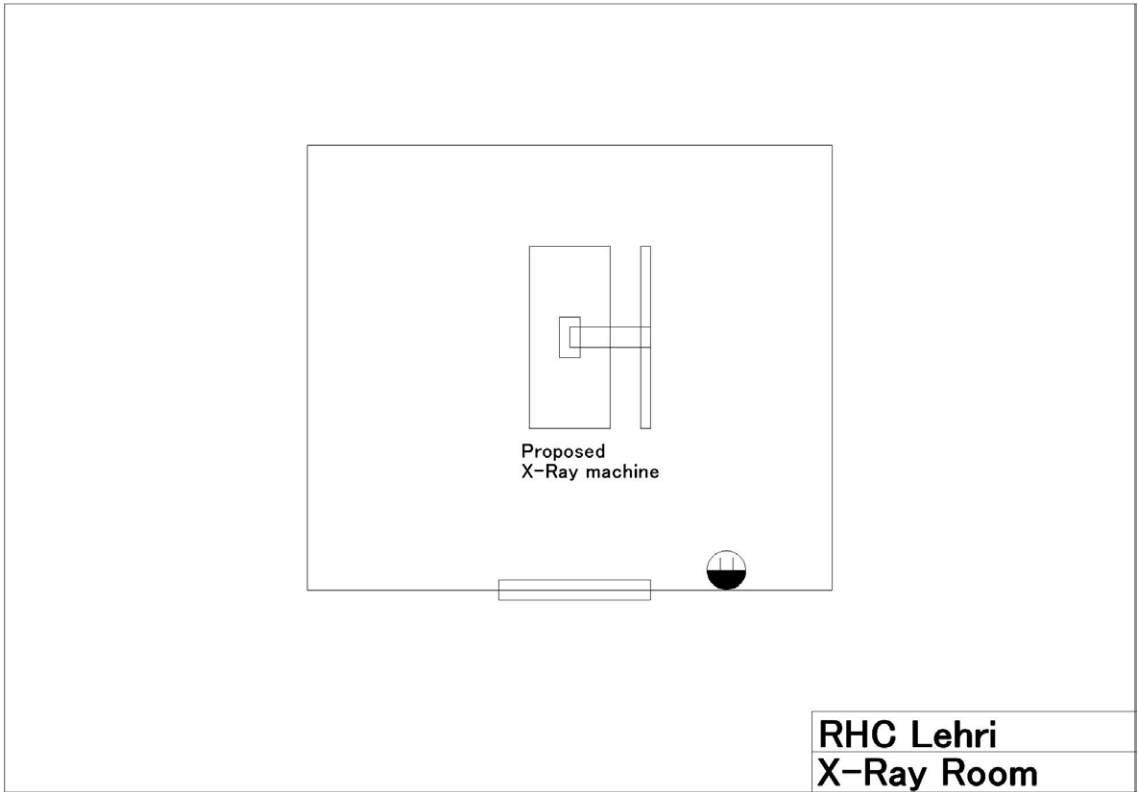
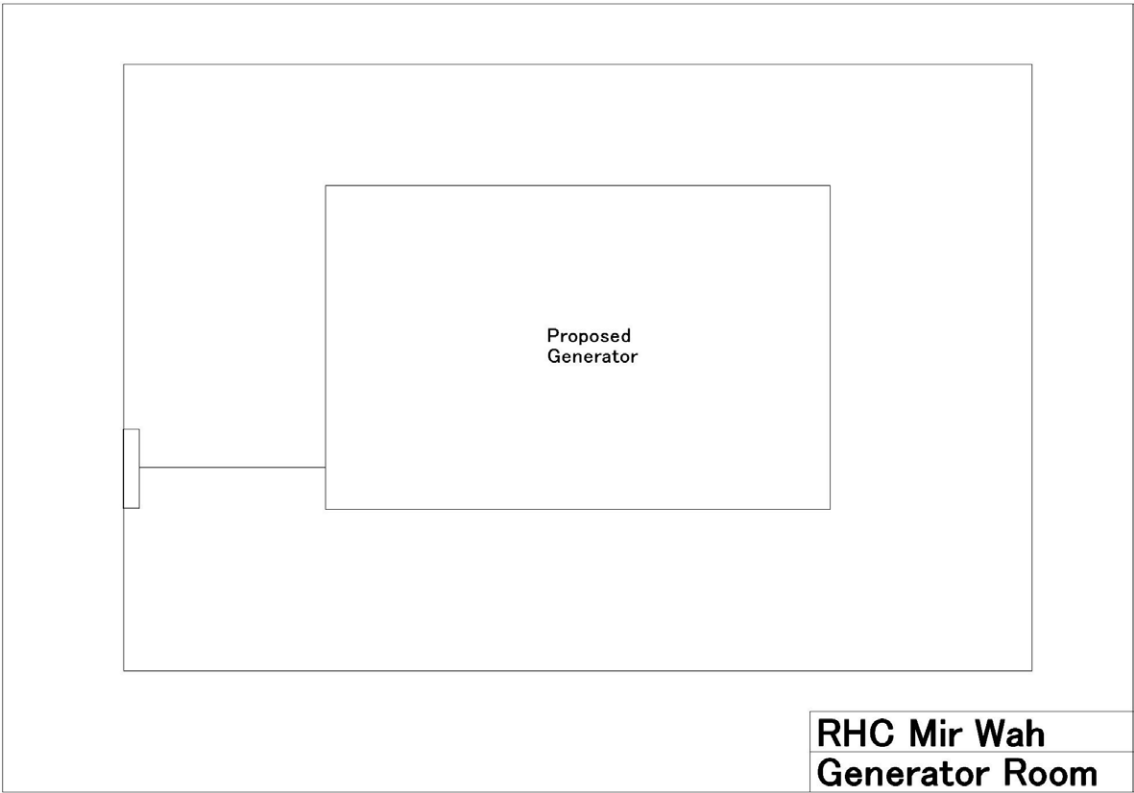


Figure 2-28 X-Ray room



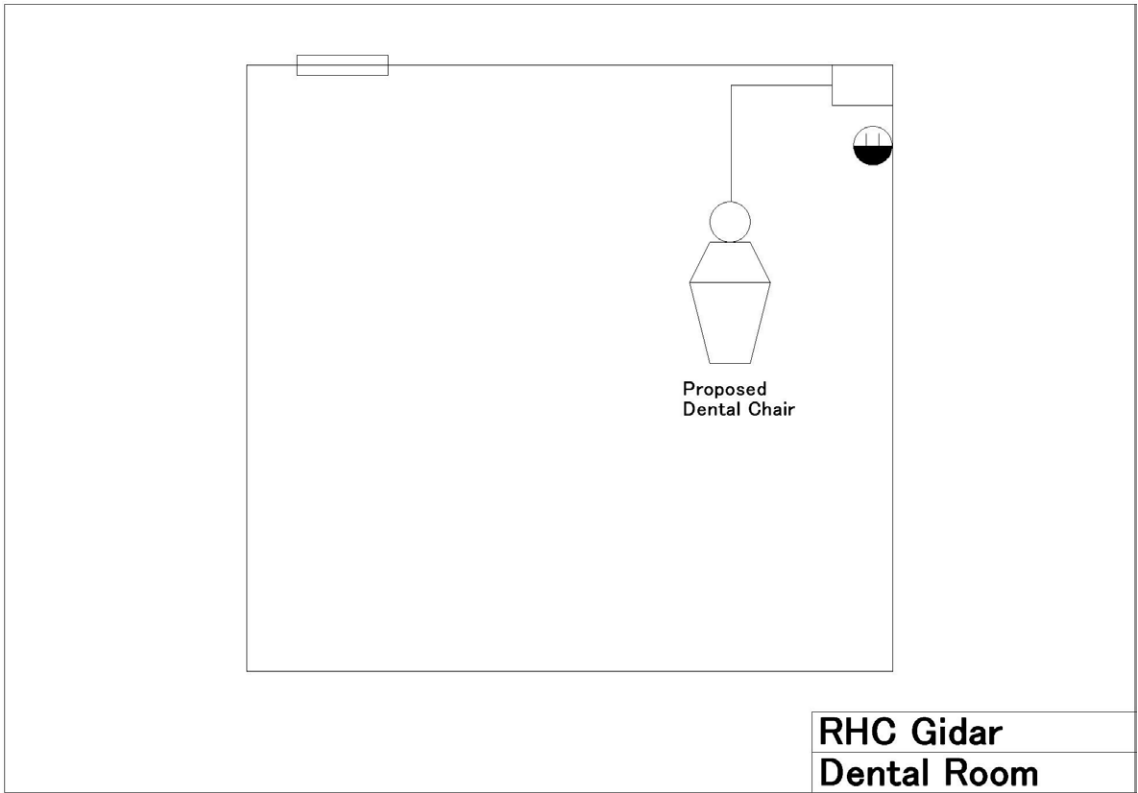
2-2-3-11 RHC, Mirwah, Nassirabad District

Figure 2-29 Generator room



2-2-3-12 RHC, Gidar, Kalat District

Figure 2-30 Dental room

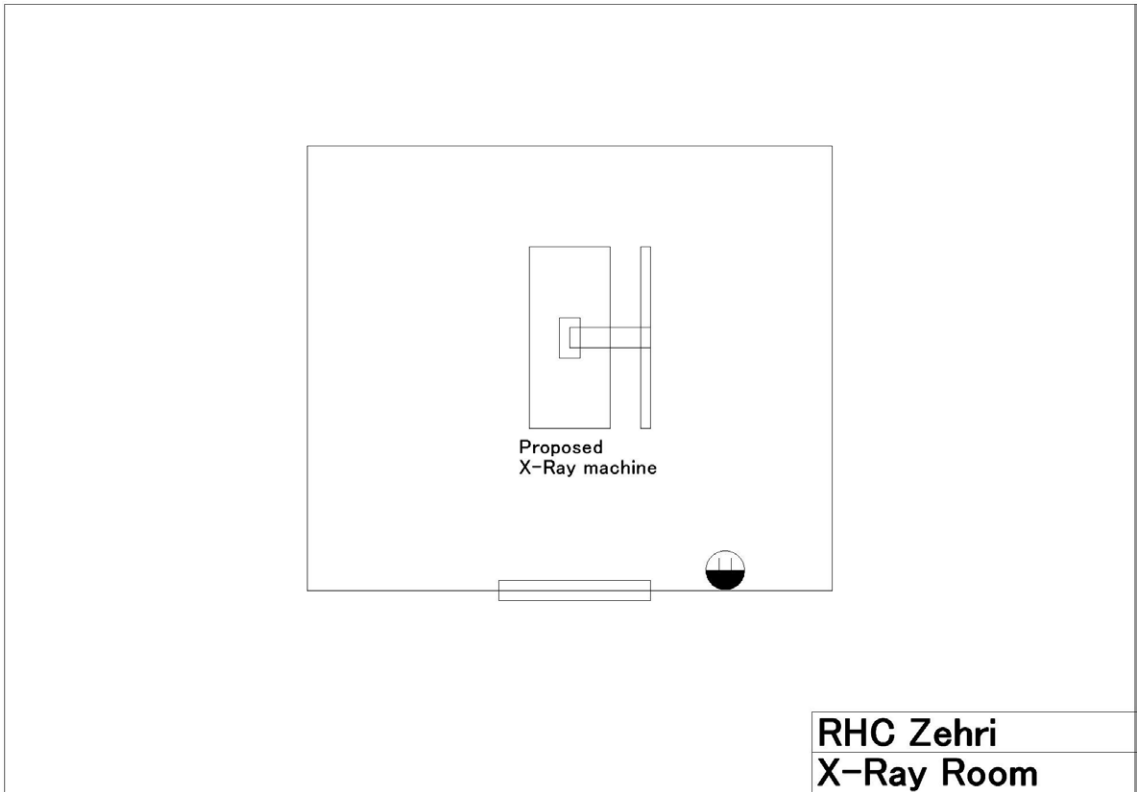


2-2-3-13 RHC, Zehri, Khuzdar District

Figure 2-31 Generator room

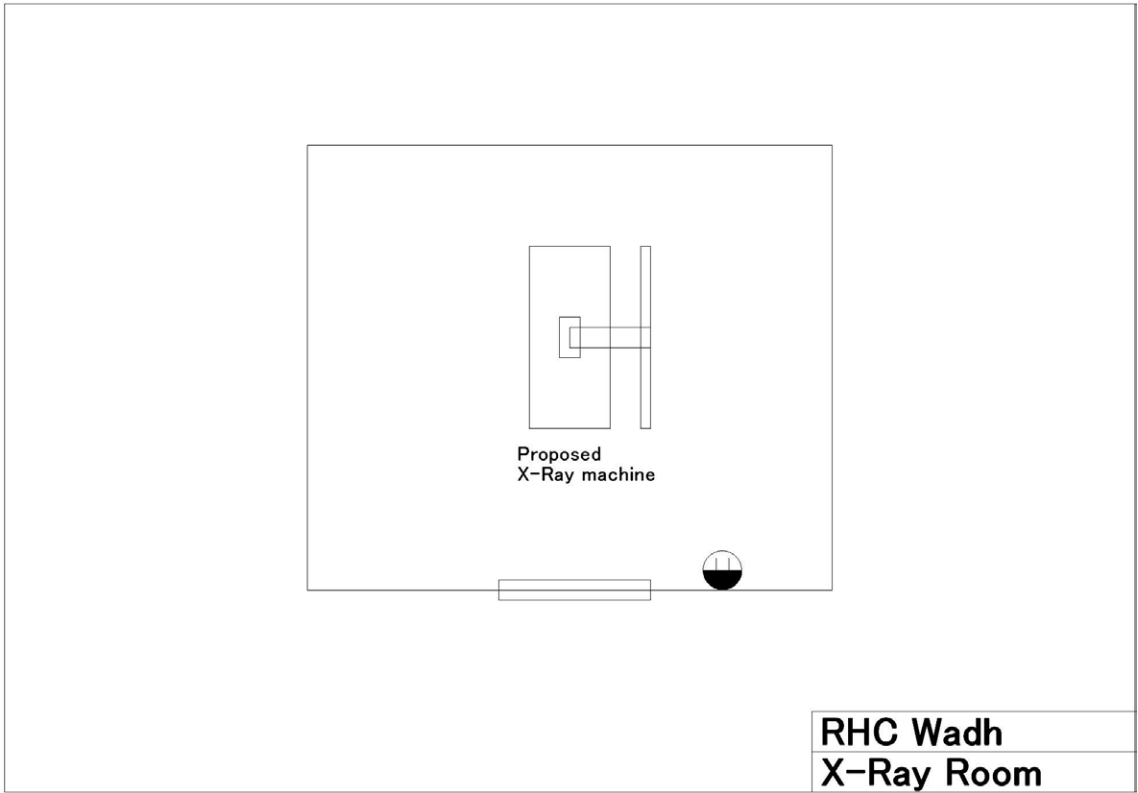


Figure 2-32 X-Ray room



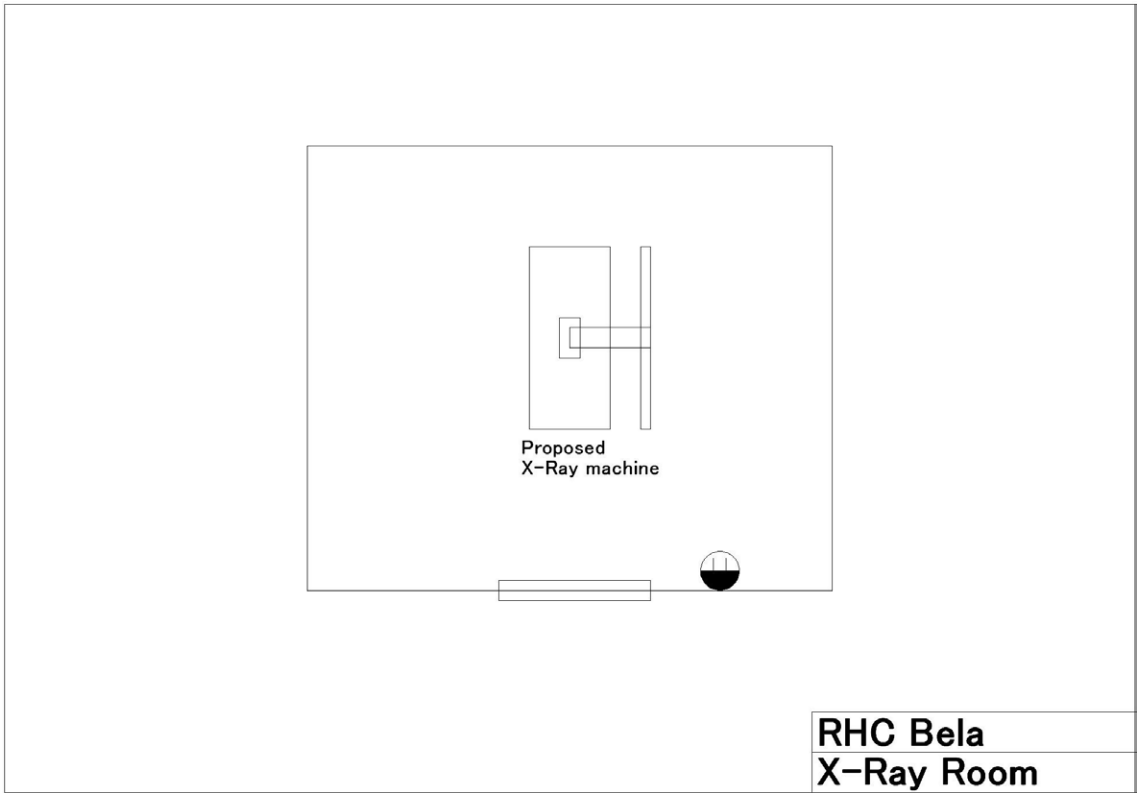
2-2-3-14 RHC, Wadh, Khuzdar District

Figure 2-33 X-Ray room



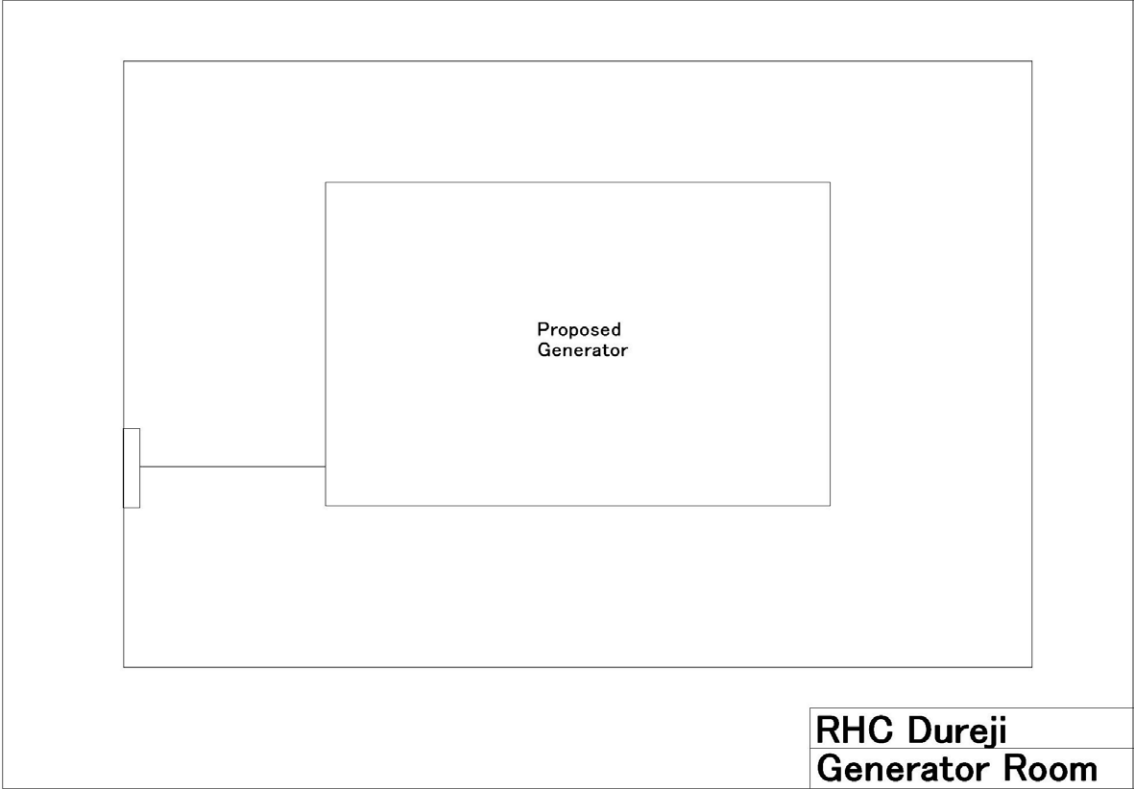
2-2-3-15 RHC, Bela, Lasbela District

Figure 2-34 X-Ray room



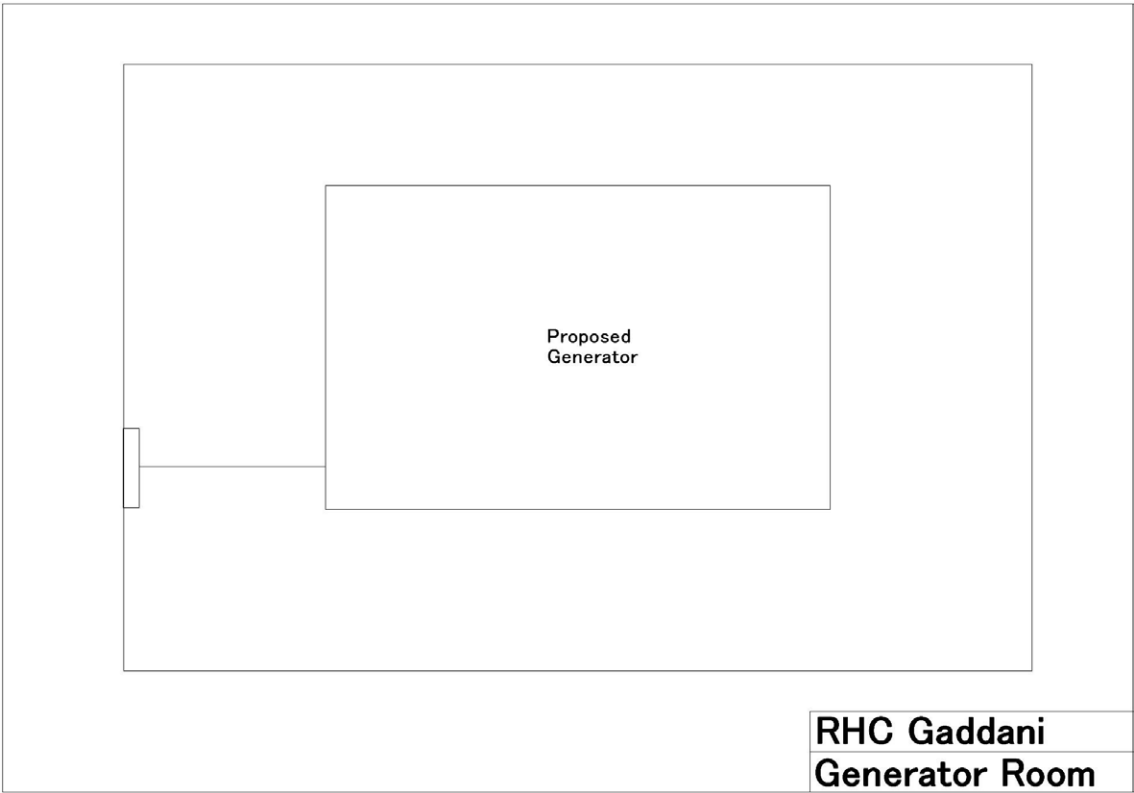
2-2-3-16 RHC, Durej, Lasbela District

Figure 2-35 Generator room



2-2-3-17 RHC, Gaddani, Lasbela District

Figure 2-36 Generator room



2-2-4 Implementation Plan

2-2-4-1 Implementation Policy

1) Selection of Supplier and Type of Contract

The supplier responsible for equipment procurement must be an enterprise or individual person with Japanese nationality and will be selected through an evaluation of bids in an open competitive tender.

The contract is a lump-sum sales contract specifically indicating the types and models of equipment. The supplier's responsibilities under the contract include supply, production, provision of guidance for transportation/installation/adjustment/trial operation, and technical guidance for operation/maintenance/control.

2) Procurement of the Equipment

Equipment procurement is limited primarily to Japan and Pakistan. However, procurement of some items of equipment from other countries should be considered if more appropriate. For example, local agents are unable to repair and perform maintenance of some Japanese items. When necessary, procurement should be extended to the third-country products in the interest of sustainability of the project.

Selection of products will be subject to the following conditions:

- (i) As it must be easy to receive regular maintenance services and obtain necessary consumables, the equipment should be obtained from an agent within Pakistan, if possible.
- (ii) It must be possible to procure, deliver, and install the equipment within the validity of the E/N.

Equipment that requires regular maintenance is indicated below:

Table 2-7 Main equipment that needs maintenance service

No.	Department	Name of Equipment
1	Radiology	X-Ray Machine
2	Operation Theatre	Anesthetic Ventilator
3	Dental Clinic	Dental Chair
4	Emergency Out-patient	Ambulance

3) Means of Transportation

(i) From Japan

The equipment will be shipped from Japan to the port of Karachi, the biggest and best-equipped harbor in Pakistan. From Karachi it will be transported by trucks or railway to each DHQ and RHC. BHU equipment will be first delivered to DHQs, and then handled by district governments.

(ii) From the Third Country

The equipment will be transported by trucks or railways from the third country to Karachi, then to DHQs and RHCs in each district.

(iii) From Pakistan

The equipment will be transported over land from the factory to each institution.

2-2-4-2 Implementation Conditions

This project is implemented within the framework of Grant Aid Assistance by the Japanese government. After both Japan and Pakistani governments approve this plan and conclude the E/N, this project will be carried out. Then the GOP will select a Japanese consulting firm and start the D/D work for the project. When the documents of D/D are completed, the tendered and selected Japanese firms will procure and install the equipment.

The following are basic relevant matters for the implementation of the plan.

1) Implementation System

The health department of Balochistan Province (hereafter called “the health department”) will implements this project and will conclude the contract with a Japanese consultant. The Executive District Office for Health will be responsible for all procurement, installation, and supervision of the equipment. Furthermore, the office will be fully responsible for securing the necessary budget for operation and maintenance of procured equipment.

2) Consultant

As soon as the E/N on the project is concluded between the two related governments, GOJ and GOP, the Japanese consultant will form a contract with the health department in accordance with Japan’s Grant Aid scheme. On the basis of that contract, which needs verification from the Japanese government, the consultant will carry out the following tasks:

- (i) In D/D stage: preparation of specifications in D/D and other technical documents.
- (ii) In the tender stage: selection of the supplier and operational cooperation regarding the supply contract.
- (iii) In the procurement stage: procurement of the equipment and supervision of its installation and training for its operation and maintenance.

3) Supplier

The selected supplier will make a contract with the Pakistani side; that contract will become effective upon verification by GOJ. On the basis of that contract the supplier will procure and deliver the necessary equipment, and then provide it to the Pakistani side with operation/daily maintenance training. Furthermore, this supplier may provide after-service such as supplying spare/consumable parts and providing technical training.

4) Japan International Cooperation Agency (JICA)

JICA’s Grant Aid Management Department will instruct the consultant and supplier so as to ensure that the project is appropriately implemented in accordance with Japan’s Grant Aid Scheme.

Moreover, if necessary, this department will hold discussions with the Pakistani side and promote the implementation of this project.

5) Implementation Plan

During the D/D stage, discussions on the basis of the implementation schedule will be held between the consultant and representatives of the Pakistani side to confirm the project schedule and each work item, so as to facilitate smooth implementation. The Pakistani's responsibility, which is the removal of existing dental chairs and x-ray machine, must be completed before installation of new equipment.

6) Necessity of engineers' dispatch

Training on the operation and maintenance of procured equipment after installation contributes to appropriate diagnosis and improved medical treatment. It is therefore necessary that the manufacturers send technicians to supervise the installation and to provide instructions and training on operating techniques, repair, and routine inspection. Moreover, at the time of installation, if a specific skill is necessary, engineers should be dispatched from local agencies. Below is a list of items that require regular maintenance:

Table 2-8 Equipment that needs regular maintenance

No.	Target institution	Equipment Item	No. of Engineers
1	DHQ and RHC	Dental chair unit	1
2	DHQ	Anesthetic Ventilator	1
3	DHQ and RHC	Generator	3
4	DHQ and RHC	X-ray plant	1
5	DHQ and RHC	Ambulance	1
6	DHQ	Defibrillators	1
7	DHQ	ENT Treatment Unit	1
8	BHU	EPI refrigerator	1

2-2-4-3 Scope of Works

1) Japan's responsibility

The Japanese side is responsible for the following consulting services and equipment procurement:

(i) Consulting Services

- a. Preparation of detailed design drawings/documents of the equipment for this project, and instruction for the tender
- b. Operational assistance concerning suppliers' selection and contracts
- c. Technical assistance on equipment maintenance
- d. Supervision of the equipment procurement process.

(ii) Procurement and Installation of the Equipment

- a. Procurement/transportation/installation of the equipment for the project
- b. Guidance for installation/trial operation/adjustment of equipment.
- c. Provision of brief explanations and guidance concerning operation and maintenance.

2) Pakistani responsibility

GOP is responsible for work not included in the Japanese side's responsibilities, including the following:

a. Preparation for equipment installation

The Pakistani side will prepare facilities for the new equipment's installation by the time of installation. They must install cover boards on the X-ray room doors for radiological defense at DHQs and RHCs, the budget for the construction, and complete the construction by the time of installation.

b. Removal of the existing equipment

The Pakistani side must remove the existing X-ray machine by the time of installation.

c. Transportation of the equipment

The Japan side will transport the equipment for BHUs to the district capital. Then the Pakistani side will deliver it to the targeted BHUs. However, the delivery of refrigerators to BHUs will be Japan's responsibility.

d. Training of doctors

The Pakistani side will provide clinical training on anesthesia techniques at Bolan Medical University Hospital for general doctors in Kalat.

e. Customs procedure

The Pakistani side will carry out customs procedures at Karachi, the expected port of discharge, and the expenses will be charged to them.

f. Measures for tax exemption

The equipment for the project will be exempt from customs duties by Pakistani side. The related tax for equipment will be an import tax. GOP and GOB will deal with the procedure of tax exemption.

2-2-4-4 Consultant Supervision

On the basis Japan's Grant Aid scheme policies, the consultant will organize a project team for the implementation design plan. Then the consultant will closely communicate with each country's liaison officers in order to improve the supply of medical equipment without delay. They will dispatch engineers for on-site supervision to ensure smooth implementation of equipment installation.

[Supervision policies of Implementation/Procurement]

1) Schedule management

The consultants will examine monthly reports and the implementation plan submitted by suppliers, and confirm the progress of the project.

2) Inspection of the equipment before shipping

Following specific inspection regulations, the consultants will examine the equipment at factories or port-warehouse of manufacturers prior to shipment of the items.

3) Guidance of installation

To ensure smooth installation, the consultants will provide appropriate guidance and advice from a fair point of view.

4) Maintenance advice

The consultants will provide appropriate advice to local agents and manufacturers concerning maintenance of the equipment after its installation.

5) Confirmation of project completion

The consultants will confirm the completion of operation training, inspection, and adherence to the contract conditions. They will inspect the delivery of equipment at the time of installation, and complete duties after the Pakistani side approves its acceptance.

2-2-4-5 Procurement Plan

1) Procurement of medical equipments from Japan

There are local agents for almost all Japanese or European medical equipment manufacturers at Karachi and Lahore, and for major manufacturers in Islamabad and Quetta. The after-sales service system is well established, with technical staff located in each equipment category at main local agencies in Karachi and Lahore. Normally, highly skilled engineers have already finished their technical training curriculum by their manufacturers. Additionally, local agents always have in stock the spare parts that frequently need to be replaced; special spare parts must be ordered from manufacturers, and if necessary, it is possible to obtain them in one to three days by airmail service. As for automobile manufacturers, a Karachi-based sales network performs after-sales service.

2) Procurement from countries other than Japan

(i) Local procurement

Among the equipment to be procured through the project, Pakistani manufacturers provide basic instruments/equipment such as stainless steel forceps and medical furniture. All manufacturers have quality control and obtain ISO certificate, and they have already set up sales networks covering mainly the Middle East and North Africa. Pakistani-made products will be considered for this project's procurement as long as proper maintenance service is available and product quality is ensured.

(ii) Procurement from third countries

Relatively complicated equipment such as ambulances, x-ray machines, and anesthetic ventilators require periodical maintenance service. Regarding simple maintenance control, it is desirable to procure equipment from manufacturers that have local agents and can provide spare

parts and repair service in Pakistan. With this requirement, the procurement of some items will be limited to very few Japanese manufacturers. For such items, the procurement range should extend to the third countries. The equipment manufacturers originating from third countries have appointed local agents in major cities of Pakistan and provide maintenance services. The condition of third country products procurement is “CIF on site,” with delivery of the products from the warehouses of local agents in Karachi to each installation site.

Table 2-9 List of country origins for procurement of equipment

Equipment Name	Procurement Country Origins		
	Pakistan	Japan	Third Countries

① For DHQ

1	ENT diagnostic set		○	
2	Dental chair and accessories		○	
3	Diathermy (for general surgery)		○	
4	Diathermy (for ophthalmology operation)		○	
5	Generator (30KVA)		○	
6	Generator (20KVA)		○	
7	OT light		○	
8	OT table		○	
9	X-ray machine and accessories	○		
10	Ambulance		○	
11	Patient monitor		○	
12	Other equipment	○	○	

② For RHC

13	Dental Chair and accessories (with Dental X-ray unit)		○	
14	Dental Chair and accessories		○	
15	Generator and buttery system (20KVA)		○	
16	X-ray machine and accessories	○		
17	Ambulance		○	
18	Other equipment	○	○	

③ For BHU

19	Treatment set	○		
20	Obstetrical treatment set		○	

21	EPI equipment			○
22	Other equipment	○	○	

2-2-4-6 Implementation Schedule

1) Schedule for the implementation of this project

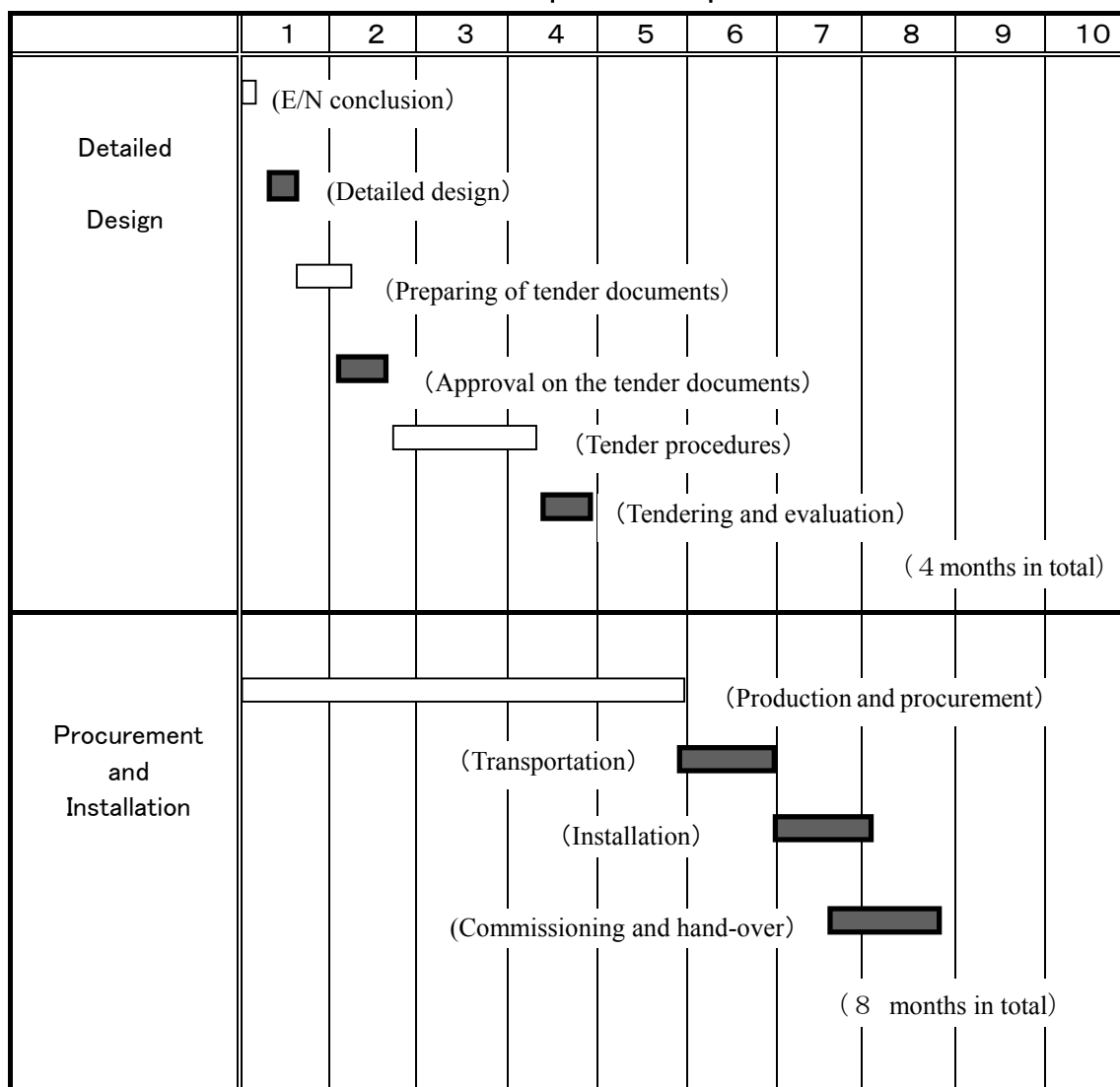
After the conclusion of E/N, it will take approximately 12 months for the Japan side to accomplish all work, including the conclusion of a supply contract. The approximate times needed for the different work items are as follows:

i) From conclusion of the E/N to a tender procedure:	3.0 months
ii) Verification of the contract with the supplier and placing the orders:	1.0 month
iii) Production and procurement of the equipment:	5.0 months
iv) Transportation:	1.0 months
v) Installation, adjustment, trial operation and <u>guidance concerning operation and maintenance:</u>	<u>2.0 month</u>
TOTAL	12.0 months

2) The implementation process

The implementation process table is shown as Table 2-10.

Table 2-10 Implementation process



2-3 Obligations of Recipient Country

1. To disclose and provide the necessary information and documents for the project.
2. To pay the commission concerning the “Banking Arrangement” (B/A) and the “Authorization to Pay” (A/P) to a Japanese bank.
3. To practice unloading/ tax exemption measures/ customs clearance/ domestic transportation for equipment purchased through Japan’s aid assistance.
4. To exempt all taxes and levies in Pakistan for Japanese or other countries staff/staff members who are involved in the project to procure equipment and provide services on the basis of approved contracts, including domestic taxes.
5. To support Japanese and third countries’ staff about entry and the necessity convenience for staying in Pakistan in order to accomplish their work (procurement and services of equipment) on the basis of approved contracts.
6. On the basis of Pakistan law, to issue/ approve the necessity authorizations, qualifications, and other permits needed for the implementation of the project.
7. To prepare the budget as well as designating persons as for the effective use and maintenance of the provided equipment.
8. To use and maintain purchased equipment properly/ effectively.
9. To accept responsibility for all necessary expenses (not including Japan’s aid expenses) for the implementation of the project.

2-4 Project Operation Plan

2-4-1 Operation Plan

1) Operation system/ organization

Since 2001, the responsibility of managing each medical institution has transferred from the health department of Balochistan Province to the district that is organizing this project under the supervision of the EDO (Executive District Officer, Health).

Targeted institutions are those that provide primary or secondary basic health care services to local residents in each district. The objective of this project is to improve basic health care in eight districts in Balochistan, and these institutions will maintain the existing organization.

2) Manpower arrangement

The following Table 2-11 shows the number of doctors and paramedical staffs at DHQ Hospitals as of October 2003. Those numbers at RHCs and BHUs are shown in the Appendices. In this project, the present staffs will possibly operate the targeted equipment, although anesthetists are always limited at DHQs. At DHQs in Dhadar, Kalat, and Uthal where the operation department is expected to open through the project, there are plans to hold clinical lectures for general doctors for six months at Bolan Medical University Hospital in order to train anesthetists (See Appendix 5: Other relevant data). However, the present manpower is not sufficient to satisfy the demand for medical service at the targeted institutions. Thus, it is necessary to fill the present vacancies at each institution. Training for doctors and paramedical staff is also necessary to ensure the proper use of provided equipment.

Table 2-11 Present manpower at DHQ hospitals

Hospitals

(a) Dadhar at Bolan district

(b) Sibi at Sibi district

(c) Kalat at Kalat district

(d) Dera Allah Yar at Jaffalabad

(e) D.M. Jamali at Nassirabad

(f) Khuzdar at Khuzdar

(g) Uthar at Lasbela

1.Doctors

DHQ	(a)	(b)	(c)	(d)	(e)	(f)	(g)
Doctors							
Medical Superintendent	1	1	1	1	1	1	1
Physician	0	1	0	0	1	1	0
Surgeon	1	1	0	0	1	1	0
Obstetrician/Gynecologist	0	1	0	0	0	0	0
Pediatrician	1	0	1	0	1	1	0
ENT	0	1	0	0	0	1	1
Chest	0	0	0	0	0	0	0
Ophthalmologist	0	0	0	0	0	1	0
Psychiatrist	0	0	0	0	0	0	0
Radiologist	0	0	0	0	0	0	0
Anesthetist	0	1	0	0	0	1	0
Pathologist	0	0	0	0	1	0	0
Medical Officer (Man)	2	10	5	5	10	10	5
Medical Officer (Lady)	0	1	1	2	1	1	1
Dental Surgeon	0	1	1	1	1	1	1
Police Surgeon	0	0	0	0	0	0	0
Total (Doctors)	5	18	9	9	17	19	9

2.Paramedical staff members

DHQ	(a)	(b)	(c)	(d)	(e)	(f)	(g)
Staff member							
Medical Technician	2	1	1	2	0	0	1
Dental Technician	1	1	1	0	1	1	1
Laboratory Technician/Assistant	3	2	3	2	1	1	0
X-ray Technician/Assistant	2	3	3	2	3	1	3
O/T Technician/Assistant	1	1	1	1	4	2	0
Nurse	5	15	0	4	7	14	3
Nursing Orderly	0	0	6	0	0	10	6
Ward Assistant	6	13	0	6	11	13	1
Pharmacist	4	1	0	0	0	0	0
Chemist	0	10	6	5	0	0	4
LHV: Lady Health Visitor	2	1	1	2	0	0	0
TBA: Traditional Birth Attendant	0	4	3	0	0	0	4
Others	31	0	0	21	2	4	0
Total (Paramedical staffs)	57	52	25	45	29	46	23

(Source: data provided by targeted DHQ Hospitals)

2-4-2 Establishment of Maintenance System

1) Equipment control

Persons in charge of the equipment at each targeted facility perform daily maintenance work. Each district has one or two engineers specialized in the equipment maintenance, and some districts even allocate them in the equipment maintenance centers. Generally, each institution requests repair work to a local agency in the event of a breakdown. Almost all medical equipment's local agencies which can procure replacement parts and dispatch engineers who are trained by their corresponding manufacturers are located in Karachi or Lahore.

2) Maintenance system

Figure 2-1 shows the manpower chart of the Electro-Medical Workshop in Quetta city.

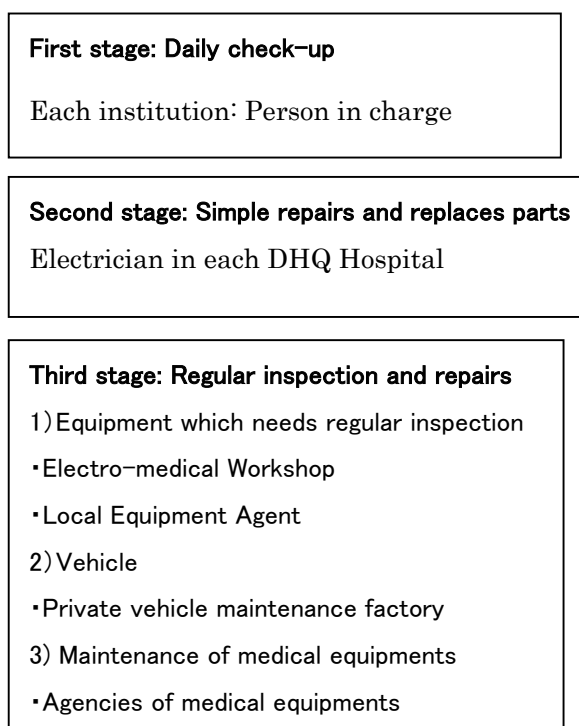
Figure 2-37 Electro-medical workshop in Balochistan

Electric Engineers:	2	
Electronic Engineers:	2	Technicians 2
Mechanical engineers:	2	Technicians 2

The workshop has a technician in District Sibi, and two technicians in District Khuzdar.

The Figure 2-2 presents the equipment maintenance system for the project.

Figure 2-38 Maintenance system



The equipment to be procured through the project can be grouped into medical equipment and vehicles. The following table illustrates equipment maintenance methods.

Table 2-12 The methods of maintenance

Equipment Group	Major Equipment	Method of Maintenance
Vehicle	Ambulance	Daily Check: each driver in charge Repair/ regular check: Private vehicle maintenance factory
Medical Equipment	1) X-ray machine 2) Operation monitor 3) Anesthesia machine with ventilator 4) Dental Chair	Daily check-up: A person in charge of each section Easy repair: Electro-medical workshop Routine inspection and Repair: Contract with the agency for equipment maintenance

2-4-3 Financial Plan

Predictably, this project's implementation of equipment operation and maintenance will increase the expenditures of each institution.

1) Payroll

This project is intended mostly to renew the existing dilapidated equipment. Thus, in principle, it does not require an increased payroll. However, the plan involves hiring an anesthetist, and an obstetrician and gynecologist at some facilities; at those sites, an increase in the payroll will be necessary. The following table indicates the projected increases in the payrolls of the districts that will experience an increase in staff.

Table 2-13 Manpower increase plan

Institutions District	DHQ Hospital	RHC	Total
	Gynecologists	Drivers	
Quetta	-	1	1
Bolan	-	1	1
Kalat	1	-	1
Jaffalabad	-	1	1
Nassirabad	-	1	1
Total	1	4	5

(Source: Health department of Balochistan)

2) Operation and Maintenance Cost

It is a plan of the Balochistan side that this increase in cost will be managed by the operation and maintenance expenses of PC-1. GOB has already planned 10 million rupees for these anticipated expenses, which are expected to be approved by GOP. For the implementation of the project, the health department of Balochistan Province will review the project concept form (PC-1) in reference to the estimated increase in maintenance cost, presented by the Japanese side, and will explain the operational plan to the district coordinator of each district.

2-5 Project Cost Estimation

2-5-1 Project Cost Estimation

The total amount of project cost is estimated to approximately Japanese Yen (JPY) 292 millions in case that this project is implemented through the Japanese grant aid. The breakdown of both side costs are also estimated to the following conditions, based upon aforesaid scope of works. This cost estimate is provisional and would be examined in the future by GOJ to approve this grant aid.

- 1) Cost borne by the Japanese side: JPY 289 millions

Table 2-14 Cost borne by the Japanese side

Works		Amount (JPY 1 million)	
Equipment cost	Quetta	22	260
	Sibi	46	
	Bolan	17	
	Nassirabad	33	
	Jaffalabad	29	
	Kalat	27	
	Khuzdar	52	
	Lasbela	34	
Operation design / Procurement management		29	
Total amount		289	

- 2) Cost borne by the Pakistani side: approximately JPY 3.19 millions

(Rupees(Rs) 1,637,500)

- i) Transportation fee of BHU equipment: approximately JPY 173,000 (Rs.88,500)

The Pakistani side bears the above amount for equipment transportation, which is from DHQ (or Executive Health Office) to BHUs.

[Conditions: Transportation fee: Rs. 500/ site × 177 sites = Rs.88,500]

- ii) Removal fee for existing X-ray machine: approximately JPY 70,200 (Rs. 36,000)

The Pakistani side bears the above amount for removal to replace existing X-ray machine.

[Conditions: Removal fee: Rs. 6,000/ unit × 6 units = Rs.36,000]

iii) Purchase fee for radiological defense (cover board)

: approximately JPY 2,850,000(Rs.1,463,000)

The Pakistani side bears the above amount to buy cover board for each institution.

[Conditions: Purchase fee for cover board: 77,000/plate \times 19 institutions
= Rs.1,463,000]

iv) Training fee for the anesthetize technique: approximately JPY 97,500 (Rs.50,000)

The Pakistani side bears the above amount to train general doctors in Kalat to let them obtain an anesthetize technique.

[Conditions: Personnel expenses: salary for doctor: Rs.45,000/ 6 months of training period + Transportation fees etc = Rs.50,000]

* 1 rupee = 1.95 yen, expenses are included to the fees.

3) Base of Estimates

i) Date of estimation: December 2003

ii) Exchange rate: 1 rupee=1.95 yen

iii) Implementation period: To be finished in a single year. The necessity period for D/D and equipment procurement is shown as the implementation schedule.

iv) Others: The Project will be implemented subject to Japanese grant aid scheme.

2-5-2 Operation and Maintenance Costs

The increase rate against last year's annual budget in each Institution is determined, and the result is listed in Table 2-5-2-1.

The following equation is used for the calculation of increase rate by the operation / maintenance costs out of the total expenditure.

(D) The increase rate against the total expenditure (%) = $100 \times \{ (A) \text{ increase in the operation and maintenance cost} + (B) \text{ increase in the payroll of the medical personnel} \} / (C) \text{ total expenditure in fiscal 2002.}$

In some cases, no increase is expected by the operation/ maintenance costs and payroll because of the following reasons.

(a) Increase in the operation and maintenance cost

If new items are procured, new expenses will be necessary. However, if items are

procured just to renew the existing equipment, then no increase will be expected by its operation/ maintenance because such items has been already taking care in the allocated budget.

(b) Increase in the payroll of paramedical stuffs

A staff member working currently with an item of the existing equipment can continue working with the item even after the item is replaced and renewed by the project. In this case, there is no increase in the payroll. However, an increase in the payroll is expected if a district has a plan to increase paramedical stuffs in connection to the project.

In consideration of the above-mentioned factors, the rates of cost increases by operation /maintenance are summarized in below table 2-5-2-1.

Table 2-15 Increase ratio of annual operation/ maintenance cost

1. DHQ Hospital

No.	District	(A) Operation / Maintenance increase (Rs.)	(B)Paramedical stuffs' expense increase (Rs.)	(C)Total Expenditures in fiscal 2002 (Rs.)	(D) Ratio (%)
1	Bolan	—	—	5,568,212	0.0
2	Kalat	—	—	8,886,331	0.0
3	Sibi	—	—	101,016,737	0.0
4	Jaffalabad	32,520	—	43,515,364	0.1
5	Nassirabad	—	—	12,767,884	0.0
6	Khuzdar	—	—	12,979,022	0.0
7	Lasbela	—	—	8,452,535	0.0
Total		32,520	0	193,186,085	0.02

2. RHC

No.	District	(A) Operation / Maintenance increase (Rs.)	(B)Paramedical stuffs' expense increase (Rs.)	(C)Total Expenditures in fiscal 2002 (Rs.)	(E) Ratio (%)
1	Quetta	20,250	50,000	3,400,000	2.0
2	Bolan	20,250	50,000	1,240,000	5.7
3	Kalat	32,520	—	1,176,000	2.8
4	Sibi	32,520	—	2,094,000	1.6
5	Jaffalabad	20,250	50,000	1,753,000	4.0
6	Nassirabad	20,250	50,000	1,311,000	5.4
7	Khuzdar	20,250	50,000	2,353,000	3.0
8	Lasbela	—	—	3,194,000	0
Total		166,290	250,000	16,521,000	2.5

Note) Drivers' annual salary was calculated as Rs.50,000.

Therefore, the total increase of operation/ maintenance costs by this project is 448,810 rupees(≒JPY 875,000).

This increase would be managed by GOB as the operation/ maintenance expenses of PC-1. As GOB has already planned 10 million rupees for the expenses and it is supposed to be approved by GOP, this increase would possibly be prepared.

Table 2-5-2-2 describes the item-wise breakdown of operation/ maintenance costs, which will be increased by procurement of new equipment in the project.

Table 2-16 Operation/ maintenance cost estimation by item of equipment

No.	Equipment	Breakdown	Estimation
1	Dental Chair	Expense for electricity	Power consumption/fee increment: $2300\text{W} \times 6\text{h/day} \times 300\text{days/yr} \times \text{Rs.}3/\text{kW} = \text{Rs.}12,420/\text{yr}$ (Conditions:①Operating 300days/yr, ②Unit price of electricity: Rs.3/kW, Operating duration: 6 h/day)
		Consumables • Parts • Filling material	Hand-piece fin: $3\text{pcs/yr} \times 200\text{Rs./yr} = \text{Rs.}600/\text{yr}$ Amalgam: $\text{Rs.}10/\text{patient} \times 3\text{patients/day} \times 200\text{days/yr} = \text{Rs.}6000/\text{yr}$ Filling material for children: $\text{Rs.}15/\text{patient} \times 3\text{patients} \times 200\text{days/yr} = \text{Rs.}9000/\text{yr}$
		Maintenance cost	$(\text{Rs.}2,500 + \text{Rs.}2,000)/\text{yr} \times \text{once/yr} = \text{Rs.}4,500/\text{yr}$ (Conditions: Repair frequency: once/yr, Personnel expense: Rs.2,500/time, Travel fee: Rs.2,000/time)
		Total	Rs.32,520
2	Ambulance	Fuel charge	Diesel Consumption: $200\text{km}/(8\text{km/lit}) \times \text{Rs.}21/\text{lit} \times 200\text{days/yr} = \text{Rs.}105,000/\text{yr}$ (Conditions:①Operating 200 days/yr, ②Diesel fee: Rs.21/lit,③ Running distance: 200km/day, ④ Fuel consumption : 8 k m/lit)
		Consumable • Rechargeable battery • Tire	Rechargeable battery : $0.5\text{pcs/yr} \times \text{Rs.}5000/\text{yr} = \text{Rs.}2500/\text{yr}$ Tire: $\text{Rs.}3000/\text{pcs} \times 2\text{pcs/yr} = \text{Rs.}6000/\text{yr}$ Others:Rs.2250/yr Total: Rs.10,750/yr
		Maintenance fee	$\text{Rs.}2,000/\text{yr} \times 3\text{times/yr} = \text{Rs.}6,000/\text{yr}$ (Conditions: Repair/Check frequency: 3 times/yr, Personnel expenses: Rs. 2,000/time) Vehicle insurance premium : $\text{Rs.}3,500/\text{yr} \times \text{once/yr} = \text{Rs.}3,500/\text{yr}$ Total: Rs.9,500/yr (JPY 18,500)
		Total	Rs.20,250

Note) Fuel expense of ambulance is excluded in this estimation because it is patient' s shoulder principally.

The following table 2-5-2-3 shows the increase of respective districts' operation & maintenance cost.

Table 2-17 Increase cost for operation/ maintenance
(Expenses for water, electricity and fuel+consumables+maintenance)

No.	District	Contents of newly procurement	Increased amount (Rs./yr)
1	Quetta	RHC: Ambulance: 1 unit	20,250
2	Bolan	RHC: Ambulance: 1 unit	20,250
3	Kalat	RHC: Dental chair: 1 unit	32,520
4	Sibi	RHC: Dental chair: 1 unit	32,520
5	Jaffalabad	DHQ: Dental chair: 1 unit	32,520
		RHC: Ambulance: 1 unit	20,250
6	Nassirabad	RHC: Ambulance: 1 unit	20,250
7	Khuzdar	RHC: Ambulance: 1 unit	20,250

Chapter 3 Project Evaluation and Recommendations

Chapter 3 Project Evaluation and Recommendations

3-1 Project Effect

3-1-1 The effect of this project

1) Direct effect

The direct effects in the improvement of medical service are as follows:

- i) Dental treatment* will be available at all eight targeted districts.
- ii) Five of the seven targeted DHQs will be able to provide nebulizer treatment** for respiratory diseases (e.g., bronchial asthma and bronchitis).
- iii) Ambulances will be available at all seven targeted DHQs as well as at some RHCs.

Thus, within targeted 8 districts, it will be available to have medical service nearby, and also serious cases will be smoothly referred to better-equipped institutions.

* The treatment of the root of a tooth by cutting and cement filling.

** The treatment involving the inhaling of atomized liquid medicine through the use of an inhalator.

2) Indirect effects

At DHQs, training sessions will be available to health care professionals (e.g., doctors, engineers, and hygienists) who work at RHCs or BHUs. With the availability of new equipment in there, it will be possible to train these professionals by using it to learn new skills.

The effects are summarized in Table 3-1.

Table 3-1 The level of effect and improvement by this project

The present situation and problems	Solution through this project (Assistance-targeted project)	The level of effect and improvement of the plan
At targeted institutions, medical supplies have been insufficient because of budget limitations. Additionally, the dispatch of paramedical staff, medical equipment, and ambulances has not been available. Therefore, local residents have not had sufficient medical service.	To procure the medical equipment and ambulances necessary for adequate primary and secondary basic medical service	The number of patients as well as emergency patients' referral cases will increase with improved medical service at eight districts in Balochistan Province.

3-1-2 Selection of result indication

Result indication, overall goal, project purpose, and expected outputs are as follows:

1) Overall goal: Quality and quantity of available medical services at eight targeted districts will improve.

As the targeted institutions are important to regional medical service, it is expected that the improvement of medical service at targeted institutions will result in improvement throughout the district.

2) Project purpose: The medical service offered by targeted institutions will improve.

Indications of this project purpose are: i) improved ratio of institutions where dental treatment is available, ii) improved ratio of institutions where the nebulizer treatment for respiratory disease is possible, and iii) increased patient-referral cases.

i) Expected increased percentages of institutions offering dental treatment are:

DHQs: Before the project (2003) 86% (6/7 DHQs) → After (2006) 100% (7/7 DHQs)

RHCs: Before (2003) 18% (4/22 RHCs) → After (2006) 27% (6/22 RHCs)

ii) Expected increased percentages of institutions able to use the nebulizer treatment for respiratory disease (e.g., bronchial asthma, bronchitis) are:

DHQs: Before (2003) none → After (2006) 71% (5/7 DHQs)

iii) Expected increased number of referral cases at the targeted institutions is shown in tables below.

Table 3-2 Annual referral case at DHQ hospitals

DHQ hospitals (Districts)	Annual referral case (DHQ hospitals→the third hospitals)	
	After (2006 prediction)	Before (2003)
Sibi (Sibi)	168	—
Dera Allah Yar (Jaffalabad)	70	—
Dadhar (Bolan)	350	—
Khuzdar(Khuzdar)	158	—

(Source: Annual report of 4 DHQ hospitals)

Table 3-3 Annual referral case at RHCs

RHC (Districts)	Annual referral case (RHC→DHQ hospitals)	
	After (2006 prediction)	Before (2003)
Kuchlak (Quetta)	240	—
Chalgari (Bolan)	144	—
Mirwah (Nassirabad)	144	—
Rojan Jamali (Jaffalabad)	144	—

(Source: Data provided by RHCs)

3) Expected result: The necessary equipment and ambulances will be available at the targeted institutions. Implementing this project includes servicing of the equipment indicated below in each targeted institution.

Table 3-4 The main equipment offered to each district

City	X-ray machine	Dental chair unit	Ambulance	Anesthesia machine with Ventilator
Quetta	—	—	1	—
Bolan	—	—	2	—
Kalat	—	2	2	—
Sibi	2	2	2	—
Jaffalabad	—	1	2	—
Nassirabad	1	—	2	1
Khuzdar	2	1	2	1
Lasbela	1	—	1	—
Total	6	6	14	2

(Source: The account books at targeted institutions)

3-2 Recommendations

If the problems listed below are addressed, the execution of this project will be smooth and effective.

1) Paramedical staff allocation

GOB has to address immediately the lack of obstetricians and gynecologists, surgeons, anesthetists, and female doctors. Also, as the equipment plan was determined on the basis of the doctor specialty and gender, doctors who retire must be replaced immediately.

2) Maintenance

It is desirable for each district to allot a consumable purchase budget and strengthen the maintenance system in order to ensure that the equipment works effectively at targeted institutions.

3) Effective use of equipment

To increase the networking rate of procured equipment, local residents must be informed about this supplementary medical equipment provided by Japan's Grant Aid Scheme.

The equipment expected to be supplied through this project is to replace or supplement existing deteriorated equipment. Paramedical staff at targeted institutions must be able to use this equipment sufficiently, since none of the items needs highly technical skills. For equipment requiring regular maintenance (e.g., ambulance, X-ray machine, dental chair, and anesthesia machine with ventilator), it is possible for the local agency where a technician is permanently stationed in the province or main city to offer maintenance service. Thus, this project does not require technical assistance. However, at the time of equipment installation, the use of technicians dispatched from manufacturers is advisable for staff in each hospital.

4) Hygiene education

In the Balochistan Province, home childbirth with the assistance of a midwife is traditional. However, institution childbirth has increased recently in some areas because of the introduction of hygiene education, which includes maternity health. A reformation of local consciousness has come about as a result of general education for women. For instance, since the department of obstetrics and gynecology was established in 2003 at DHQ Kalat, the rate of institution childbirth has dramatically increased. However, in some areas home childbirth is still prevalent. Therefore, it is desirable that this project include the education of local residents in terms of safe childbirth and sanitation.

5) Social infrastructure

In the Balochistan Province, the small population has scattered over an immense area, and continuously moves with seasonal changes. In many areas the social infrastructure

(water/electric/communication) is not well-serviced. Concerning the medical service in such areas, using a mobile clinic is more realistic than allocating a medical treatment facility in each village or in a fixed area. Mobile clinics augment the effective use of a small number of resources and a small paramedic staff over a wider geographic area.

Under the present conditions, it is difficult to access to emergency service because of the insufficient communication infrastructure such as the telephone service. Therefore, wireless communication is a desirable alternative.

Appendices

1. **Member List of the Study Team**
2. **Study Schedule**
3. **List of Parties Concerned**
in the Recipient Country
4. **Minutes of Discussions**
5. **Other Relevant Data**
6. **References**

1. Member List of the Study Team

【Basic Design Study】

No.	Name	Job title	Occupation
1	Ms. Yumiko Asakuma	Leader	Japan International Cooperation Agency (JICA) Grant Aid Management Department
2	Dr. Hidechika Akashi	Technical Adviser	International Medical Center of Japan Bureau of International Cooperation
3	Mr. Ryoji Harada	Project Manager	Earl Consultants Incorporated
4	Mr. Yo Takahashi	Equipment Planner 1	Earl Consultants Incorporated
5	Mr. Yasukazu Konno	Equipment Planner 2	Earl Consultants Incorporated
6	Mr. Masanori Fujimoto	Facility Planner	Earl Consultants Incorporated
7	Mr. Takamasa Hirobe	Procurement Planner ／Cost Estimator	Earl Consultants Incorporated

【Draft Final Report Explanation】

No.	Name	Job title	Occupation
1	Mr. Hidekazu Tanemura	Leader	Japan International Cooperation Agency (JICA) Pakistan office
2	Dr. Hidechika Akashi	Technical Adviser	International Medical Center of Japan Bureau of International Cooperation
3	Mr. Sohail Ahamad	Coordinator	Japan International Cooperation Agency (JICA) Pakistan office
4	Mr. Ryoji Harada	Project Manager	Earl Consultants Incorporated
5	Mr. Yo Takahashi	Equipment Planner 1	Earl Consultants Incorporated

2. Study Schedule

【Basic Design Study】

Period Date		Itinerary						Stay
		Official Member		Consultant Member				
		Leader	Technical Advisor	Project Manager	Equipment Planner 1	Equipment Planner 2	Facility Planner	
1	22, Sept. (Mon.)	Project Manager : Narita→Karachi						Karachi
2	23, Sept. (Tue.)	Project Manager : Karachi→Islamabad, Courtesy call(JICA Pakistan office, Embassy of Japan, Ministry of Economic Affairs & Statistics)						Islamabad
3	24, Sept. (Wed.)	Project Manager : Meeting with USAID						Islamabad
4	25, Sept. (Thu.)	Project Manager : Islamabad→Karachi (due to the bad weather, failed to arrive in Quetta) Meeting with Health Secretary of Dept. of Health, Govt. of Balochistan Equipment Planner 1, 2 : Narita→Lahore						Karachi Lahore
5	26, Sept. (Fri.)	Project Manager : Karachi→Quetta, Courtesy call (the Office of Honorary Consul-General of Japan) Equipment Planner 1,2 : Lahore→Islamabad, Courtesy call(JICA Pakistan office)						Quetta Islamabad
6	27, Sept. (Sat.)	Project Manager : Courtesy call (Dept. of Planning & Development and Dept. of Health, Govt. of Balochistan) Study of CD Nawa Killi, CD Alam Khan (Dist. Quetta) Equipment Planner 1,2 : Islamabad→Quetta, Study of CD Nawa Killi, CD Alam Khan (Dist. Quetta)						Quetta Quetta
7	28, Sept. (Sun.)	Project Manager : Quetta→Sibi Equipment Planner 1 : Quetta→Jaffarabad Equipment Planner 2 : Quetta→Khuzdar						Sibi Jaffarabad Khuzdar
8	29, Sept. (Mon.)	Project Manager : Visit of Sibi Health Center, Study of DHQ Sibi (Dist. Sibi) Equipment Planner 1 : Visit of Jaffarabad Health Center ,Study of BHU Gandakha (Dist. Jaffarabad) Equipment Planner 2 :						Sibi Jaffarabad Khuzdar
9	30, Sept. (Tue.)	Project Manager : Study of DHQ Sibi (Dist. Sibi) Equipment Planner 1 : Study of BHU Taj Pur, RHC Rhojhan Jamli (Dist. Jaffarabad) Equipment Planner 2 : Facility Planner : Narita→Lahore						Sibi Jaffarabad Khuzdar Lahore
10	1, Oct. (Wed.)	Technical Advisor : Tokyo→Karachi Project Manager : Study of BHU Kurak, DHQ Sibi (Dist. Sibi) Equipment Planner 1 : Study of DHQ Dera Allak Yar (Dist. Jaffarabad) Equipment Planner 2 : Facility Planner : Lahore→Islamabad, Courtesy call(JICA Pakistan office)						Karachi Sibi Jaffarabad Khuzdar Islamabad

11	2, Oct. (Thu.)	Technical Advisor : Karachi→Islamabad, Courtesy call(JICA Pakistan office) Project Manager : Study of BHU Sultan Kot (Dist. Sibi) Equipment Planner 1 : Study of BHU Sibi Jadeed (Dist. Jaffarabad, Jaffarabad→Nasirabad Equipment Planner 2 : Facility Planner : Islamabad→Quetta, Courtesy call (the Office of Honorary Consul-General of Japan, Dept. of Health, Govt. of Balochistan)	Islamabad Sibi Nasirabad Khuzdar Quetta
12	3, Oct. (Fri.)	Technical Advisor : Islamabad→Quetta→Kalat Project Manager : Study of RHC Talli (Dist. Sibi) Equipment Planner 1 : Visit to Nasirabad Health Center, BHU Sabaz Ali Umrani (Dist. Nasirabad) Equipment Planner 2 : Facility Planner : Quetta→Kalat	Kalat Sibi Nasirabad Kalat
13	4, Oct. (Sat.)	Technical Advisor : Study of DHQ Kalat (Dist. Kalat) Project Manager : Study of RHC Lehri (Dist. Sibi), Sibi→Quetta Equipment Planner 1 : Study of BHU Shah Pur, Mir Hassan, Dolat Ghare, Abdul Hameed Khosa (Dist. Nasirabad) Equipment Planner 2 : Facility Planner : Study of DHQ Kalat(Dist. Kalat)	Kalat Quetta Nasirabad Kalat
14	5, Oct. (Sun.)	Technical Advisor : Visit to Kalat Health Center, Study of BHU Mal Sohorai, THQ Surab, RHC Gidar (Dist. Kalat), Kalat→Khuzdar , Study of DHQ Khuzdar(Dist. Khuzdar) Project Manager : Documentary Equipment Planner 1 : Documentary Equipment Planner 2 : Documentary Facility Planner : Visit to Kalat Health Center, Study of BHU Mal Sohorai, THQ Surab, RHC Gidar (Dist. Kalat), Kalat→Khuzdar , Study of DHQ Khuzdar(Dist. Khuzdar) Procurement Planner/Cost Estimator : Narita→Karachi	Khuzdar Quetta Nasirabad Khuzdar Karachi
15	6, Oct. (Mon.)	Technical Advisor : Visit to Khuzdar Health Center, Study of DHQ Khuzdar(Dist. Khuzdar), Khuzdar→Lasbela Project Manager : Study of BHU Samungli(Dist. Quetta), Local Agent Survey Equipment Planner 1 : Study of RHC Manjhoo Shori (Dist. Nasirabad) Equipment Planner 2 : Facility Planner : Visit to Khuzdar Health Center, Study of DHQ Khuzdar(Dist. Khuzdar), Khuzdar→Lasbela Procurement Planner/Cost Estimator : Karachi→Islamabad, Courtesy call (JICA Pakistan office)	Lasbela Quetta Nasirabad Lasbela Islamabad
16	7, Oct. (Tue.)	Technical Advisor : Study of DHQ Uthal,BHU Goth Fida Hussain Shah(Dist. Lasbela) Project Manager : Documentary Equipment Planner 1 : Study of BHU Mangal Kot, DHQ Dera Murad Jamali (Dist. Nasirabad) Equipment Planner 2 : Facility Planner : Study of DHQ Uthal, BHU Goth Fida Hussain Shah (Dist. Lasbela) Procurement Planner/Cost Estimator : Islamabad→Quetta, Local Agent Survey	Lasbela Quetta Nasirabad Lasbela Quetta

17	8, Oct. (Wed.)	Technical Advisor : Lasbela→Karachi, Study of THQ Hab (Dist. Lasbela) Project Manager : Study of BHU Village Aid (Dist. Quetta), Meeting with ADB and the World Bank Equipment Planner 1 : DHQ Dera Murad Jamali (Dist. Nasirabad) Equipment Planner 2 : Facility Planner : Lasbela→Karachi, Study of THQ Hab(Dist. Lasbela) Procurement Planner/Cost Estimator : Local Agent Survey	Karachi Quetta Nasirabad Karachi Quetta
18	9, Oct. (Thu.)	Technical Advisor : Karachi→Jacobabad→Jaffarabad, DHQ Dera Allak Yar (Dist. Jaffarabad), Visit to Jaffarabad Health Center Project Manager : Study of BHU Pashtoonabad, BHU New Pashtoonabad, Old Pashtoonabad (Dist. Quetta), Visit to Quetta Health Center Equipment Planner 1 : Nasirabad→Bolan Equipment Planner 2 : Facility Planner : Karachi→Jacobabad→Jaffarabad, DHQ Dera Allak Yar (Dist. Jaffarabad), Visit of Jaffarabad Health Center Procurement Planner/Cost Estimator : Quetta→Karachi, Local Agent Survey	Jaffarabad Quetta Bolan Jaffarabad Karachi
19	10, Oct. (Fri.)	Technical Advisor : Study of DHQ Dera Allak Yar(Dist. Jaffarabad), Jaffarabad→Nasirabad, Study of DHQ Dera Murad Jamali (Dist. Nasirabad) Project Manager : Quetta→Kalat, Visit of Kalat Health Center, Study of BHU Kalat Equipment Planner 1 : Visit to Bolan Health Center, BHU Mushkaf, Jal Bani (Dist. Bolan) Equipment Planner 2 : Facility Planner : Study of DHQ Dera Allak Yar(Dist. Jaffarabad), Jaffarabad→Nasirabad, Study of DHQ Dera Murad Jamali (Dist. Nasirabad) Procurement Planner/Cost Estimator : Local Agent Survey	Nasirabad Kalat Bolan Nasirabad Karachi
20	11, Oct. (Sat.)	Technical Advisor : Study of DHQ Dera Murad Jamali (Dist. Nasirabad), Visit to Nasirabad Health Center Project Manager : Study of DHQ Kalat, Kalat→Quetta Equipment Planner 1 : Study of BHU Haji Shehr, THQ Bhag, RHC Chhargari (Dist. Bolan) Equipment Planner 2 : Facility Planner : Study of DHQ Dera Murad Jamali (Dist. Nasirabad), Visit to Nasirabad Health Center Procurement Planner/Cost Estimator : Local Agent Survey	Nasirabad Quetta Bolan Nasirabad Karachi
21	12, Oct. (Sun.)	Leader : Narita→Lahore Technical Advisor : Nasirabad→Bolan Project Manager : Documentary Equipment Planner 1 : Documentary Equipment Planner 2 : Facility Planner : Nasirabad→Bolan Procurement Planner/Cost Estimator : Documentary	Lahore Bolan Quetta Bolan Bolan Karachi

22	13, Oct. (Mon.)	<p>Leader : Lahore→Islamabad, Courtesy call (JICA Pakistan office, Embassy of Japan)</p> <p>Technical Advisor : Visit to Bolan Health Center, Study of DHQ Dhadar, BHU Mithri, Chanderar(Dist. Bolan)</p> <p>Project Manager : Quetta→Kalat, Study of DHQ Kalat (Dist. Kalat)</p> <p>Equipment Planner 1 : Study of DHQ Dhadar, BHU Mithri, Chanderar (Dist. Bolan)</p> <p>Equipment Planner 2 :</p> <p>Facility Planner : Visit to Bolan Health Center, Study of DHQ Dhadar, BHU Mithri, Chanderar(Dist. Bolan)</p> <p>Procurement Planner/Cost Estimator : Local Agent Survey</p>	<p>Islamabad</p> <p>Bolan</p> <p>Kalat</p> <p>Bolan</p> <p>Bolan</p> <p>Karachi</p>
23	14, Oct. (Tue.)	<p>Leader : Islamabad→Quetta</p> <p>Technical Advisor : Bolan→Sibi, Visit to Sibi Health Center, Study of DHQ Sibi (Dist. Sibi)</p> <p>Project Manager : Study of RHC Gidar (Kalat)</p> <p>Equipment Planner 1 : Study of BHU Kitra, Ab-E-Gum, THQ Mach (Dist. Bolan)</p> <p>Equipment Planner 2 :</p> <p>Facility Planner : Bolan→Sibi, Visit of Sibi Health Center, Study of DHQ Sibi (Dist. Sibi)</p> <p>Procurement Planner/Cost Estimator : Local Agent Survey</p>	<p>Quetta</p> <p>Sibi</p> <p>Kalat</p> <p>Bolan</p> <p>Sibi</p> <p>Karachi</p>
24	15, Oct. (Wed.)	<p>Leader : Quetta→Sibi, Study of DHQ Sibi(Dist. Sibi)</p> <p>Technical Advisor : Study of DHQ Sibi(Dist. Sibi)</p> <p>Project Manager : Study of BHU Mehmood Gohram, BHU Chatti, RHC Zird Ghulamjan (Dist. Kalat)</p> <p>Equipment Planner 1 : Study of DHQ Dhadar (Dist. Bolan)</p> <p>Equipment Planner 2 :</p> <p>Facility Planner : Study of DHQ Sibi (Dist. Sibi)</p> <p>Procurement Planner/Cost Estimator : Local Agent Survey</p>	<p>Sibi</p> <p>Sibi</p> <p>Kalat</p> <p>Bolan</p> <p>Sibi</p> <p>Karachi</p>
25	16, Oct. (Thu.)	<p>Leader : Sibi→Quetta, Study of THQ Mach, BHU Kolpur (Dist. Bolan)</p> <p>Technical Advisor : Sibi→Quetta, Study of Bolan Medical Complex</p> <p>Project Manager : Visit to Kalat Health Center, Kalat→Quetta</p> <p>Equipment Planner 1 : Bolan→Quetta</p> <p>Equipment Planner 2 :</p> <p>Facility Planner : Sibi→Quetta, Study of THQ Mach, BHU Kolpur (Dist. Bolan)</p> <p>Procurement Planner/Cost Estimator : Karachi→Sialkot, Local Agent Survey</p>	<p>Quetta</p> <p>Quetta</p> <p>Quetta</p> <p>Quetta</p> <p>Quetta</p> <p>Quetta</p> <p>Sialkot</p>
26	17, Oct. (Fri.)	<p>Leader, Technical Advisor, Project Manager, Equipment Planner 1,2,</p> <p>Facility Planner : Discussion with Dept. of Health</p> <p>Procurement Planner/Cost Estimator : Local Agent Survey</p>	<p>Quetta</p> <p>Sialkot</p>
27	18, Oct. (Sat.)	<p>Leader, Technical Advisor, Project Manager, Equipment Planner 1</p> <p>: Discussion on Minutes of Meeting with Dept. of Health</p> <p>Equipment Planner 2, Facility Planner</p> <p>: Discussion on Minutes of Meeting with Dept. of Health, Quetta→Karachi→</p> <p>Procurement Planner/Cost Estimator : Local Agent Survey</p>	<p>Quetta</p> <p>In flight</p> <p>Sialkot</p>
28	19, Oct (Sun.)	<p>Leader, Technical Advisor, Project Manager, Equipment 1 : Internal Meeting</p> <p>Equipment Planner 2, Facility Planner : →Bangkok→Narita</p> <p>Procurement Planner/Cost Estimator : Documentary</p>	<p>Quetta</p> <p>Quetta</p> <p>Sialkot</p>
29	20, Oct. (Mon.)	<p>Leader, Technical Advisor, Project Manager, Equipment 1</p> <p>: Discussion on Minutes of Meeting with Dept. of Health</p> <p>Procurement Planner/Cost Estimator : Sialkot→Lahore, Local Agent Survey</p>	<p>Quetta</p> <p>Lahore</p>

30	21, Oct. (Tue.)	<p>Leader : Discussion on Minutes of Meeting in Health Dept., Signing of Minutes of Meeting, Quetta→Islamabad</p> <p>Technical Advisor : Discussion on Minutes of Meeting in Health Dept., Signing of Minutes of Meeting(due to flight cancel, stay in Quetta)</p> <p>Project Manager, Equipment Planner 1 : Discussion on Minutes of Meeting with Dept. of Health, Signing of Minutes of Meeting</p> <p>Procurement Planner/Cost Estimator : Local Agent Survey</p>	<p>Islamabad</p> <p>Quetta</p> <p>Quetta</p> <p>Lahore</p>
31	22, Oct. (Wed.)	<p>Leader : Report (JICA Pakistan office, Embassy of Japan, Ministry of Economic Affairs & Statistics), Islamabad→Karachi→</p> <p>Technical Advisor : Quetta→Karachi</p> <p>Project Manager, Equipment Planner 1 : Discussion of Specifications of Equipment</p> <p>Procurement Planner/Cost Estimator : Local Agent Survey</p>	<p>In flight</p> <p>Karachi</p> <p>Quetta</p> <p>Lahore</p>
32	23, Oct. (Thu.)	<p>Leader : →Hong Kong→Narita</p> <p>Technical Advisor : Karachi→</p> <p>Project Manager : Quetta→Islamabad</p> <p>Equipment Planner 1 : Quetta→Lahore→</p> <p>Procurement Planner/Cost Estimator : Local Agent Survey, Lahore→</p>	<p>In flight</p> <p>Islamabad</p> <p>In flight</p> <p>In flight</p>
33	24, Oct. (Fri.)	<p>Technical Advisor : →Bangkok→Narita</p> <p>Project Manager : Report (JICA Pakistan office, Embassy of Japan, Ministry of Economic Affairs & Statistics), Islamabad→Lahore→</p> <p>Equipment Planner 1 : →Bangkok→Narita</p> <p>Procurement Planner/Cost Estimator : →Bangkok→Narita</p>	<p>In flight</p>
34	25, Oct. (Sat.)	<p>Project Manager : →Bangkok→Narita</p>	

【Draft Final Report Explanation】

Period Date		Itinerary			Stay
		Official Member	Consultant Member		
		Technical Advisor	Project Manager	Equipment Planner1	
1	11, Dec. (Thu.)		Narita→Karachi		Karachi
2	12, Dec. (Fri.)		Courtesy call (JICA Pakistan office, Embassy of Japan, Ministry of Economic Affairs & Statistics, UNICEF)		Islamabad
3	13, Dec. (Sat.)	Narita→Karachi	Islamabad Stay (due to the bad weather, flight cancel)		Islamabad
4	14, Dec. (Sun.)	Karachi Stay (due to the bad weather, flight cancel)	Islamabad Stay (due to the bad weather, flight cancel)		Islamabad
5	15, Dec. (Mon.)	Karachi Stay (due to the bad weather, flight cancel)	Islamabad→Karachi		Karachi
6	16, Dec. (Tue.)	Karachi→Quetta			Quetta
7	17, Dec. (Wed.)	Courtesy call (Dept. of Planning & Development, Dept. of Health), Explanation of Draft Report and Discussion with Dept. of Health			Quetta
8	18, Dec. (Thu.)	Discussion on Minutes of Meeting with Dept. of Health			Quetta
9	19, Dec. (Fri.)	Discussion on Minutes of Meeting with Dept. of Health	Discussion on Minutes of Meeting with Dept. of Health Discussion on Specifications of Equipment		Quetta
10	20, Dec. (Sat.)	Signing of Minutes of Meeting with Dept. of Health Karachi→Islamabad	Signing of Minutes of Meeting with Dept. of Health		Quetta
11	21, Dec. (Sun.)	Islamabad→karachi→	Quetta→Islamabad	Quetta→Karachi	Islamabad /Karachi
12	22, Dec. (Mon.)	→Bangkok→Narita	Signing of Minutes of Meeting in Ministry of Economic Affairs & Statistics and Balochistan house of Dept. of Planning & Development, Report (JICA Pakistan office, Embassy of Japan) Islamabad→Karachi→	Local Agent Survey in Karachi Karachi→	In flight
13	23, Dec. (Tue.)		→Bangkok→Narita		

3. List of Parties Concerned in the Recipient Country

(1) Japanese Side

①Embassy of Japan in Pakistan

Mr. Takeshi Matsunaga : Head of Economic and Development Section

Mr. Teruo Kobayashi : Second Secretary

②Office of the Honorary Consul-General of Japan

Mr. Syed Nadeem Shah : Honorary Consul-General of Japan

Mr. Imran Baqi : Staff Officer

③JICA Pakistan Office

Mr. Nobuyuki Yamaura : Resident Representative

Mr. Yojiro Ishii : Senior Deputy Resident Representative

Mr. Hidekazu Tanemura : Deputy Resident Representative

Mr. Sohail Ahamad : Senior Program Officer

(2) Pakistani Side

①Ministry of Economic Affairs & Statistics

Mr. Muhammad Ashraf Khan : Joint Secretary

Mr. Yasmin Masood : Deputy Secretary

②Ministry of Health

Mr. Ejaz Rahim : Secretary

③Department of Planning & Development Department, Government of Balochistan

Maj. (Rt) Nadir Ali : Additional Chief Secretary

Mr. Ghulam Mohayud : Chief Economist

Mr. Muhammad Arshad Sultan : Section Officer

④Department of Health, Government of Balochistan

Mr. Hafiz Hamdullah : Minister

Dr. Shafi Muhammad Zehri : Secretary

Dr. Manzoor Hussain : Additional Secretary

Mr. Farrukh Sohail Malik : Director Finance

Dr. Muhammad Amjad : Deputy Chief Planning Officer

⑤District Quetta, Balochistan

Dr. Changaze Khan Gichki : Executive District Officer (Health)

Dr. Sarburand : Project Coordinator

Dr. Nighat Hayai : LMO BHU Old Pashtoonabad

Dr. Muhammad Younas : MO BHU Old Pashtoonabad

⑥ District Bolan, Balochistan

Mr. Ali Ahmad Gishkori	: District Coordinator	
Dr. Mohammad Hayat Mengal	: Executive District Officer (Health)	
Dr. Abdul Ietip Iehri	: Deputy District Health officer	
Dr. Mohammad Hassan Loshare	: Superintendent	DHQ Dhardar
Dr. Elahi Bakhsh Shah	: Executive district Officer	THQ Bhag
Dr. Muhammad Ismail	: MO	THQHach
Mr. Ghualm Hyber	: Dispenser	RHC Chhargari
Dr. Mohammad Jamed	: MO	BHU Kirta
Mr. Mohammad Raeique	: Dispenser	BHU Mushkaf
Mr. Muhammad Jnagf	: MMT	BHU Jalbani
Mr. Mohammad Yaqoos	: Dispenser	BHU Haji Shaher
Mr. Taj Mohammad	: Dispenser	BHU Mithri
Mr. Jan Mohammad	: MMT	BHU Chandar
Mr. Wati Mohammad	: MMT	BHU AB E Gum

⑦ District Sibi, Balochistan

Mr. Abdur Rauf Baloch	: District Coordinator	
Dr. Abdul Salam Rind	: Executive District Officer (Health)	
Dr. Gorkdhah Dass Wolund	: Superintendent	DHQ Sibi
Dr. M. Jawaid Akbar	: Surgeon	DHQ Sibi
Dr. Khalid Pervaiz	: Anesthesia Specialist	DHQ Sibi
Dr. Ahmed Batosh	: Pediatrician	DHQ Sibi
Dr. Mohammed Ali	: Physician	DHQ Sibi
Dr. Mohammed Haidu	: Dental Surgeon	DHQ Sibi
Dr. Zameer Ud-din	: Medical Officer	DHQ Sibi
Dr. Abdul Qadir	: Medical Officer	DHQ Sibi
Dr. Syed Ihuram Ahemad	: Medical Officer	DHQ Sibi
Mr. Mohammad Taliq	: Male Medical Technician	DHQ Sibi
Ms. Shawin Shariff	: Lady Health Visitor	DHQ Sibi
Dr. Irfan Ud-din	: Medical Officer	RHC Leni
Dr. Mohammed Haidu	: Medical Officer	RHC Leni
Dr. M. Ismail	: Lady Medical Officer	RHC Leni
Dr. Surray Nand	: Lady Medical Officer	RHC Leni
Mr. Mohammad Muras	: Male Medical Technician	RHC Talli
Dr. Anil Arora	: Medical Officer	RHC Lehri
Mr. Mohammad Jan	: MMT	BHU Sulthn Kot
Ms. Nighot Pareenan	: FMT	BHU Sulthn Kot

⑧ District Kalat, Balochistan

Dr. Mohammad Ayouz	: Executive District Officer (Health)	
Dr. Qazi Mohd Siddir	: Malaria Superintendent	
Dr. Shamis Ul-haq	: Superintendent	DHQ Kalat
Dr. M. Yaqub Tehri	: MO	DHQ Kalat
Dr. A. Wahab Manal	: MO	DHQ Kalat
Dr. Gohav Khan	: MO	DHQ Kalat

Dr. Ghansham Dass : MO		DHQ Kalat
Dr. Abdul Samad : Dental Surgeon		RHC Gidar
Dr. Abdul Hamid : MO		RHC Gidar
Dr. Qasim Mashwani : MO		RHC Zird Ghulamjan
Dr. Nasrullah Langove : MO		RHC Zird Ghulamjan
Dr. Jatil Ahmed : Pediatrician		BHU Mahmood Gohar Mangocher
Dr. Sultan Shak : MO		BHU Mahmood Gohar Mangocher
Ms. Tasneem Akram : LHV		BHU Mahmood Gohar Mangocher
Mr. Abdul Rashid : Dispenser		BHU Mahmood Gohar Mangocher

⑨ District Jaffarabad, Balochistan

Mr. Hazoor bakhsh : District Coordinator		
Dr. Jamaluddin : Executive District Officer (Health)		
Dr. Rashid Jamali : Superintendent		DHQ Dera Allak Yar
Dr. Khalid Rahim : MO		RHC Rojhan Jamal
Dr. Nisar : MO		BHU Gandakha
Dr. Fida Hussan Golo : MO		BHU Tajpur
Dr. Qudart Ullah : MO		BHU Sibi Jadeed

⑩ District Nasirabad, Balochistan

Dr. Abdul Rahim : Executive District Officer (Health)		
Dr. Atta Muhammad : Deputy District Health Officer		
Dr. Allahnawaz Bugti : Superintendent		DHQ Dera Murai Jamali
Dr. Mahmood Rhan Limrani : Deputy District Health Officer		RHC Manjhoo Shori
Dr. Suleem Raza : MO		RHC Mir Wah
Dr. Talib Hussain : MO		BHU Sabz Ali Umrani
Dr. Abduleah Shah : MO		BHU Shah Pur
Dr. Abdul Jabur Lashari : MO		BHU Doulat Ghari
Dr. Muhammad Alclsv : MO		BHU Abdul Hameed Khosa
Dr. Abdul Whule : MO		BHU Kot Mangel
Mr. Amanullah : Dispenser		BHU Mir Hassan

⑪ District Khuzdar, Balochistan

Dr. Ilaki Bakhsh : Executive District Officer (Health)		
Dr. Mukhtar Ali Zehri : Deputy District Health officer		
Dr. Mohammad Din : Deputy District Health officer		
Dr. Khalil Ahmed : Superintendent		DHQ Khuzdar
Dr. Naseer Ahmed : Anesthesia Specialist		DHQ Khuzdar
Dr. Qurban Ali : Anesthesia Specialist		DHQ Khuzdar
Dr. M. Anwai : Physician		DHQ Khuzdar
Dr. Qamar Parvel : ENT Specialist		DHQ Khuzdar
Dr. Manzoor Ahmed : Pediatrician		DHQ Khuzdar
Dr. Shams Parvez : Eye Specialist		DHQ Khuzdar
Dr. Tahika Balah : MO		DHQ Khuzdar
Dr. Abdul Wahid : Assistant District Health Officer		RHC Wadh
Dr. Mohammad Ayoub : Assistant District Health Officer		RHC Zehir

Dr. Abodul Samad	: Dental Surgeon	RHC Zehir
Dr. Ahmed Khan	: Assistant District Health Officer	RHC Nall
Mr. Mohdsharif	: Dispenser	RHC Karkh
Dr. Asmatullah	: MO	BHU Baghbana
Dr. Farhat Ali	: MO	BHU Wahir

⑫ District Lasbela, Balochistan

Mr. Mohammad Hayat	: District Coordinator	
Dr. Abdul Haleem	: Executive District Officer (Health)	
Dr. Ghulam Qadir	: Superintendent	DHQ Uthal
Dr. Agha Mshaonnal Hussain	: ENT Specialist	DHQ Uthal
Dr. Syed Ali Alumed Shah	: Dental Surgeon	DHQ Uthal
Dr. Fida Hussan Golo	: MO	DHQ Uthal
Dr. Syed Ali Alumed Shah	: Dental Surgeon	DHQ Uthal
Dr. Ensanullah	: MO	DHQ Uthal
Dr. Fauzca Masoud	: LMO	DHQ Uthal
Dr. Abdul Reshid	: MO	RHC Bela
Dr. Ahmed Ali	: MO	RHC Dureji
Mr. Mohammad Ali	: Dispenser	RHC Lakhra
Dr. Younua	: MO	RHC Gaddani
Dr. Yasin Zehri	: MO	BHU Lung Luhor
Mr. Mohammad Hussain	: MMT	BHU Potha Goth
Ms. Mohammad Rafiq	: Nursing Ordinary	BHU Jam Yousuf Abad
Dr. Jathan Das	: MO	BHU Dam
Mr. Mohammad Yousuf	: Dispenser	BHU Goth Zaman
Dr. Mohammad Anwer All	: MO	BHU Winder
Mr. Mohammad Khan Shoukh	: Dispenser	BHU Fida Hussain Goth
Mr. Hohammad Amin	: Vaccinator	BHU Wayaro
Mr. Ghulam Rasool	: Vaccinator	BHU Liari

(3) Other

① UNICEF

Dr. Omar Abdi	: Representative	Islamabad Office
Dr. Mohammad Younas	: Project Officer	Quetta Office

② WHO

Dr. Rukhsana Rasfid	: National Training Officer	Islamabad Office
Dr. Tantisay	: Project Officer	
Dr. Rukhsewei	: Project Officer	

③ USAID

Dr. Samia W. Altaf	: Senior Health Adviser	
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④World Bank

Dr. Inaam Ul Haq : Senior Health Specialist

⑤ADB

Dr. Muhammad Yousaf Bizenjo : Project Coordinator of Women Health Project

Dr. Abdul Rasool Zehri : Deputy Project Coordinator of Women Health Project

4. Minutes of Discussion

4-1 Minutes of Discussion (Basic Design Study)

MINUTES OF DISCUSSIONS
ON THE BASIC DESIGN STUDY
ON THE PROJECT
FOR IMPROVEMENT OF BASIC HEALTH CARE SYSTEM IN BALOCHISTAN
IN THE ISLAMIC REPUBLIC OF PAKISTAN

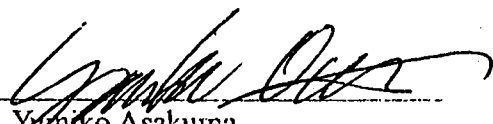
In response to a request from the Government of the Islamic Republic of Pakistan (hereinafter referred to as "Pakistan"), the Government of Japan decided to conduct a basic design study on the Project for Improvement of Basic Health Care System in Balochistan (hereinafter referred to as "the Project") and entrusted the study to the Japan International Cooperation Agency (hereinafter referred to as "JICA").

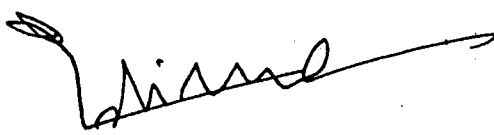
JICA sent the Basic Design Study Team (hereinafter referred to as "the Team"), which is headed by Ms. Yumiko Asakuma, Second Management Division, Grant Aid Management Department, Japan International Cooperation Agency, and is scheduled to stay in the country from 22nd of September to 24th of October, 2003.

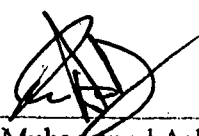
The Team held discussions with the officials concerned of the Government of Pakistan and conducted a field survey at the study area.


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.

Quetta, 21 October, 2003



Ms. Yumiko Asakuma
Leader
Basic Design Study Team
Japan International Cooperation Agency

Maj. (Rt) Nadir Ali
Additional Chief Secretary (Development)
Planning and Development Department
The Government of Balochistan
Islamic Republic of Pakistan

Mr. Muhammed Ashraf Khan
Joint Secretary
The Ministry of Economic Affairs and Statistics
The Government of the Islamic Republic of Pakistan

Dr. Manzoor Hussain
Additional Secretary
Health Department
The Government of Balochistan
Islamic Republic of Pakistan

ATTACHMENT

1. Objective of the Project

The objective of the Project is to improve the basic health care system in eight (8) target districts of Balochistan as mentioned below, through procurement of necessary equipment for Basic Health Units (hereinafter referred to as "BHUs"), Rural Health Centers (hereinafter referred to as "RHCs") and District Headquarter Hospitals (hereinafter referred to as "DHQs") in the districts.

2. Project Sites

The project sites are Quetta, Sibi, Bolan, Nasirabad, Jaffarabad, Kalat, Khuzdar and Lasbela districts of Balochistan.

3. Responsible and implementing agency

The responsible agency is Planning and Development Department, the Government of Balochistan.

The implementing agency is Health Department, the Government of Balochistan.

4. Items requested by the Government of Pakistan

After discussions with the Team as mentioned 7-9 below, the items described in Annex-1, which was recommended by the Team, were finally accepted and requested by the Pakistani side. JICA will assess the appropriateness of the request and will recommend to the Government of Japan for approval.

5. Japan's Grant Aid Scheme

5-1 The Pakistani side understands the Japan's Grant Aid Scheme explained by the Team, as described in Annex-2.

5-2 Pakistani side will take the necessary measures, as described in Annex-3, for smooth implementation of the Project, as a condition for the Japan's Grant Aid to be implemented.

6. Schedule of the Study

6-1 The consultants will proceed to conduct further studies in Pakistan until 24th of October, 2003.

- 6-2 JICA will prepare the draft report in English and dispatch a mission in order to explain its contents in December, 2003.
- 6-3 In case that the contents of the report is accepted in principle by the Government of Pakistan, JICA will complete the final report and send it to the Government of Pakistan around March, 2003.

7. Other relevant issues

- 7-1 The target institutions are BHUs, RHCs, and DHQs in the eight (8) districts in Balochistan, and are included in "The List of Health Institutions" printed on 23rd of February, 2003, which was submitted by Pakistani side to the Preliminary Study Team.

Only BHUs of the district Quetta and Kalat and RHCs of the district Quetta which will not have submitted the answers to the questionnaire to JICA Pakistan Office by 31st of October will be excluded out of the target institutions, since the Team can not examine their needs and situations.

- 7-2 Based on the result of the site survey, the Team indicated the following problems of medical institutions in Balochistan.

- lack of skilled human resources
- shortage of medicines, materials and reagents
- shortage of consumables for medical equipment
- budgetary shortage for maintenance
- inappropriate allocation of resources.

Pakistani side accepted them and agreed to address themselves to solve these problems. They also agreed to secure and allocate enough budgets and to operate and maintain the medical equipment supplied by the Grant Aid properly and effectively.

- 7-3 The equipment for all DHQs and RHCs will be delivered to the sites by the Grant Aid. The equipment for all BHUs will be transported to each district capital by the Grant Aid and will be handed to each BHU by Pakistani side within one month after the delivery to each district capital. Pakistani side will secure safety for Japanese nationals who will be engaged in equipment works. Pakistani side will get receipts for equipment from each BHU and submit them to the Japanese side. Both sides agreed that the means of delivery and supervision in disputed areas would be discussed by both sides on later stage.

- 7-4 Pakistani side agreed that they would renovate existing X-ray rooms so as to prevent X-ray from leakage in accordance with the Pakistani regulation(s). Pakistani side also agreed that all the waste from the medical facilities would be treated properly.
- 7-5 To avoid overlapping, when the Project is approved by the government of Japan, Pakistani side will not provide the same equipment to the target medical institutions by any means. In case the same equipment is planned or provided, the equipment will be excluded out of the Project.
- 7-6 To utilize the equipment mentioned as "Priority: C(1)" in Annex-1, Pakistani side has to arrange to fill the posts of not only mentioned below but also medical personnel trained in anesthesia in each DHQ.

DHQ Dhadar (Bolan): Obstetrics/Gynecologist

DHQ Kalat: Obstetrics/Gynecologist and Surgeon

DHQ Uthal (Lasbela): Surgeon

Pakistani side explained that they would train/post medical personnel in the DHQs for anesthesia. Pakistani side agreed that they would submit an official letter with a training plan to JICA Pakistan Office by 1st of December, 2003. In case Pakistani side has not submitted the letter by the time and/or above mentioned personnel have not been arranged by the draft final explanation, the equipment of said hospital(s) will be excluded out of the Project. The training plan will include the following information.

- Trainee's name
- Name of training institution(s)
- Course period (start-end)
- Training hours
- Practice (Number of each case; general anesthesia, spinal anesthesia, local anesthesia, etc.)
- Budget for training

Based on the result of the examination of the training plan, the Team will assess equipment procurement appropriateness.

- 7-7 The equipment mentioned as "Priority: Q" in Annex-1, the Team will conduct further examination and inspect equipment procurement appropriateness if the additional data requested by the Team will have been submitted to JICA Pakistan Office by 1st of December. In case Pakistani side has not submitted it by the time, the equipment will be excluded out of the Project.

7-8 Civil hospitals, Civil dispensaries and MCH centers which act like RHCs and BHUs in some areas of the districts are not included in the Project. Pakistani side mentioned that population served by these units would not be able to enjoy better health care services by these units would not be able to enjoy better health care services as envisaged in the project objectives, and these units needed inclusion in the Project and without this comprehensiveness of the Project would suffer.

The Team mentioned that including these institutions at this time was not possible. However, they also mentioned that the request by Pakistani side would be conveyed to the Japanese Government.

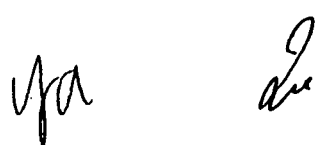
7-9 The Pakistani side expressed that the equipment which were mentioned as "Priority: D(4), D(5), D(6)" would be necessary to fulfill the local requirement and policy of Health Department and the equipment should be in the Project.



Annex-1: Items requested by the Pakistani side

Annex-2: Japan's Grant Aid Scheme

Annex-3: Major Undertakings to be taken by Each Government



Equipment List for BHU

No	Description	Priority
BHU - 1	Boiling Sterilizers (Litre, 100 litres)	under consideration (electric type)
BHU - 2	Pen Torches	under consideration
BHU - 3	Baby weighing scale	under consideration
BHU - 4	Height, Weighing scale	under consideration
BHU - 5	Fahrenheit Thermometers	under consideration
BHU - 6	First Aid set	under consideration
BHU - 7	Sphygmomanometer (Aneroid portable, Mercury stand)	under consideration
BHU - 8	Stethoscope	under consideration
BHU - 9	Fetoscope	under consideration
BHU - 10	Examination table	under consideration
BHU - 11	Cold box and vaccine carrier	under consideration
BHU - 12	Fridge (Electric, Kerosine Dual type)	under consideration (electric type)
BHU - 13	Lockable cupboards for medicines	under consideration
BHU - 14	Bowl, kidney dish, dressing tray	under consideration
BHU - 15	Delivery Table (Simple type)	under consideration
BHU - 16	Ambu bag (Adult, Infant)	under consideration (adult type)
BHU - 17	ENT Diagnostic set	under consideration
BHU - 18	Examination Light	under consideration
BHU - 19	Speculum for OBGY	under consideration
BHU - 20	I / V stand	under consideration
BHU - 21	Revolving stool	under consideration
BHU - 22	Screen (3 partition)	under consideration
BHU - 23	Oxygen cylinder with flowmeter and mask	under consideration
BHU - 24	Filtrate Water Tank	under consideration
BHU - 25	Basin Unit	under consideration

For the items mentioned "under consideration"

Proper items and numbers will be considered for each BHU based on the sight study result of the team members and number of questionnaire from each BHU.

The selection will be considered for the following condition:

- 1) Arranged skilled manpower
- 2) Infrastructure of institute
- 3) Institute activity (No. of patient, content of drug, sets and treatment etc.)
- 4) The number of existing equipment and consumable provided by themselves and the other donors
- 5) Operation and maintenance cost

Equipment List for RHC in Jaffarabad, Nasirabad and Bolan

NO	Description	Priority				
		Jaffarabad Rojan Jamali	Nasirabad Manjoo Shon	Nasirabad Mir Wah	Chattar	Bolan Chalgari
RHC - 1	Rolling Sterilizers (Electric, Kerosine)	B (electric)(2)	A (electric)	A (electric)	A (electric)	B (electric)(2)
RHC - 2	Pen Torches	A	A	A	A	A
RHC - 3	Baby weighing scale	A	A	A	A	A
RHC - 4	Height, Weighing scale	A (height, weighing)	A (height, weighing)	A (height, weighing)	A (height, weighing)	A (height, weighing)
RHC - 5	Fahrenheit Thermometers	A	A	A	A	A
RHC - 6	Minor surgery set	A	A	A	A	A
RHC - 7	21D and C set	D (5)	D (5)	D (5)	D (5)	D (5)
RHC - 8	Sphygmomanometer (Mercury stand)	A	A	A	A	A
RHC - 9	Stethoscope	A	A	A	A	A
RHC - 10	Examination table	A	A	A	A	A
RHC - 11	Cold box and vaccine carrier	D (3)	D (3)	D (3)	D (3)	A
RHC - 12	Fridge with AVR (Electric, kerosine)	D (3)	D (3)	D (3)	D (3)	A
RHC - 13	Portable cupboards for medicines	A	A	A	A	A
RHC - 14	Bowl, kidney dish, dressing tray (S.M.L)	A	A	A	A	A
RHC - 15	Delivery Table (Simple type)	A (adult)	A (adult)	A (adult)	D (5)	D (5)
RHC - 16	Ambu bag (Adult, Infant)	A (examination set for eye, ENT)	A (examination set for eye, ENT)	A (examination set for eye, ENT)	D (5)	A (examination set for eye, ENT)
RHC - 17	ENT Diagnostic set	B (2)	A	A	A	B (2)
RHC - 18	Examination Light	A	A	A	A	A
RHC - 19	Speculum for OBGY	A	A	A	A	A
RHC - 20	X-ray stand	A	A	A	A	A
RHC - 21	Revolving stool	A	A	A	A	A
RHC - 22	Bureau (3 partition)	D (3)	A	A	A	A
RHC - 23	Dental chair and accessories	D (5)	D (5)	D (5)	D (5)	D (5)
RHC - 24	Dental instrument	D (5)	D (5)	D (5)	D (5)	D (5)
RHC - 25	Dental bank facilities	D (5)	D (5)	D (5)	D (5)	D (5)
RHC - 26	Emergency surgery set	D (overlap RHC-6-1)	D (overlap RHC-6-1)	D (overlap RHC-6-1)	D (overlap RHC-6-1)	D (overlap RHC-6-1)
RHC - 27	Anesthesia machine (Pulse oximeter, BP)	D (3)	D (3)	D (3)	D (3)	D (3)
RHC - 28	Pulse Oximeter	D (5)	D (5)	D (5)	D (5)	D (5)
RHC - 29	Suction machine (Large & 2 Small)	B (small type 1pc)(2)	A (small type 1pc)	A (small type 1pc)	A (small type 1pc)	A (small type 1pc)
RHC - 30	Dialthermy	C (2)	C (2)	C (2)	C (2)	C (2)
RHC - 31	Generator and battery system (Up to 30KVA)	B (2)	D (4)	A	D (4)	D (4)
RHC - 32	Lab Equipment (Centrifuge, Refractometer, Microscope, Etc)	B (Centrifuge, Microscope)(2)	D (3)	D (3)	D (3)	D (3)
RHC - 33	Eye Diagnostic set	D (overlap RHC-17)	D (overlap RHC-17)	D (overlap RHC-17)	D (5)	D (overlap RHC-17)
RHC - 34	General surgery set	D (5)	D (5)	D (5)	D (5)	D (5)
RHC - 35	Gynae / Obs set	D (5)	D (5)	D (5)	D (5)	D (5)
RHC - 36	Autoclave Small (Electric, Kerosine Dual type)	C (2)	C (2)	D (5)	D (5)	D (5)
RHC - 37	Trolley for medicine	A	A	A	A	A
RHC - 38	Stretcher with Trolley	A	D (5)	A	A	A
RHC - 39	Mobile OT light with battery	D (5)	D (5)	D (5)	D (5)	D (5)
RHC - 40	OT table	D (5)	D (5)	D (5)	D (5)	D (5)

NO	Description	Priority					
		Jaffarabad Rojan Jamali	Marghoo Shon	Mir Wah	Chattar	Chalgari	Bolan
RHC - 41	X - ray machine and accessories	D (3)	D (5) (facility not available)	D (3)	D (5) (facility not available)	D (5) (facility not available)	D (5) (facility condition not clear)
RHC - 42	Vehicle for supervision	D (6)	D (6)	D (6)	D (6)	D (5)	D (6)
RHC - 43	Ambulance	A	D (4/5)	A	D (4/5)	A	D (not clear)
RHC - 44	Laryngoscope (Adult and Infant)	D (5)	D (5)	D (5)	D (5)	D (5)	D (5)
RHC - 45	Suckets	A	A	A	A	A	A
RHC - 46	Ultrasound	D (5)	D (5)	D (5)	D (5)	D (5)	D (5)
RHC - 47	Infant warmer	A (baby cot)	A (baby cot)	D (4/5)	D (4/5)	D (4/5)	D (not clear)
RHC - 48	ECG (3 channel)	D (4/5)	D (4/5)	D (4/5)	D (4/5)	D (4/5)	D (4/5)
RHC - 49	Wheel chair	A	D (5)	A	D (5)	D (5)	D (not clear)
RHC - 50	Sterilizing Unit	D (5)	D (5)	D (5)	D (5)	D (5)	D (5)
RHC - 51	Oxygen Cylinder with flow meter and Manis	D (3)	A	D (3)	A	A	D (not clear)
RHC - 52	Nebulizer	B (2)	A	A	A	A	A
RHC - 53	Private Water Tank	A	A	A	A	A	A
RHC - 54	Bus Unit	D (3)	A	A	D (3)	A	A

Equipment List for RHC in Sibi and Kalat

NG	Description	Priority				
		Lehi	Lehri	Talli	Shanigh	Kalat
RHC - 1	1 Rolling Sterilizers (Electric, Kerosine)	D(3)	A (Electric)	D(3)	A (Electric)	Gidar
RHC - 2	2 Pan Trolleys	A	A	A	A	A (Electric)
RHC - 3	3 Baby weighing scale	A	D(3)	D(3)	A	D(3)
RHC - 4	4 Height Weighing scale	A (height, weighing)	A (height, weighing)	A (height, weighing)	A (height, weighing)	A (height, weighing)
RHC - 5	5 Infantometer	A	A	A	A	A
RHC - 6	6 Infantometer	A	A	D(3)	A	A
RHC - 7	7 Infantometer	A	D(5)	D(5)	D(6)	D(3)
RHC - 8	8 Infantometer	A	A	D(3)	A	D(3)
RHC - 9	9 Infantometer	D(3)	A	D(3)	D(3)	A
RHC - 10	10 Infantometer	A	A	A	D(3)	A
RHC - 11	11 Examination table	D(3)	A	D(3)	D(3)	D(3)
RHC - 12	12 Cold box and vaccine carrier	D(3)	D(3)	D(3)	D(3)	D(3)
RHC - 13	13 Trays with A.V.C. (Kerosine)	D(3)	D(3)	D(3)	D(3)	D(3)
RHC - 14	14 Trays with A.V.C. (Kerosine)	D(3)	D(3)	D(3)	D(3)	D(3)
RHC - 15	15 Trays with A.V.C. (Kerosine)	D(3)	D(3)	D(3)	D(3)	D(3)
RHC - 16	16 Trays with A.V.C. (Kerosine)	A	A	D(3)	A	A
RHC - 17	17 Delivery table (Single infant)	D(6)	D(6)	D(3)	D(3)	A
RHC - 18	18 Delivery table (Single infant)	A (Adult)	A (Adult)	D(5)	A (Adult)	A (Adult)
RHC - 19	19 Delivery table (Single infant)	A (examination set for eye, ENT)	A (examination set for eye, ENT)	D(3)	A (examination set for eye, ENT)	A (examination set for eye, ENT)
RHC - 20	20 Examination table	A	A	A	A	A
RHC - 21	21 Examination table	D(5)	A	D(5)	A	A
RHC - 22	22 Examination table	A	A	D(3)	D(3)	A
RHC - 23	23 Examination table	A	A	D(3)	A	D(3)
RHC - 24	24 Examination table	A	A	A	D(3)	A
RHC - 25	25 Examination table	D(5)	A	D(4,5)	D(5)	A
RHC - 26	26 Examination table	D(5)	A	D(5)	D(5)	A
RHC - 27	27 Examination table	D(5)	D(5)	D(5)	D(5)	D(5)
RHC - 28	28 Examination table	D(5)	D(5)	D(5)	D(5)	D(5)
RHC - 29	29 Examination table	D(5)	D(5)	D(5)	D(5)	D(5)
RHC - 30	30 Examination table	D(5)	D(5)	D(5)	D(5)	D(5)
RHC - 31	31 Examination table	D(5)	D(5)	D(5)	D(5)	D(5)
RHC - 32	32 Examination table	D(5)	D(5)	D(5)	D(5)	D(5)
RHC - 33	33 Examination table	D(5)	D(5)	D(5)	D(5)	D(5)
RHC - 34	34 Examination table	D(5)	D(5)	D(5)	D(5)	D(5)
RHC - 35	35 Examination table	D(5)	D(5)	D(5)	D(5)	D(5)
RHC - 36	36 Examination table	D(5)	D(5)	D(5)	D(5)	D(5)
RHC - 37	37 Examination table	D(5)	D(5)	D(5)	D(5)	D(5)
RHC - 38	38 Examination table	D(5)	D(5)	D(5)	D(5)	D(5)
RHC - 39	39 Examination table	D(5)	D(5)	D(5)	D(5)	D(5)
RHC - 40	40 Examination table	D(5)	D(5)	D(5)	D(5)	D(5)
RHC - 41	41 Examination table	D(5)	D(5)	D(5)	D(5)	D(5)
RHC - 42	42 Examination table	D(5)	D(5)	D(5)	D(5)	D(5)
RHC - 43	43 Examination table	D(5)	D(5)	D(5)	D(5)	D(5)
RHC - 44	44 Examination table	D(5)	D(5)	D(5)	D(5)	D(5)
RHC - 45	45 Examination table	D(5)	D(5)	D(5)	D(5)	D(5)
RHC - 46	46 Examination table	D(5)	D(5)	D(5)	D(5)	D(5)
RHC - 47	47 Examination table	D(5)	D(5)	D(5)	D(5)	D(5)
RHC - 48	48 Examination table	D(5)	D(5)	D(5)	D(5)	D(5)
RHC - 49	49 Examination table	D(5)	D(5)	D(5)	D(5)	D(5)
RHC - 50	50 Examination table	D(5)	D(5)	D(5)	D(5)	D(5)
RHC - 51	51 Examination table	D(5)	D(5)	D(5)	D(5)	D(5)
RHC - 52	52 Examination table	D(5)	D(5)	D(5)	D(5)	D(5)
RHC - 53	53 Examination table	D(5)	D(5)	D(5)	D(5)	D(5)
RHC - 54	54 Examination table	D(5)	D(5)	D(5)	D(5)	D(5)
RHC - 55	55 Examination table	D(5)	D(5)	D(5)	D(5)	D(5)
RHC - 56	56 Examination table	D(5)	D(5)	D(5)	D(5)	D(5)
RHC - 57	57 Examination table	D(5)	D(5)	D(5)	D(5)	D(5)
RHC - 58	58 Examination table	D(5)	D(5)	D(5)	D(5)	D(5)
RHC - 59	59 Examination table	D(5)	D(5)	D(5)	D(5)	D(5)
RHC - 60	60 Examination table	D(5)	D(5)	D(5)	D(5)	D(5)
RHC - 61	61 Examination table	D(5)	D(5)	D(5)	D(5)	D(5)
RHC - 62	62 Examination table	D(5)	D(5)	D(5)	D(5)	D(5)
RHC - 63	63 Examination table	D(5)	D(5)	D(5)	D(5)	D(5)
RHC - 64	64 Examination table	D(5)	D(5)	D(5)	D(5)	D(5)
RHC - 65	65 Examination table	D(5)	D(5)	D(5)	D(5)	D(5)
RHC - 66	66 Examination table	D(5)	D(5)	D(5)	D(5)	D(5)
RHC - 67	67 Examination table	D(5)	D(5)	D(5)	D(5)	D(5)
RHC - 68	68 Examination table	D(5)	D(5)	D(5)	D(5)	D(5)
RHC - 69	69 Examination table	D(5)	D(5)	D(5)	D(5)	D(5)
RHC - 70	70 Examination table	D(5)	D(5)	D(5)	D(5)	D(5)
RHC - 71	71 Examination table	D(5)	D(5)	D(5)	D(5)	D(5)
RHC - 72	72 Examination table	D(5)	D(5)	D(5)	D(5)	D(5)
RHC - 73	73 Examination table	D(5)	D(5)	D(5)	D(5)	D(5)
RHC - 74	74 Examination table	D(5)	D(5)	D(5)	D(5)	D(5)
RHC - 75	75 Examination table	D(5)	D(5)	D(5)	D(5)	D(5)
RHC - 76	76 Examination table	D(5)	D(5)	D(5)	D(5)	D(5)
RHC - 77	77 Examination table	D(5)	D(5)	D(5)	D(5)	D(5)
RHC - 78	78 Examination table	D(5)	D(5)	D(5)	D(5)	D(5)
RHC - 79	79 Examination table	D(5)	D(5)	D(5)	D(5)	D(5)
RHC - 80	80 Examination table	D(5)	D(5)	D(5)	D(5)	D(5)
RHC - 81	81 Examination table	D(5)	D(5)	D(5)	D(5)	D(5)
RHC - 82	82 Examination table	D(5)	D(5)	D(5)	D(5)	D(5)
RHC - 83	83 Examination table	D(5)	D(5)	D(5)	D(5)	D(5)
RHC - 84	84 Examination table	D(5)	D(5)	D(5)	D(5)	D(5)
RHC - 85	85 Examination table	D(5)	D(5)	D(5)	D(5)	D(5)
RHC - 86	86 Examination table	D(5)	D(5)	D(5)	D(5)	D(5)
RHC - 87	87 Examination table	D(5)	D(5)	D(5)	D(5)	D(5)
RHC - 88	88 Examination table	D(5)	D(5)	D(5)	D(5)	D(5)
RHC - 89	89 Examination table	D(5)	D(5)	D(5)	D(5)	D(5)
RHC - 90	90 Examination table	D(5)	D(5)	D(5)	D(5)	D(5)
RHC - 91	91 Examination table	D(5)	D(5)	D(5)	D(5)	D(5)
RHC - 92	92 Examination table	D(5)	D(5)	D(5)	D(5)	D(5)
RHC - 93	93 Examination table	D(5)	D(5)	D(5)	D(5)	D(5)
RHC - 94	94 Examination table	D(5)	D(5)	D(5)	D(5)	D(5)
RHC - 95	95 Examination table	D(5)	D(5)	D(5)	D(5)	D(5)
RHC - 96	96 Examination table	D(5)	D(5)	D(5)	D(5)	D(5)
RHC - 97	97 Examination table	D(5)	D(5)	D(5)	D(5)	D(5)
RHC - 98	98 Examination table	D(5)	D(5)	D(5)	D(5)	D(5)
RHC - 99	99 Examination table	D(5)	D(5)	D(5)	D(5)	D(5)
RHC - 100	100 Examination table	D(5)	D(5)	D(5)	D(5)	D(5)

NO	Description	Priority							
		Sibi				Kalat			
		Lonj	Lehri	Talli	Sharigh	Zird Ghulamjan	Gidar		
RHC - 40	OT table	D(5)	D(5)	D(3)	D(3)	D(3)	D(3)	D(3)	
RHC - 41	X-ray machine and accessories	D(3)	A	D(6)	D(3)	D(3)	D(4)	D(4)	
RHC - 42	Vehicle for supervision	D(6)	D(6)	D(6)	D(6)	D(6)	D(3)	D(3)	
RHC - 43	Ambulance	D(4)(5)	A	D(13)	D(4.5)	A	D(4.5)	D(4.5)	
RHC - 44	Laryngoscope (Adult and infant)	D(5)	D(6)	D(6)	D(6)	D(6)	D(6)	D(6)	
RHC - 45	Buckets	D(3)	A	A	A	A	A	A	
RHC - 46	Ultrasonic	D(5)	D(5)	D(6)	D(5)	D(6)	D(6)	D(6)	
RHC - 47	Infant warmer	D(4.5)	D(4.5)	D(4.5)	D(4.5)	D(4)	D(4)	D(4)	
RHC - 48	CPAP (3 channel)	D(4.5)	D(4.5)	D(4.5)	D(4.5)	D(4.5)	D(4.5)	D(4.5)	
RHC - 49	Wheel chair	A	D(3)	D(3)	A	D(3)	D(3)	D(3)	
RHC - 50	Stethoscope	D(6)	D(3)	D(6)	D(5)	D(3)	D(3)	D(3)	
RHC - 51	Oxygen cylinder with accessories and mask	D(2)	A	D(3)	A	D(3)	A	A	
RHC - 52	Nebulizer	A	A	A	A	A	A	A	
RHC - 53	Infants Warmer Pack	D(3)	D(3)	D(3)	A	D(3)	D(3)	D(3)	
RHC - 54	Neon Unit	D(3)	D(3)	D(3)	A	D(3)	D(3)	D(3)	

Equipment List for RHC in Khuzdar and Lasbela

No	Description	Priority							
		Khuzdar				Lasbela			
		Zehri	Wadh	Nall	Karkh	Bela	Lakhra	Gaddani	Dureji
RHC - 1	Boiling Sterilizers (Electric, Kerosene)	A (Electric)	A (Electric)	A (Electric)	A (Gas type)	A (Electric)	A (Electric)	A (Electric)	D (3)
RHC - 2	Pen Torches	A	A	A	A	A	A	A	A
RHC - 3	Hand weighing scale	A	D (3)	A	A	D (3)	D (3)	A	D (5)
RHC - 4	Height Weighing scale	A (height, weighing)	A (height, weighing)	A (height, weighing)	A (height, weighing)	A (height, weighing)	A (height, weighing)	A (height, weighing)	A (height, weighing)
RHC - 5	Electrical Thermometers	A	A	A	A	A	A	A	A
RHC - 6-1	Water pump set	A	A	A	A	A	A	A	A
RHC - 6-2	D and C set	D (3)	D (3)	D (3)	D (3)	D (3)	D (3)	D (3)	D (3)
RHC - 7	Submarine generator (Machinery shop)	A	A	A	A	A	A	A	A
RHC - 8	Submarine generator	A	A	A	A	A	A	A	A
RHC - 9	Submarine generator	A	A	A	A	A	A	A	A
RHC - 10	Submarine generator	A	A	A	A	A	A	A	A
RHC - 11	Submarine generator	A	A	A	A	A	A	A	A
RHC - 12	Submarine generator	A	A	A	A	A	A	A	A
RHC - 13	Submarine generator	A	A	A	A	A	A	A	A
RHC - 14	Submarine generator	A	A	A	A	A	A	A	A
RHC - 15	Submarine generator	A	A	A	A	A	A	A	A
RHC - 16	Submarine generator	A	A	A	A	A	A	A	A
RHC - 17	Submarine generator	A	A	A	A	A	A	A	A
RHC - 18	Submarine generator	A	A	A	A	A	A	A	A
RHC - 19	Submarine generator	A	A	A	A	A	A	A	A
RHC - 20	Submarine generator	A	A	A	A	A	A	A	A
RHC - 21	Submarine generator	A	A	A	A	A	A	A	A
RHC - 22	Submarine generator	A	A	A	A	A	A	A	A
RHC - 23	Submarine generator	A	A	A	A	A	A	A	A
RHC - 24	Submarine generator	A	A	A	A	A	A	A	A
RHC - 25	Submarine generator	A	A	A	A	A	A	A	A
RHC - 26	Submarine generator	A	A	A	A	A	A	A	A
RHC - 27	Submarine generator	A	A	A	A	A	A	A	A
RHC - 28	Submarine generator	A	A	A	A	A	A	A	A
RHC - 29	Submarine generator	A	A	A	A	A	A	A	A
RHC - 30	Submarine generator	A	A	A	A	A	A	A	A
RHC - 31	Submarine generator	A	A	A	A	A	A	A	A
RHC - 32	Submarine generator	A	A	A	A	A	A	A	A
RHC - 33	Submarine generator	A	A	A	A	A	A	A	A
RHC - 34	Submarine generator	A	A	A	A	A	A	A	A
RHC - 35	Submarine generator	A	A	A	A	A	A	A	A
RHC - 36	Submarine generator	A	A	A	A	A	A	A	A
RHC - 37	Submarine generator	A	A	A	A	A	A	A	A
RHC - 38	Submarine generator	A	A	A	A	A	A	A	A

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NO	Description	Priority									
		Khuzdar					Lasbela				
		Zehri	Wadh	Hall	Karkh	Bela	Lakhra	Goddani	Dureji		
RHC - 39	Mobis OT light with battery	D (5)	D (5)	D (5)	D (5)	D (5)	D (5)	D (3)	D (5)		
RHC - 40	LOT table	D (3)	D (3)	D (5)	D (5)	D (5)	D (5)	D (3)	D (3)		
RHC - 41	X-ray machine and accessories	A	A	D (5)	D (5)	B It should be required Man power (3)	D (3)	D (3)	D (3)		
RHC - 42	Vehicle for supervisor	D (6)	D (6)	D (6)	D (6)	D (6)	D (6)	D (6)	D (6)		
RHC - 43	Ambulance	D (3)	D (3)	D (3)	A	A	D (4/5)	D (4/5)	D (3)		
RHC - 44	II average case / Adult and Infant	D (5)	D (5)	D (5)	D (5)	D (5)	D (5)	D (5)	D (5)		
RHC - 45	Busketa	A	A	A	A	A	A	A	A		
RHC - 46	UP ground	D (3)	D (3)	D (3)	D (3)	D (3)	D (3)	D (3)	D (3)		
RHC - 47	Infant warmer	A Baby cot	A Baby cot	A Baby cot	A Baby cot	A Baby cot	D (4/5)	D (4/5)	D (4/5)		
RHC - 48	ECG (3 channel)	D (3)	D (4/5)	D (4/5)	D (4/5)	D (3)	D (4/5)	D (4/5)	D (4/5)		
RHC - 49	Wheel chair	D (3)	D (1)	D (3)	D (1)	A	D (1)	D (1)	D (1)		
RHC - 50	Sterilizing Drum	D (3)	D (5)	D (5)	D (5)	D (3)	D (5)	D (3)	D (3)		
RHC - 51	Oxygen Cylinder with equipment and Mask	A	A	A	A	A	A	A	A		
RHC - 52	Refrigerator	A	A	A	A	A	A	A	A		
RHC - 53	Electric Water Tank	D (3)	D (3)	D (3)	D (3)	D (3)	D (3)	D (3)	D (3)		
RHC - 54	Boath Unit	D (3)	D (3)	D (3)	D (3)	D (3)	D (3)	D (3)	D (3)		

Equipment List for DHQ

NO	Description	Priority						
		Sibi	Bolan	Nasirabad	Jaffarabad	Kalat	Khuzdar	Lasbela
DHQ - 1	Boiling Sterilizers (Electric x 4, Kerosine x 2)	D (3)	A (electric)	A (electric)	A (electric)	A (electric)	A (electric)	D (3)
DHQ - 2	Pen Torches	D (3)	A	A	A	A	A	A
DHQ - 3	Baby weighing scale	A	A	A	A	D (3)	A	D (3)
DHQ - 4	Adult weighing scale	A (weight)	A (weight)	A (weight)	A (weight)	A (weight)	A (weight)	A (weight)
DHQ - 5	Height, Weighing scale	A (height)	A (height)	A (height)	A (height)	A (height)	A (height)	A (height)
DHQ - 6	Fahrenheit Thermometer	A	A	D (3)	A	A	A	A
DHQ - 7	Minor surgery Set (Needles, Needle-holders, Dissecting forceps, Suturing silk, Straight scissors, Claret, and Oxydite forceps)	A	A	A	A	A	A	A
DHQ - 8	Phrynomometer (Mercury stand)	A	A	A	A	A	A	A
DHQ - 9	Stethoscope	A	A	D (3)	A	A	A	A
DHQ - 10	Endoscope	A	A	D (3)	A	A	A	A
DHQ - 11	Examination table	A	A	A	A	D (3)	D (3)	A
DHQ - 12	Fridge with AVR	D (3)	A	A (Labo. drug store)	B (1)	D (3)	A	D (3)
DHQ - 13	Lockable cupboards for medicines	A	A	A	A	A	D (3)	D (3)
DHQ - 14	Bowl, kidney dish, dressing tray (3 M.L.)	D (3)	A	A	A	A	D (3)	A
DHQ - 15	Delivery Table (Simple type)	A	B (1)	A	D (supplied by ADE/3)	D (3)	D (3)	A
DHQ - 16	Ambo bag (Adult, Infant)	A (adult)	A (adult)	A (adult, infant)	A (adult)	A (infant)	A (adult, infant)	A (adult)
DHQ - 17	ENT Unit with endoscope	A	D (5)	D (5)	D (5)	D (5)	A	A
DHQ - 18	Examination light	A	A	A	A	A	A	A
DHQ - 19	Speculum for DSC	A	B (1)	A	A	A	D (3)	A
DHQ - 20	1 V stand	A	A	A	A	D (3)	D (3)	A
DHQ - 21	Reveling stool	A	A	A	A	D (3)	D (3)	A
DHQ - 22	Screen (3 partition)	A	A	A	A	A	D (3)	A
DHQ - 23	Dental chair and accessories	A	D (5)	D (3)	A	A	A	D (3)
DHQ - 24	Dental instrument	A	D (5)	A (extraction set)	A	A	A	D (3)
DHQ - 25	Blood bank facilities	D (3)	D (3)	D (3)	D (3)	D (3)	D (3)	A
DHQ - 26	Emergency surgery set	D (overlap DHQ-7)	D (overlap DHQ-7)	D (overlap DHQ-7)	D (overlap DHQ-7)	D (overlap DHQ-7)	D (overlap DHQ-7)	D (overlap DHQ-7)
DHQ - 27	Anesthesia machine with Ventilator	D (3)	C (1)	A	B (1)	D (3)	A	D (3)
DHQ - 28	BP, Pulse, Oxymeter	D (3)	C (1)	A	B (1)	C (1)	A	D (3)
DHQ - 29	Suction machine (Large x 4, Small x 2)	A	A	A	A	A	A	A
DHQ - 30	Diathermy	A	C (1)	A	B (1)	C (1)	A	C (1)
DHQ - 31	Generator and battery system (Up to 30KVA)	A	A	A	O	D (3)	D (3)	D (3)
DHQ - 32	Lab Equipment (Centrifuge, Refract meter, Microscope, Photocalorimeter, Etc)	D (3)	D (3)	D (3)	A (Centrifuge, Microscope)	D (3)	A (Centrifuge, Microscope)	D (3)
DHQ - 33	Eye Diagnostic set	D (3)	A (examination set for eye. ENT)	A (examination set for eye. ENT)	A (examination set for eye. ENT)	A (examination set for eye. ENT)	D (3)	A (examination set for eye. ENT)

NO	Description	Priority						
		Sibi	Bolan	Nasirabad	Jaffarabad	Kalat	Khuzdar	Lasbela
DHQ - 34	All surgery instrument set	A	D (5)	A	B (1)	C (1)	A	C (1)
DHQ - 35	Gynae Obs set (Including Caesarean)	A	B (1)(**) or C (1)(*)	B (1)(*)	B (1)(*)	B (1)(**) or C (1)(*)	A	D (5)
DHQ - 36	Autoclave Large (Electric, Kerosine Dual type)	A	D (3)	A	A	D (3)	C (2)	D (3)
DHQ - 37	Trolley for medicine	D (3)	A	D (3)	A	D (3)	A	A
DHQ - 38	Stretcher with Trolley	D (3)	A	A	A	A	A	A
DHQ - 39	Mobile OT light with battery	A	C (1)	A	D (supplied by ADB)(3)	C (1)	D (supplied by ADB)(3)	C (1)
DHQ - 40	OT light (ceiling type 2 arm)	D (3)	G (1)	A	B (1)	C (1)	D (3)	C (1)
DHQ - 41	OT table	D (3)	C (1)	D (3)	D (supplied by ADB)(3)	C (1)	D (supplied by ADB)(3)	C (1)
DHQ - 42	X-ray machine and accessories	A	D (3)	A	D (supplied by ADB)(3)	D (3)	D (supplied by ADB)(3)	D (3)
DHQ - 43	Vehicle for supervision	D (6)	D (6)	D (6)	D (6)	D (6)	D (6)	D (6)
DHQ - 44	Ambulance	A	A	A	A	A	A	D (3)
DHQ - 45	Laryngoscope (Adult and Infant)	A	A (adult)	A (adult, infant)	A (adult)	C (adult)(1)	A (adult, infant)	C (adult)(1)
DHQ - 46	Buckets	A	A	A	A	A	A	A
DHQ - 47	Ultrasound	D (1,5)	D (3)	D (3)	D (5)	D (3)	D (supplied by ADB)(3)	D (5)
DHQ - 48	Infant warmer	D (infant incubator)(3)	A (baby cot)	A (baby cot)	D (supplied by ADB)(3)	A (baby cot)	D (supplied by ADB)(3)	A (baby cot)
DHQ - 49	Infant incubator	A	D (4)	D (4)	D (4)	D (4)	D (4)	D (4)
DHQ - 50	ECG (3 channel)	D (3)	D (3)	D (3)	D (5)	A	A	D (3)
DHQ - 51	Surgical Drum	D (3)	D (3)	D (3)	D (3)	D (3)	A	D (3)
DHQ - 52	Laryngoscope (Adult and Infant)	D (overlap DHQ45)	D (overlap DHQ45)	D (overlap DHQ45)	D (overlap DHQ45)	D (overlap DHQ45)	D (overlap DHQ45)	D (overlap DHQ45)
DHQ - 53	Autopsy instrument	D (7)	D (7)	D (7)	D (7)	D (7)	D (7)	D (7)
DHQ - 54	Wheel chair	D (3)	D (3)	D (3)	D (3)	D (3)	A	D (3)
DHQ - 55	Oxygen Cylinder with flowmeter and Mask	A	A	D (3)	A	D (3)	A	D (3)
DHQ - 56	Nebulizer	A	A	A	D (supplied by ADB)(3)	A	D (supplied by ADB)(3)	A
DHQ - 57	Basin Unit	D (3)	D (3)	D (3)	D (3)	D (3)	D (3)	D (3)
DHQ - 58	Patient Monitor	D (3)	C (ECG monitor) (1)	A (ECG monitor)	B (ECG monitor) (1)	D (3)	A (ECG monitor)	C (ECG monitor)(1)
DHQ - 59	Defibrillator	D (3)	D (5)	A	D (5)	D (3)	D (5)	D (5)
DHQ - 60	Infusion Pump	D (4)	D (4)	D (4)	D (4)	D (4)	D (4)	D (4)
DHQ - 61	Syringe Pump	D (4)	D (4)	D (4)	D (4)	D (4)	D (4)	D (4)
Additional								
ADD-1	Water pump	A	-	-	-	-	-	-
ADD-2	Plaster cutter	A	A	A	A	A	A	A
ADD-3	Water distillation unit	A	-	A	A	A	A	A

Remark:

DHQ-35 Gynae Obs set (Including Caesarean)

(*) delivery forceps set + vacuum extraction set + caesarean

(**) delivery forceps set + vacuum extraction set

NOTE

※Priority:

A: Essential.

B: Essential

(1) if following manpower is arranged by the draft final explanation.

DHQ Dhadar (Bolan): Obstetrics/Gynecologist

DHQ Dera Murad Jamali (Nasirabad): Obstetrics/Gynecologist

DHQ Dera Allah Yar (Jaffarabad): Obstetrics/Gynecologist and Surgeon

DHQ Kalat: Obstetrics/Gynecologist

(2) if power supply is arranged by the draft final explanation.

(3) if an X-ray technician is arranged by the draft final explanation.

C: Under Examination.

(1) [see 7-6 of the Minutes of Discussions]

(2) The Team will conduct further examination and inspect equipment procurement appropriateness.

D: Not Necessary

(1) because existing equipment have not maintained properly.

(2) because consumables for existing equipment have not procured regularly.

(3) because there exists the same kind equipment in working order or because the same equipment will be procured by other donor agencies.

(4) because operation and maintenance cost will increase extremely.

(5) because there are no working operators who have well trained.

(6) because the equipment does not meet function of the institution, even though there is a well trained working operator in the institution.

(7) because the equipment will not contribute to improvement of basic health care.

Q: Not Clear[see 7-7 of the Minutes of Discussions]

※Equipment lists for RHC Kuchlak and RHC Sorreng Coal in Quetta district are not included, as they have not submitted the answers for the questionnaire yet, therefore the Team could not examine their needs and situations. [see 7-1 of the Minutes of Discussions]

※Quantity of each item of equipment will be examined.

Japan's Grant Aid Program

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

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.

Major Undertakings to be taken by Each Government

NO	Items	To be covered by Grant Aid	To be covered by Recipient side
1	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		•
2	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 custom clearance of the products at the port of disembarkation		•
	3) Internal transportation from the port of disembarkation to the project site	(•)	(•)
3	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		•
4	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		•
5	To maintain and use properly and effectively the facilities constructed and equipment provided under the Grant Aid		•
6	To bear all the expenses, other than those to be borne by the Grant Aid, necessary for the transportation and installation of the equipment		•

4-2 Minutes of Discussion (Draft Final Report Explanation)

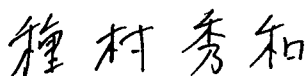
MINUTES OF DISCUSSIONS
ON THE BASIC DESIGN STUDY
ON THE PROJECT
FOR IMPROVEMENT OF BASIC HEALTH CARE SYSTEM IN BALOCHISTAN
IN THE ISLAMIC REPUBLIC OF PAKISTAN
(EXPLANATION ON DRAFT REPORT)

In September 2003, the Japan International Cooperation Agency (hereinafter referred to as "JICA") dispatched the Basic Design Study Team on the Project for Improvement of Basic Health Care System in Balochistan (hereinafter referred to as "the Project") to the Islamic Republic of Pakistan (hereinafter referred to as "Pakistan"), and through discussion, field survey, and technical examination of the results in Japan, JICA prepared a draft report of the Study.

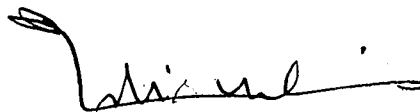
In order to explain to and consult with the Pakistan on components of the draft report, JICA sent to Pakistan the Draft Report Explanation Team (hereinafter referred to as "the Team"), which is headed by Mr. Hidekazu Tanemura, Deputy Resident Representative of JICA Pakistan Office, JICA, from 11th to 22nd of December, 2003.

As a result of discussions, 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.

Quetta, 20 December, 2003



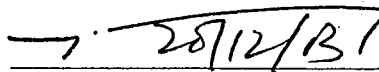
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Secretary Health
The Government of Balochistan
Islamic Republic of Pakistan

ATTACHMENT

1. Components of the Draft Report

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

The list of equipment is attached to Annex-1.

The final decision will be made by the Government of Japan based on the examination of the result of the Basic Design Study.

2. Japan's Grant Aid scheme

The Pakistani side understands the Japan's Grant Aid Scheme and the necessary measures to be taken by the Government of Pakistan as explained by the Team and described in Annex-2 and Annex-3 of the Minutes of Discussions signed by both parties on 21st of October, 2003.

3. Schedule of the Study

JICA will complete the final report in accordance with the confirmed items and send it to the Government of Pakistan in March 2004.

4. Other relevant issues

- 4-1 The Pakistani side understands that the Project will be executed in a manner described in the basic design report. The Project modifications will not be requested unless any unpredicted circumstances arise.
- 4-2 Both sides confirmed that the equipment specifications and the other technical information shall be confidential before the tender to be held in the implementation stage of the Project.
- 4-3 The Pakistani side agreed to take necessary measures for the implementation of the Project as mentioned in Annex-2.
- 4-4 To avoid overlapping, when the Project is approved by the Government of Japan, Pakistani side will not provide the same equipment to the target medical institutions by any means.
- 4-5 All equipment for DHQs and RHCs other than ambulances will be delivered to the sites through the Grant Aid. Both sides agreed that the ambulances for DHQs and



RHCs would be handed to Pakistani side at Karachi, and be driven to the site by the Pakistani side. The equipment for all BHUs except EPI fridges will be transported to each district headquarter under the Grant Aid and will be handed to each BHU by Pakistani side within one month after the delivery to each district headquarter. Pakistani side will get receipts for equipment from each BHU and submit them to the JICA Pakistan office. For EPI fridges of BHUs, they will be delivered to 10 BHUs under the Grant Aid.

- 4-6 Pakistani side will secure safety for Japanese nationals who will be engaged in equipment works. Both sides agreed that the means of delivery and supervision would be reconsidered, if the security situation is not favorable.
- 4-7 The equipment will be used properly in accordance with its purposes.
- 4-8 The target districts are Quetta, Bolan, Sibi, Nasirabad, Jaffarabad, Kalat, Khuzdar and Lasbela in Balochistan. For Jaffarabad and Khuzdar districts, Pakistani side will not procure the same equipment from the Asian Development Bank loan through Women's Health Project, that will be procured under the Grant Aid.
- 4-9 For Priority B and C(1) items of equipment as shown as Annex-3: List of pending items of equipment, Pakistani side requested that such items would be included in the Project with the condition that the health department will submit to the JICA Pakistan office a photocopy of notification and a joining report of doctors from M/S of DHQ by 5th of January 2004. Also, Pakistani side agreed that those items would be excluded from the Project without any notice to Pakistani side unless the required documents are submitted to the JICA Pakistan office by the said date.
- 4-10 Pakistani side agreed that training for anesthesia to nominated M/Os would be completed before arrival of the equipment to the Project sites. The training plan with a list of nominees is attached as Annex-4. Pakistani side explained to the Team the budgetary measures necessary for the training implementation attached as Annex-4.
- 4-11 Pakistani side will have PC-1 approved by CDWP and ECNEC at least before the end of February 2004.

Annex-1: List of Equipment

Annex-2: Undertakings to be taken by the Government of Pakistan

Annex-3: List of Pending Items of Equipment

Annex-4: Training Plan with a List of Nominees / Budgetary Measures for the Training Plan



For BHU

No.	Description	Remark	Q'ty							
			Quetta	Sibi	Bolan	Nasirabad	Jaffarabad	Kalat	Khuzdar	Lasbela
BHU - 1	Boiling Sterilizers (Electric, Kerosene)	(electric type)	33	18	9	11	18	5	5	8
BHU - 2	Pen Torches		72	40	26	22	48	24	44	74
BHU - 3	Baby weighing scale		36	20	13	11	24	12	22	37
BHU - 4	Height, Weighing scale		36	20	13	11	24	12	22	37
BHU - 5	Fahrenheit Thermometers		144	80	52	44	96	48	88	148
BHU - 6	First Aid set		36	20	13	11	24	12	22	37
BHU - 7	Sphygmomanometer (Aneroid portable)		36	20	13	11	24	12	22	37
	Sphygmomanometer (Mercury stand)	(Mercury desk top)	36	20	13	11	24	12	22	37
BHU - 8	Stethoscope		36	20	13	11	24	12	22	37
BHU - 9	Fetoscope		36	19	13	11	22	5	22	31
BHU - 10	Examination table		36	20	13	11	24	12	22	37
BHU - 11	Cold box and vaccine carrier		0	1	2	2	2	0	1	2
BHU - 12	Fridge (Electric, Kerosine Dual type)	(electric type)	0	1	2	2	2	0	1	2
BHU - 13	Lockable cupboards for medicines		36	20	13	11	24	12	22	37
BHU - 14	Bowl, kidney dish, dressing tray		72	40	26	22	48	24	44	74
BHU - 15	Delivery Table (Simple type)		34	18	12	9	18	3	21	30
BHU - 16	Ambu bag (Adult, Infant)	(adult type)	32	9	3	8	22	4	13	18
BHU - 17	ENT Diagnostic set	(examination set for eye, ENT)	32	9	3	8	22	4	13	18
BHU - 18	Examination Light		33	18	9	11	18	5	5	8
BHU - 19	Speculum for OBGY		36	19	13	11	22	5	22	31
BHU - 20	I / V stand		36	20	13	11	24	12	22	37
BHU - 21	Revolving stool		72	40	26	22	48	24	44	74
BHU - 22	Screen (3 partition)		72	40	26	22	48	24	44	74
BHU - 23	Oxygen cylinder with flowmeter and mask		36	20	13	11	24	12	22	37
BHU - 24	Filtrate Water Tank	(water tank)	36	20	13	11	24	12	22	37
BHU - 25	Basin Unit		36	20	13	11	24	12	22	37

No.	Description	Leri			Sibi			Taili			Sharigh			Zird Ghulamian			Kalat			Kuchlak			Quetta	
		Q'ty	Remark	Q'ty	Remark	Q'ty	Remark	Q'ty	Remark	Q'ty	Remark	Q'ty	Remark	Q'ty	Remark	Q'ty	Remark	Q'ty	Remark	Q'ty	Remark	Q'ty	Remark	
RHC - 1	Boiling Sterilizers (Electric)	-		2		-		-		2		-		-		-		-		2		-		
	Boiling Sterilizers (Kerosine)	-		-		-		-		-		-		-		-		-		-		-		
RHC - 2	Pen Torches	1		1		1		1		1		2		2		2		4		3		-		
RHC - 3	Baby weighing scale	1		-		-		-		1		-		-		-		1		1		1		
RHC - 4	Height, Weighing scale	1		1		1		1		1		1		1		1		1		1		1		
RHC - 5	Fahrenheit Thermometers	12		12		12		12		12		12		12		12		12		12		12		
RHC - 6-1	Minor surgery set	2		3		-		-		2		2		2		2		2		2		2		
RHC - 7	Sphygmomanometer (Mercury stand)	1	(mercury desk top)	1	(mercury desk top)	-		-		2	(mercury desk top)	-		-		-		4	(mercury desk top)	3		3	(mercury desk top)	
RHC - 8	Stethoscope	-		2		-		-		-		3		3		3		4		3		3		
RHC - 9	Fetoscope	2		2		2		-		-		1		2		2		2		2		2		
RHC - 10	Examination table	-		1		-		-		-		-		-		-		2		3		-		
RHC - 11	Cold box and vaccine carrier	-		-		-		-		-		-		-		-		-		-		-		
RHC - 12	Fridge with AVR (Electric)	-		-		-		-		-		-		-		-		-		-		-		
RHC - 13	Fridge with AVR (Kerosine)	-		-		-		-		-		-		-		-		-		-		-		
RHC - 14	Lockable cupboards for medicines	-		-		-		-		-		-		-		-		2		3		3		
RHC - 15	Bowl, kidney dish, dressing tray (S. M. L)	1		1		-		-		-		1		1		1		1		3		3		
RHC - 16	Delivery Table (Simple type)	-		-		-		-		-		-		-		-		-		-		-		
RHC - 17	Ambu bag (Adult)	1		1		-		-		1		1		1		1		1		1		1		
RHC - 18	Ambu bag (Infant)	-		-		-		-		-		-		-		-		-		-		-		
RHC - 19	ENT Diagnostic set	1	(examination set for. eye, ENT)	1	(examination set for. eye, ENT)	-		-		1	(examination set for. eye, ENT)	1	(examination set for. eye, ENT)	1	(examination set for. eye, ENT)	1	(examination set for. eye, ENT)	1	(examination set for. eye, ENT)	1	(examination set for. eye, ENT)	1	(examination set for. eye, ENT)	
RHC - 20	Examination Light	2		1		2		2		2		2		2		2		2		3		3		
RHC - 21	Speculum for OBGY	-		1		-		-		1		-		-		3		3		1		1		
RHC - 22	Revolving stool	1		1		-		-		1		-		-		4		4		3		3		
RHC - 23	Screen (3 partition)	2		1		1		2		2		2		2		4		4		4		4		
RHC - 24	Dental chair and accessories	1		1		1		1		1		1		1		2		2		4		4		
RHC - 25	Dental instrument	-		2		-		-		-		-		-		1		1		-		-		
RHC - 26	Suction machine (Large x 2)	-		-		-		-		-		-		-		-		-		-		-		
RHC - 27	Suction machine (Small x 1)	-		-		-		-		-		-		-		-		-		-		-		
RHC - 28	Diathermy	-		-		-		-		1		-		-		-		-		1		1		
RHC - 29	Generator and battery system (Up to 30KVA)	-		-		-		-		-		-		-		-		-		-		-		
RHC - 30	Lab Equipment (Centrifuge)	-		1		-		-		-		-		-		-		-		-		-		
RHC - 31	Lab Equipment (Refract meter)	-		-		-		-		-		-		-		-		-		-		-		
RHC - 32	Lab Equipment (Microscope)	-		-		-		-		-		-		-		-		-		-		-		
RHC - 33	Gynae / Obs set	-		-		-		-		-		-		-		-		-		-		-		
RHC - 34	Trolley for medicine	-		2		-		-		-		-		-		-		-		-		-		
RHC - 35	Stretcher with Trolley	1		1		-		-		1		-		-		4		4		3		3		
RHC - 36	X - ray machine and accessories	-		1		-		-		-		-		-		1		1		1		1		
RHC - 37	Ambulance	-		1		-		-		-		-		-		-		-		-		-		
RHC - 38	Buckets	-		1		2		2		3		3		3		3		3		3		3		
RHC - 39	Infant warmer	-		-		-		-		-		-		-		-		-		-		-		
RHC - 40	Wheel chair	1		-		-		-		1		-		-		-		-		-		-		
RHC - 41	Oxygen Cylinder with flowmeter and Mask	-		1		1		1		1		-		-		-		-		-		-		
RHC - 42	Nebulizer	1		1		1		1		1		1		1		1		1		1		1		
RHC - 43	Filtrate Water Tank	-		-		-		-		1	(water tank)	1	(water tank)	1	(water tank)	1	(water tank)	1	(water tank)	1	(water tank)	1	(water tank)	
RHC - 44	Basin Unit	-		-		-		-		2		-		-		-		-		2		2		

No.	Description	Jaffarabad Rojan Jamali		Manjhuo Shori		Nasirabad Mir Wah		Chattar		Chalgari		Bolan	
		Q'ty	Remark	Q'ty	Remark	Q'ty	Remark	Q'ty	Remark	Q'ty	Remark	Q'ty	Remark
RHC - 1	Boiling Sterilizers (Electric)	2		2		2		1		-		2	
RHC - 2	Boiling Sterilizers (Kerosine)	-		-		-		-		-		-	
RHC - 3	Pen Torches	3		1		3		1		1		1	
RHC - 4	Baby weighing scale	1		1		1		1		1		1	
RHC - 5	Height Weighing scale	1		1		1		1		1		1	
RHC - 6	Fahrenheit Thermometers	12		12		12		12		12		12	
RHC - 7	Minor surgery set	2		2		2		2		2		2	
RHC - 8	Sphygmomanometer (Mercury stand)	6	(Mercury desk top)	1	(Mercury desk top)	1	(Mercury desk top)	1	(Mercury desk top)	1	(Mercury desk top)	1	(Mercury desk top)
RHC - 9	Stethoscope	1		1		1		1		1		1	
RHC - 10	Fotoscope	1		1		1		1		1		1	
RHC - 11	Examination table	2		2		2		2		2		2	
RHC - 12	Cold box and vaccine carrier	-		-		-		-		-		-	
RHC - 13	Fridge with AVR (Electric)	-		-		-		-		-		-	
RHC - 14	Fridge with AVR (Kerosine)	-		-		-		-		-		-	
RHC - 15	Lockable cupboards for medicines	3		3		3		3		3		3	
RHC - 16	Bowl, kidney dish, dressing tray (S.M.L)	3		3		3		3		3		3	
RHC - 17	Delivery Table (Simple type)	1		1		1		1		1		1	
RHC - 18	Ambu bag (Adult)	1		1		1		1		1		1	
RHC - 19	Ambu bag (Infant)	-		-		-		-		-		-	
RHC - 20	ENT Diagnostic set	1	(examination set for eye, ENT)	1	(examination set for eye, ENT)	1	(examination set for eye, ENT)	-		-		1	(examination set for eye, ENT)
RHC - 21	Examination Light	2		2		2		2		-		2	
RHC - 22	Speculum for OBGY	1		1		1		1		-		1	
RHC - 23	V stand	5		2		2		2		2		2	
RHC - 24	Revolving stool	4		2		2		2		2		2	
RHC - 25	Screen (3 partition)	-		-		-		-		-		-	
RHC - 26	Dental chair and accessories	-		-		-		-		-		-	
RHC - 27	Dental instrument	-		-		-		-		-		-	
RHC - 28	Suction machine (Large x2)	-		-		-		-		-		-	
RHC - 29	Suction machine (Small x1)	1		1		1		1		-		1	
RHC - 30	Diathermy	-		-		-		-		-		-	
RHC - 31	Generator and battery system (Up to 30KVA)	1	(20KVA)	-		1	(20KVA)	-		-		-	
RHC - 32	Lab Equipment (Centrifuge)	1		-		-		-		-		-	
RHC - 33	Lab Equipment (Refract meter)	-		-		-		-		-		-	
RHC - 34	Lab Equipment (Microscope)	1		-		-		-		-		-	
RHC - 35	Gynae / Obs set	-		-		-		-		-		-	
RHC - 36	Trolley for medicine	2		2		2		1		-		3	
RHC - 37	Stretcher with Trolley	1		-		-		-		-		-	
RHC - 38	X-ray machine and accessories	-		-		-		-		-		-	
RHC - 39	Ambulance	1		-		-		-		-		-	
RHC - 40	Buckets	3		2		2		3		-		2	
RHC - 41	Infant warmer	1	(baby cot)	1	(baby cot)	1	(baby cot)	-		-		-	
RHC - 42	Wheel chair	1		-		-		-		-		-	
RHC - 43	Oxygen Cylinder with flowmeter and Mask	-		1		1		1		-		1	
RHC - 44	Nebulizer	1		1		1		1		-		1	
RHC - 45	Filtrate Water Tank	1	(water tank)	1	(water tank)	1	(water tank)	1	(water tank)	1	(water tank)	1	(water tank)
RHC - 46	Basin Unit	-		2		2		-		-		2	

No.	Description	Zehri			Wadh			Nail			Karkh			Bela			Lakhra			Lasbela			Dureji		
		Q'ty	Remark	Q'ty	Remark	Q'ty	Remark	Q'ty	Remark	Q'ty	Remark	Q'ty	Remark	Q'ty	Remark	Q'ty	Remark	Q'ty	Remark	Q'ty	Remark	Q'ty	Remark	Q'ty	Remark
RHC - 1	Boiling Sterilizers (Electric)	2		2		2		2		2		2		2		2		2		2		2		2	
RHC - 2	Boiling Sterilizers (Kerosine)	-		-		-		-		-		-		-		-		-		-		-		-	
RHC - 3	Pen Torches	6		7		7		4		4		3		2		2		4		1		1		2	
RHC - 4	Baby weighing scale	1		-		-		1		1		1		-		-		-		-		-		-	
RHC - 5	Height, Weighing scale	1		1		1		1		1		1		1		1		1		1		1		1	
RHC - 6-1	Fahrenheit Thermometers	12		12		12		3		3		3		2		2		4		1		1		1	
RHC - 7	Minor surgery set	2		2		2		2		2		2		2		2		2		2		2		2	
RHC - 8	Sphygmomanometer (Mercury stand)	6		6		6		6		6		6		6		6		6		6		6		6	
RHC - 9	Stethoscope	1		1		1		1		1		1		1		1		1		1		1		1	
RHC - 10	Examination table	3		3		3		3		3		3		3		3		3		3		3		3	
RHC - 11	Cold box and vaccine carrier	-		-		-		-		-		-		-		-		-		-		-		-	
RHC - 12	Fridge with AVR (Electric)	1		1		1		1		1		1		1		1		1		1		1		1	
RHC - 13	Fridge with AVR (Kerosine)	-		-		-		-		-		-		-		-		-		-		-		-	
RHC - 14	Lockable cupboards for medicines	3		3		3		3		3		3		3		3		3		3		3		3	
RHC - 15	Bowl, kidney dish, dressing tray (S. M. L.)	3		3		3		3		3		3		3		3		3		3		3		3	
RHC - 16	Delivery Table (Simple type)	1		1		1		1		1		1		1		1		1		1		1		1	
RHC - 17	Ambu bag (Adult)	1		1		1		1		1		1		1		1		1		1		1		1	
RHC - 18	Ambu bag (Infant)	-		-		-		-		-		-		-		-		-		-		-		-	
RHC - 19	ENT Diagnostic set	1		1		1		1		1		1		1		1		1		1		1		1	
RHC - 20	Examination Light	4		4		4		4		4		4		4		4		4		4		4		4	
RHC - 21	Speculum for OBGY	1		1		1		1		1		1		1		1		1		1		1		1	
RHC - 22	V stand	5		5		5		5		5		5		5		5		5		5		5		5	
RHC - 23	Revolving stool	6		6		6		6		6		6		6		6		6		6		6		6	
RHC - 24	Screen (3 partition)	3		3		3		3		3		3		3		3		3		3		3		3	
RHC - 25	Dental instrument	-		-		-		-		-		-		-		-		-		-		-		-	
RHC - 26	Suction machine (Large x 2)	1		1		1		1		1		1		1		1		1		1		1		1	
RHC - 27	Suction machine (Small x 1)	-		-		-		-		-		-		-		-		-		-		-		-	
RHC - 28	Diathermy	1		1		1		1		1		1		1		1		1		1		1		1	
RHC - 29	Generator and battery system (Up to 30KVA)	1		1		1		1		1		1		1		1		1		1		1		1	
RHC - 30	Lab Equipment (Centrifuge)	1		1		1		1		1		1		1		1		1		1		1		1	
RHC - 31	Lab Equipment (Refract meter)	-		-		-		-		-		-		-		-		-		-		-		-	
RHC - 32	Lab Equipment (Microscope)	-		-		-		-		-		-		-		-		-		-		-		-	
RHC - 33	Gynae / Obs set	3		3		3		3		3		3		3		3		3		3		3		3	
RHC - 34	Trolley for medicine	1		1		1		1		1		1		1		1		1		1		1		1	
RHC - 35	Stretcher with Trolley	1		1		1		1		1		1		1		1		1		1		1		1	
RHC - 36	41X - ray machine and accessories	1		1		1		1		1		1		1		1		1		1		1		1	
RHC - 37	Ambulance	-		-		-		-		-		-		-		-		-		-		-		-	
RHC - 38	Buckets	3		3		3		3		3		3		3		3		3		3		3		3	
RHC - 39	Infant warmer	1		1		1		1		1		1		1		1		1		1		1		1	
RHC - 40	Wheel chair	1		1		1		1		1		1		1		1		1		1		1		1	
RHC - 41	Oxygen Cylinder with flowmeter and Mask	1		1		1		1		1		1		1		1		1		1		1		1	
RHC - 42	Nebulizer	1		1		1		1		1		1		1		1		1		1		1		1	
RHC - 43	Filtrate Water Tank	-		-		-		-		-		-		-		-		-		-		-		-	
RHC - 44	Basin Unit	-		-		-		-		-		-		-		-		-		-		-		-	

No.	Description	Sibi		Boln		Nasirabad		Jaffarabad		Kalat		Khuzdar		Lasbela	
		Q'ty	Remark	Q'ty	Remark	Q'ty	Remark	Q'ty	Remark	Q'ty	Remark	Q'ty	Remark	Q'ty	Remark
DHQ - 1	Boiling Sterilizers (Electric x 4)	-		4		4		4		5		4		-	
DHQ - 2	Boiling Sterilizers (Kerosine x 2)	-		-		-		-		-		-		-	
DHQ - 3	Pen Torches	-		5		10		8		1		10		7	
DHQ - 4	Baby weighing scale	2		1		1		1		-		2		-	
DHQ - 5	Adult weighing scale	1	(weight)	1	(weight)	1	(weight)	1	(weight)	1	(weight)	2	(weight)	1	(weight)
DHQ - 6	Height, Weighing scale	1	(height)	1	(height)	1	(height)	1	(height)	1	(height)	1	(height)	1	(height)
DHQ - 7	Fahrenheit Thermometers	6		10		-		10		4		20		20	
DHQ - 8	Minor surgery Set (Needles, Needle-holders, Dissecting forceps, Suturing silk, Straight scissors, Cullet, and Crocodile forceps)	3		2		2		2		2		2		1	
DHQ - 9	Sphygmomanometer (Mercury stand)	3	(Mercury stand, desk top)	5	(Mercury stand, desk top)	6	(Mercury stand, desk top)	8	(Mercury stand, desk top)	1	(Mercury stand, desk top)	12	(Mercury stand, desk top)	2	(Mercury stand, desk top)
DHQ - 10	Stethoscope	2		5		-		2		2		2		2	
DHQ - 11	Fetoscope	1		2		-		2		2		1		1	
DHQ - 12	Examination table	2		4		5		2		-		-		2	
DHQ - 13	Fridge with AVR	-		2		2	(Labo. drug store)	B(1)		-		3		-	
DHQ - 14	Lockable cupboards for medicines	1		8		5		4		3		-		-	
DHQ - 15	Bowl, kidney dish, dressing tray (S. M. L)	-		2		2		6		1		-		2	
DHQ - 16	Delivery Table (Simple type)	1		B(1)		1		-		-		-		1	
DHQ - 17	Ambu bag (Adult)	2		1		1		1		-		1		1	
DHQ - 18	Ambu bag (Infant)	-		-		1		-		2		1		-	
DHQ - 19	ENT Unit with accessories	1		-		-		-		-		1		1	
DHQ - 20	Examination Light	2		3		3		2		3		1		3	
DHQ - 21	Speculum for OBGY	10		B(1)		2		2		10		-		1	
DHQ - 22	I / V stand	5		10		4		9		-		-		5	
DHQ - 23	Revolving stool	3		5		7		8		-		-		10	
DHQ - 24	Screen (3 partition)	1		10		4		10		1		-		2	
DHQ - 25	Dental chair and accessories	1		-		-		1		1		1		-	
DHQ - 26	Dental instrument	2		-		1	(extraction set)	1		2		1		-	
DHQ - 27	Blood bank facilities	-		-		-		-		-		-		-	
DHQ - 28	Anesthesia machine with Ventilator	-		C(1)		1		B(1)		-		1		1	
DHQ - 29	BP, Pulse Oxymeter	-		C(1)		1		B(1)		C(1)		1		-	
DHQ - 30	Suction machine (Large x 4)	-		1		1		1		1		1		1	
DHQ - 31	Suction machine (Small x 2)	1		2		2		2		2		1		1	
DHQ - 32	Diathermy	1		C(1)		1		B(1)		C(1)		1		1	
DHQ - 33	Generator and battery system (Up to 30KVA)	1		1		1		1	(20KVA)	-		1		C(1)	
DHQ - 34	Lab Equipment (Centrifuge)	-		-		-		1		-		1		-	
DHQ - 35	Lab Equipment (Refract meter)	-		-		-		-		-		-		-	
DHQ - 36	Lab Equipment (Microscope)	-		-		-		1		-		1		-	
DHQ - 37	Lab Equipment (Photocalorimeter)	-		-		-		-		-		-		-	

No.	Description	Sibi		Bolan		Nasirabad		Jaffarabad		Kalat		Khuzdar		Lasbela	
		Q'ty	Remark	Q'ty	Remark	Q'ty	Remark	Q'ty	Remark	Q'ty	Remark	Q'ty	Remark	Q'ty	Remark
DHQ - 33	Eye Diagnostic set	-		1	(examination set for, eye, ENT)	1	(examination set for, eye, ENT)	1	(examination set for, eye, ENT)	1	(examination set for, eye, ENT)	-		1	(examination set for, eye, ENT)
DHQ - 34	All surgery instrument set	2		-		1		B(1)		C(1)		1		C(1)	
DHQ - 35	Gynae Obs set (Including Caesarean)	1		B(1)(**) or C(1)(*)		B(1)(*)		B(1)(*)		B(1)(**) or C(1)(*)		1		-	
DHQ - 36	Autoclave Large (Electric, Kerosine Dual type)	1	(electric)	-		1	(electric)	1	(electric)	-		1	(electric)	-	
DHQ - 37	Trolley for medicine	-		5		-		6		-		1		2	
DHQ - 38	Stretcher with Trolley	-		2		1		2		2		2		1	
DHQ - 39	Mobile OT light with battery	1		C(1)		1		-		C(1)		-		C(1)	
DHQ - 40	OT light (ceiling type 2 arm)	-		C(1)		1		B(1)		C(1)		-		C(1)	(mobile)
DHQ - 41	OT table	-		C(1)		-		-		C(1)		-		C(1)	
DHQ - 42	X-ray machine and accessories	1		-		1		-		-		-		-	
DHQ - 44	Ambulance	1		1		1		1		1		1		-	
DHQ - 45	Laryngoscope (Adult)	1		1		1		1		C(1)		1		C(1)	
DHQ - 45	Laryngoscope (Infant)	1		-		1		-		-		1		-	
DHQ - 46	Buckets	7		6		6		6		3		3		6	
DHQ - 48	Infant warmer	-		1	(baby cot)	1	(baby cot)	-		1	(baby cot)	-		1	(baby cot)
DHQ - 49	Infant incubator	1		-		-		-		-		-		-	
DHQ - 50	ECG (3 channel)	-		-		-		-		1		1		-	
DHQ - 51	Surgical Drum	-		-		-		-		-		1		-	
DHQ - 54	Wheel chair	-		-		-		-		-		2		-	
DHQ - 55	Oxygen Cylinder with flowmeter and Mask	1		2		-		2		-		2		-	
DHQ - 56	Nebulizer	1		1		1		-		1		-		1	
DHQ - 58	Patient Monitor	-		C(1)	(ECG monitor)	1	(ECG monitor)	B(1)	(ECG monitor)	-		1	(ECG monitor)	C(1)	(ECG monitor)
DHQ - 59	Defibrillator	-		-		1		-		-		-		-	
Additional															
ADD-1	Water pump	1		-		-		-		-		-		-	
ADD-2	Plaster cutter	1		1		1		1		1		1		1	
ADD-3	Water distillation unit	1		-		1		1		1		1		1	

Remark:

DHQ-35 Gynae Obs set (Including Caesarean)

(*) delivery forceps set + vacuum extraction set + caesarean

(**) delivery forceps set + vacuum extraction set

Undertakings to be taken by the Government of Pakistan

1. to renovate existing X-ray rooms before the installation of the X-ray by the Grant Aid so as to prevent X-ray from leakage in accordance with the Pakistani regulation(s)
2. to dispose off all the medical waste from the health facilities properly.
3. to settle the payment for electricity and water bills for health institutions.
4. to arrange necessary budget for operation and maintenance cost including consumables and spare parts.
5. to prepare a garage and to arrange a driver for an ambulance for RHC Kuchlak



7/3
Ad

No.	Description	Sibi		Bolan		Nasirabad		Jaffarabad		Kalat		Khuzdar		Lasbela	
		Q'ty	Remark	Q'ty	Remark	Q'ty	Remark	Q'ty	Remark	Q'ty	Remark	Q'ty	Remark	Q'ty	Remark
DHQ - 12	Fridge with AVR	-	-	-	-	-	-	1	B(1)	-	-	-	-	-	-
DHQ - 15	Delivery Table (Simple type)	-	-	1	B(1)	-	-	-	-	-	-	-	-	-	-
DHQ - 19	Speculum for OBGY	-	-	2	B(1)	-	-	-	-	-	-	-	-	-	-
DHQ - 27	Anesthesia machine with Ventilator	-	-	1	C(1)	-	-	1	B(1)	-	-	-	-	-	-
DHQ - 28	BP, Pulse Oxymeter	-	-	1	C(1)	-	-	1	B(1)	1	C(1)	-	-	-	-
DHQ - 30	Diathermy	-	-	1	C(1)	-	-	1	B(1)	1	C(1)	-	-	1	C(1)
DHQ - 34	All surgery instrument set	-	-	-	-	-	-	1	B(1)	1	C(1)	-	-	1	C(1)
DHQ - 35	Gynae Obs set (Including Caesarean)	-	-	1	B(1)(**) or C(1)(*)	1	B(1)(*)	1	B(1)(*)	1	B(1)(**) or C(1)(*)	-	-	-	-
DHQ - 39	Mobile OT light with battery	-	-	1	C(1)	-	-	-	-	1	C(1)	-	-	1	C(1)
DHQ - 40	OT light (ceiling type 2 arm)	-	-	1	C(1)	-	-	1	B(1)	1	C(1)	-	-	1	C(1)
DHQ - 41	OT table	-	-	1	C(1)	-	-	-	-	1	C(1)	-	-	1	C(1)
DHQ - 45	Laryngoscope (Adult)	-	-	-	-	-	-	-	-	1	C(1)	-	-	1	C(1)
	Laryngoscope (Infant)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DHQ - 58	Patient Monitor	-	-	1	C(1)	-	-	1	B(1)	-	-	-	-	1	C(1)

Remark:

DHQ-35 Gynae Obs set (Including Caesarean)

(*) delivery forceps set + vacuum extraction set + caesarean

(**) delivery forceps set + vacuum extraction set

Training Plan with a List of Nominees / Budgetary Measures for the Training Plan

No. PC (H) JICA/2003/_____
GOVERNMENT OF BALOCHISTAN
HEALTH DEPARTMENT
(Planning Cell)

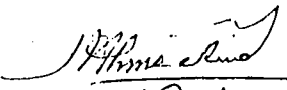
Dated Quetta the Dec: 2003.


To,


The Deputy Resident,
JICA Office,
Islamabad.

Subject:- **TRAINING PLAN FOR ANAESTHESIA TRAINING.**

The undersigned is directed to refer to the subject noted above, and to enclose herewith copy of Training Plan for your information and further the Department certified that the budget allocated for the training on the disposal of PHDC will be utilized for the said purpose as well and the incentive to the incumbents will also be provided as per Government financial rules.

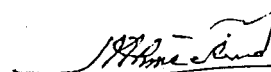

19.12.2003
(Dr. Ali Ahmed)
Chief Planning Officer





Training Plan for Anaesthesia Training

1	Name of Trainee	1. Dr.Lal Muhammad, DHQ Hospital Dhadar district Bolan 2. Dr.Muhammad Yaqoob, DHQ Hospital Kalat district Kalat 3. Dr.Ehsanullah Bhatti, DHQ Hospital Uthal district Lasbella.
2	Name of Training Institution	1. Bolan Medical Complex Hospital Quetta 2. Sandeman (P) Hospital Quetta.
3	Course Period (Start - End)	06 months to 01 year
4	Practice	- 150 cases of General Anaesthesia mixed (minor & major surgical procedure) are required. - No training on local and spinal anaesthesia is required.
5	Budget for training	- Regular budget allocation for provincial in-service training is Rs.2.500 million on the disposal of Director PHDC/HRD Directorate which is meant for conduction of in-service training. - Trainee will get the TA/DA as per financial rules of Government of Balochistan in addition to his own salary.


 19.12.2013
 (Dr.Ali Ahmed)
 Chief Planning Officer





5. Other Relevant Data

5-1 BHU List

1) District Quetta

- | | | |
|------------------------|----------------------------|--------------------|
| (1)Pashtoonabad | (2)New Marriabad | (3)Zarkhoo |
| (4)Killi Tirkha | (5)Old Pashtoonabad | (6)Saraghargi |
| (7)Nohisar | (8)Hazarganji | (9)Killi Sabzal |
| (10)Hanna | (11)Sammali | (12)Village Aid |
| (13)Police Line | (14)Shadinzai | (15)Old Mariabad |
| (16)Hudda | (17)Kachi Baig | (18)Ahmed Khan Zai |
| (19)Regi Nasran | (20)Urrak (Hanna) | (21)G.O.R.Colony |
| (22)Civil Secretariate | (23)Killi Shaekhan | (24)Killi Khali |
| (25)Hanna (new) | (26)Pashtoon Bagh | (27)Wahdat Colony |
| (28)Digari | (29)Balochistan University | (30)SR/JR Colony |
| (31)Barozai | (32)BMC Complex | (33)Samungli |
| (34)New Pashtoonabad | (35)Killi Kabir | (36)Balili |

2) District Sibi

- | | | |
|------------------------|------------------------|---------------------|
| (1)Sultan Kot | (2)Kurak | (3)Zardaloo |
| (4)Khirdrani | (5)Belli | (6)Ghurami |
| (7)Killi Sazoo | (8)Bakhra | (9)Mal-Gorgage |
| (10)Chandia | (11)Mal- Gishkori | (12)Badra |
| (13)Khajjak | (14)Dehpal Kolan | (15)Bostan Zai |
| (16)Tunnia | (17)Tehri Abdul Rehman | |
| (18)Bakhtiarabad Domki | (19)Khairwah | (20)Railo Mian Khan |

3) District Bolan

- | | | |
|------------------------|--------------|----------------|
| (1)Mushkaf | (2)Jhal Bani | (3)Haji Shehr |
| (4)Mithri | (5)Chanderar | (6)Kitra |
| (7)Ab-E-Gum | (8)Kolpur | (9)Kot Raisani |
| (10)Shoran | (11)Sanni | (12)Masoo |
| (13)Killi Shahbez Khan | | |

4) District Nasirabad

- | | | |
|---------------------|------------------------|---------------|
| (1)Sabaz Ali Umrani | (2)Shah Pur | (3)Mir Hassan |
| (4)Dolat Ghare | (5)Abdul Hameed Khosa | (6)Mangal Kot |
| (7)New Mir Wah | (8)Ahmed Shaheed | |
| (9)Allah Dad Umrani | (10)R.D. 50 Magsi Shah | (11)Tamboo |

5) District Jaffarabad

- | | | |
|---------------------------|-----------------------------|----------------|
| (1)Gandakha | (2)Taj Pur | (3)Sibi Jadeed |
| (4)Bagh Tali | (5)Ganda Talab | |
| (6)Abdul Aziz Khosa | (7)Cattle Farm | (8)Noor Pur |
| (9)Mohammad Amin Kandrani | | (10)Drighee |
| (11)Ali Abad Jamali | (12)Bagh Head | (13)Malgazar |
| (14)Munder Kot | (15)Jia Khan Khosa | (16)Adam Pur |
| (17)Murad Ali Khosa | (18)Ahmed Abad | (19)Sohbat Pur |
| (20)Mehrab Nidwani | (21)Mohammad Ibrahim Gajani | |
| (22)Ghareebabad | (23)Penwar | |
| (24)Gote Allah Yar Khosa | | |

6) District Kalat

- | | | |
|-------------------|------------------|-----------------|
| (1)Brinch China | (2)Chatti | (3)Johan |
| (4)Lakhorian | (5)Mal Sohorai | (6)Mand-E- Haji |
| (7)Mehmood Gohram | (8)Mohammad Tawa | (9)Nichara |
| (10)Pindaran | (11)Robdar | (12)Sia-Kumb |

7) District Khuzdar

- | | | |
|----------------------|------------------|-------------------|
| (1)Baghbana | (2)Garrook | (3)Zeedi |
| (4)Guwani Gresan | (5)Hazar Ganji | (6)Hithachi Moola |
| (7)Korask Nall | (8)Ornach | (9)Parako |
| (10)Pisi Jhal | (11)San Chakoo | (12)Wahair |
| (13)Badari | (14)Kanjar Marri | (15)Koraro |
| (16)Mehandar | (17)Pishi War | (18)Saroona |
| (19)Shah Noorani | (20)Sonaro | (21)Took |
| (22)Chashma (Zehiri) | | |

8) District Lasbela

- | | | |
|---------------------|----------------------------|----------------|
| (1)Dan Kathore | (2)Jam Yousaf Abad | (3)Gajeri |
| (4)Gandacha | (5)Ismailani | (6)Kanner |
| (7)Kud Karki | (8)Mehmoodani | (9)Nimani |
| (10)Therra | (11)Allana Gador | (12)Long Lohar |
| (13)Pinyan | (14)Plat 113 | (15)Potha Goth |
| (16)Gote haji Leema | (17)Roch Kund | (18)Umar Goth |
| (19)Bhira | (20)Dam | (21)Goth Zaman |
| (22)Kach Kuraro | (23)Mitheri | (24)Winder |
| (25)Gacheri | (26)Goth Fida Hussain Shah | (27)Sand |
| (28)Wayaro | (29)Duba Liari | (30)Liari |
| (31)Mangia | (32)Oraki | (33)Phore-1 |
| (34)Phore-2 | (35)Pir Bhambor | (36)Lohi |
| (37)Luck Rohail | | |

5-2 Existing Equipment List

1) DHQ Hospital

1)-1 District Sibi

Existing Equipment	Q'ty	Current situation
Dental chair	1	Working
	1	Out of order
Blood bank facility	1	Working
	2	Out of order
Anesthesia machine	1	Working
BP, Pulse oxymeter	1	Working
Diathermy	1	Working
OT table	6	Working (11years after procurement)
Mobile OT light with battery	1	Working (deteriorating)
X-ray machine (200mA)	1	Working
Ambulance	2	Out of order (16years after procurement)
Ultrasound machine	1	Working
Infant incubator	1	Working (deteriorating)
ECG (3 channel)	1	Working
Defibrillator	2	Working
Generator	1	Working
	1	Out of order
Chemistry analyzer	1	Working
	1	Out of order

1)-2 District Bolan

Existing Equipment	Q'ty	Current situation
Dental chair	1	Out of order (10years after procurement)
	1	Working (2years after procurement)
Diathermy	1	Out of order
OT table	6	Working (20years after procurement)
OT light(ceiling type)	1	Working (deteriorating)
X-ray machine	1	Working
Mobile X-ray machine	1	Working
Ambulance	1	Out of order (14years after procurement)
	1	Out of order (8years after procurement)
Ultrasound machine	1	Out of order (2years after procurement)
ECG (3 channel)	1	Working (2years after procurement)
Generator (10KVA)	1	Out of order
Chemistry analyzer	1	Working (2years after procurement)

1)-3 District Nasirabad

Existing Equipment	Q'ty	Current situation
Dental chair	1	Working (2years after procurement)
	1	Out of order
Blood bank facility	1	Working (7years after procurement)
Anesthesia machine	1	Working (20years after procurement)
Diathermy	1	Out of order (15years after procurement)
OT table	1	Working (2years after procurement)
	1	Working(deteriorating)
OT light(ceiling type)	1	Working(deteriorating)
X-ray machine (100mA)	1	Working (27years after procurement)
Ambulance	1	Working (19years after procurement)
	1	Working (16years after procurement)
Ultrasound machine	1	Working (2years after procurement)
ECG (3channel)	1	Working (2years after procurements)
	1	Out of order (20years after procurement)
Defibrillator	1	Out of order (20years after procurement)
Patient monitor	2	Working (5years after procurement)
Generator	1	Working (27years after procurement)
Chemistry analyzer	1	Working (1year after procurement)

1)-4 District Jaffarabad

Existing Equipment	Q'ty	Current situation
Blood bank facility	1	Working
Anesthesia machine	1	Working(deteriorating)
OT table	2	Working(deteriorating)
OT light(ceiling type)	1	Working(deteriorating)
X-ray machine	1	Working (18years after procurement)
Ambulance	2	Out of order
Microscope	1	Working (10years after procurement)
Centrifuge	1	Working (11years after procurement)

1)-5 District Kalat

Existing Equipment	Q'ty	Current situation
Dental chair	1	Working (7years after procurement)
	1	Out of order (17years after procurement)
Blood bank facility	1	Working
Anesthesia machine	1	Working
Diathermy	1	Working
OT table	1	Working (35years after procurement)
Mobile OT light with battery	1	Working
X-ray machine (300mA)	2	Working
Ambulance	2	Working (16years and 9years after procurement)
Ultrasound machine	1	Working
ECG (3 channel)	1	Out of order
Generator	1	Working
	1	Out of order
Chemistry analyzer	1	Working

1)-6 District Khuzdar

Existing Equipment	Q'ty	Current situation
Dental chair	2	Working (15years after porcurement)
Anesthesia machine	2	Working (5years after procurement)
BP, Pulse oxymeter	1	Working
OT table	5	Working
Mobile OT light with battery	2	Working (5years after procurement)
OT light(ceiling type)	1	Working(deteriorating)
X-ray machine	2	Working
	1	Out of order
Ambulance	1	Working
	1	Out of order
Centrifuge	1	Working (20years after procurement)
Microscope	1	Working(deteriorating)

1)-7 District Lasbela

Existing Equipment	Q'ty	Current situation
Dental chair	1	Working
Blood bank facility	1	Working (deteriorating)
Anesthesia machine	1	Working
Mobile OT light with battery	1	Working
	1	Out of order
X-ray machine	1	Working (1year after procurement)
Ambulance	1	Working (3years after procurement)
	2	Out of order
ECG (3 channel)	1	Working
Centrifuge	1	Working
Microscope	2	Working

2) RHC

- 2)-1 District Quetta (2 sites)
- 2)-2 District Sibi (4 sites)
- 2)-3 District Bolan (2 sites)
- 2)-4 District Nasirabad (3 sites)

Existing Equipment	Quetta Dist.				Sibi Dist.								Bolan Dist.				Nasirabad Dist.					
	Kuchlak		Surange		Leni		Lehri		Talli		Sharigh		Chhargari		Khattan		Manjhoo Shori		Mir Wal		Chatter	
	Work	out of order	Work	out of order	Work	out of order	Work	out of order	Work	out of order	Work	out of order	Work	out of order	Work	out of order	Work	out of order	Work	out of order	Work	out of order
Boiling Sterilizers(Electric)	1	0	1	0	0	0	4	0	2	0	3	0	0	0	0	0	1	0	0	1	1	0
Boiling Sterilizers(Kerosine)	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Pen torches	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	2	0	1	0
Baby weighing scale	1	0	1	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
Height, Weighing scale	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fahrenheit thermometers	1	0	1	0	1	0	1	0	1	0	1	0	0	0	2	0	1	0	2	0	1	0
Minor surgery set	1	0	1	0	1	0	1	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0
D and C set	1	0	1	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
Sphygmomanometer(Mercury stand)	0	0	0	0	1	0	2	1	4	1	2	0	1	1	1	0	1	0	0	1	1	0
Stethoscope	0	0	2	0	4	0	2	0	2	0	3	0	0	1	1	0	1	0	1	1	1	0
Fetoscope	0	0	2	0	1	0	0	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0
Examination table	0	0	3	0	3	0	1	0	3	0	2	0	0	0	1	0	1	0	1	0	1	0
Cold box and vaccine carrier	0	0	0	0	2	0	2	0	2	0	2	0	1	0	2	0	1	0	2	0	1	0
Fridge with AVR(Electric)	0	0	0	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0
Fridge with AVR(Kerosine)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lockable cupboards for medicines	0	0	6	0	4	0	3	0	4	0	0	0	3	0	3	0	2	0	7	0	1	0
Bowl, kidney dish, dressing tray	2	0	2	0	1	0	0	0	1	0	4	0	2	0	5	0	2	0	2	0	1	0
Delivery table(Simple type)	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
Ambu bag(Adult)	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ambu bag(Infant)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ENT diagnostic set	1	0	1	0	1	0	0	0	1	0	0	0	0	1	1	0	1	0	0	1	0	0
Examination light	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Speculum for OB/GY	2	0	2	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
I/V stand	5	0	4	0	1	0	1	0	3	0	12	0	1	0	1	0	2	0	4	0	1	0
Revolving stool	4	0	3	0	2	0	1	0	6	0	2	0	2	0	2	0	1	0	9	0	1	0
Screen(3 partition)	4	0	3	0	0	0	1	0	2	0	4	0	0	0	1	0	0	0	2	0	0	0
Dental chair and accessories	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Dental instrument	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Blood bank facilities	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Emergency surgery set	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anesthesia machine	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
BP, Pulse oxymeter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Suction machine(Large)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Suction machine(Small)	0	0	0	0	1	0	1	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0
Diathermy	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Generator and battery system	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0
Centrifuge	0	0	0	0	1	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0
Refract meter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Microscope	0	0	0	0	1	0	2	0	1	0	0	1	0	0	0	0	1	0	1	0	0	0
Eye diagnostic set	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
General surgery set	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Gynae/Obs set	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Autoclave small	0	0	0	0	1	0	1	0	1	0	2	0	0	0	0	0	0	0	0	2	0	0
Trolley for medicine	2	0	1	0	2	0	1	0	1	0	2	0	0	0	0	0	2	0	0	0	1	0
Stretcher with trolley	1	0	1	0	2	0	1	0	2	0	1	0	0	0	0	0	0	0	2	0	1	0
Mobile OT light with battery	0	0	0	0	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
OT table	0	0	1	0	1	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0
X-ray machine and accessories	1	0	0	0	1	0	1	1	0	0	1	0	0	0	0	0	0	0	1	0	0	0
Vehicle for supervision	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ambulance	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Laryngoscope(Adult)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Laryngoscope(Infant)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Buckets	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	2	0	0	0	1	0
Ultrasound	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Infant warmer	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ECG(3 channel)	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wheel chair	0	0	0	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	1	0	0	0
Sterilizing drum	0	0	0	0	1	0	3	0	1	0	1	0	0	0	4	0	1	0	0	0	1	0
Oxygen cylinder with flowmeter and mask	0	0	0	0	2	0	1	0	3	0	1	0	0	0	0	0	0	0	4	0	0	0
Nebulizer	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Filtrate water tank	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
Basin unit	4	0	2	0	0	0	1	0	2	0	0	0	0	0	2	0	0	0	0	0	0	0

- 2)-5 District Jaffarabad (1 site)
 2)-6 District Kalat (2 sites)
 2)-7 District Khuzdar (4 sites)
 2)-8 District Lasbela (4 sites)

Existing Equipment	Jaffarabad Dist.		Kalat Dist.				Khuzdar Dist.								Lasbela Dist.							
	Rhojhan Jamli		Gidar		Zird Ghulamjan		Zehri		Wadh		Nall		Karkh		Bela		Lakhra		Gaddani		Dureji	
	Work	out of order	Work	out of order	Work	out of order	Work	out of order	Work	out of order	Work	out of order	Work	out of order	Work	out of order	Work	out of order	Work	out of order	Work	out of order
Boiling Sterilizers(Electric)	0	0	1	1	1	0	2	2	1	2	1	0	0	0	1	0	0	0	1	0	2	0
Boiling Sterilizers(Kerosine)	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Pen torches	0	0	1	0	1	0	3	0	3	0	2	0	1	0	2	0	0	0	0	0	1	0
Baby weighing scale	0	0	1	0	2	0	2	0	2	1	1	0	0	0	1	0	0	0	0	0	0	0
Height, Weighing scale	0	0	0	0	1	0	0	0	2	0	0	0	0	0	1	0	0	0	0	0	0	0
Fahrenheit thermometers	0	0	0	0	1	0	2	0	2	0	1	0	1	0	0	0	0	0	1	0	1	0
Minor surgery set	1	0	1	0	1	0	1	0	1	0	1	0	0	0	0	0	1	0	1	0	1	0
D and C set	1	0	1	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0
Sphygmomanometer(Mercury stand)	0	1	2	0	2	0	1	0	2	0	1	0	1	0	3	0	1	0	3	0	1	0
Stethoscope	0	1	3	0	2	0	1	0	2	0	2	0	1	0	2	2	1	0	2	0	2	0
Fetoscope	1	0	0	0	1	0	1	0	1	0	0	0	0	0	2	0	0	0	1	0	0	0
Examination table	2	0	2	0	2	0	3	0	3	0	2	0	2	0	1	1	1	1	2	0	3	0
Cold box and vaccine carrier	3	0	2	0	2	0	3	0	1	0	3	0	1	0	7	0	2	0	1	0	2	0
Fridge with AVR(Electric)	1	0	1	0	1	0	2	0	2	0	1	0	1	0	3	0	1	0	1	0	1	0
Fridge with AVR(Kerosine)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lockable cupboards for medicines	2	0	3	0	1	0	5	0	10	0	4	0	3	0	4	0	0	0	3	0	6	0
Bowl, kidney dish, dressing tray	2	0	3	0	2	0	2	0	5	0	0	0	2	0	11	0	2	0	2	0	2	0
Delivery table(Simple type)	1	0	1	0	1	0	1	0	2	0	1	0	1	0	2	0	0	0	0	0	0	0
Ambu bag(Adult)	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0
Ambu bag(Infant)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ENT diagnostic set	1	0	0	0	1	0	0	0	0	0	1	0	0	0	3	0	1	0	1	0	2	0
Examination light	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Speculum for OB/GY	1	0	1	0	1	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0
I/V stand	1	0	1	0	5	0	2	0	3	3	6	0	0	0	4	0	3	0	3	0	3	0
Revolving stool	2	0	2	0	2	0	6	0	7	0	6	0	0	0	4	0	1	0	4	0	2	0
Screen(3 partition)	2	0	1	0	3	0	2	0	0	0	2	0	0	0	4	0	1	0	2	0	2	0
Dental chair and accessories	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0
Dental instrument	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0
Blood bank facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Emergency surgery set	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0
Anesthesia machine	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BP, Pulse oxymeter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Suction machine(Large)	1	0	0	0	0	0	0	1	0	1	0	0	0	0	4	0	0	0	1	0	0	0
Suction machine(Small)	0	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0	2	0
Diathermy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0
Generator and battery system	0	0	0	0	0	0	1	1	1	1	0	0	0	0	1	0	0	0	0	1	1	1
Centrifuge	1	0	1	0	0	0	2	0	1	0	0	0	0	0	1	0	0	0	1	0	0	0
Refract meter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0
Microscope	1	0	1	0	0	0	3	0	1	0	0	0	0	0	2	0	0	0	2	0	0	0
Eye diagnostic set	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
General surgery set	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gynae/Obs set	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Autoclave small	0	0	1	0	1	0	1	0	3	0	1	0	0	0	1	0	0	0	1	0	0	1
Trolley for medicine	0	0	0	0	1	0	3	0	0	0	2	0	1	0	0	0	1	0	1	0	1	0
Stretcher with trolley	1	0	0	0	1	0	2	0	5	0	2	0	0	0	0	0	0	0	1	0	1	0
Mobile OT light with battery	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
OT table	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
X-ray machine and accessories	1	0	0	0	1	0	1	0	1	1	0	0	0	0	2	0	0	0	1	0	1	0
Vehicle for supervision	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Ambulance	0	0	0	0	1	0	2	0	2	0	2	0	1	0	1	0	0	0	0	0	1	0
Laryngoscope(Adult)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Laryngoscope(Infant)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Buckets	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0	8	0
Ultrasound	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Infant warmer	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ECG(3 channel)	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	1	0	1
Wheel chair	1	0	1	0	1	0	1	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0
Sterilizing drum	0	0	2	0	2	0	4	0	2	8	1	0	0	0	10	0	0	0	2	0	3	0
Oxygen cylinder with flowmeter and mask	2	0	1	0	4	0	4	0	7	0	1	0	1	0	2	3	0	0	2	0	5	0
Nebulizer	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0
Filtrate water tank	0	0	4	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Basin unit	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

3) BHU

3)-1 District Quetta (36 sites)

Existing Equipment	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
Boiling sterilizers(Electric)	1															3			0	2
Boiling sterilizers(Kerosene)	0	1	1	1	1	1	1	1	1	1	1	1	2	1	1	0	1	1	0	0
Pen torches	0	0	0	0	0	0	0	1	1	1	1	1	2	1	2	0	0	1	0	0
Baby weighing scale	0	1	1	0	1	1	1	1	1	1	1	1	1	1	0	3	1	0	0	0
Height, weighing scale	0	1	0	0	1	0	0	0	0	0	0	0	1	0	1	1	1	0	0	0
Fahrenheit thermometers	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0
First aid set	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D and C set	1	1	0	0	1	0	1	0	0	1	0	0	1	0	0	1	0	0	0	0
Sphygmomanometer (Aneroid portable)	1															1	1			
Sphygmomanometer (Mercury stand)	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	0	1	1	1	1
Stethoscope	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	1	1	1	1	2
Fetoscope	0	1	0	1	2	1	2	0	0	1	0	1	2	0	1	1	1	1	0	1
Examination table	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	1	0	1
Cold box and vaccine carrier	1	2	0	2	2	2	2	2	2	2	2	0	3	2	1	1	1	0	0	0
Fridge(electric type)	1	1	0	0	1	0	0	1	0	1	0	0	1	1	1	1	1	0	0	0
Lockable cupboards for medicines	4	5	3	3	7	5	5	5	4	4	0	0	4	3	4	4	0	3	3	2
Bowl, kidney dish,dressing tray	7	1	1	1	1	1	1	1	1	1	1	2	2	1	5	2	1	1	0	1
Delivery table(simple type)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0
Ambu bag(Adult)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Ambu bag(Infant)	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ENT diagnostic set	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	0
Examination light	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Speculum for OB/GY	3	2	0	1	0	0	1	0	0	0	0	4	0	0	1	0	0	0	0	0
I/V stand	1	2	2	1	2	1	2	2	2	2	1	2	3	2	1	1	0	1	0	1
Revolving stool	1	3	2	2	2	2	2	2	2	2	2	2	3	2	1	0	1	1	0	1
Screen (3 partition)	1	2	1	2	2	2	2	2	2	2	1	2	3	2	2	1	1	1	0	0
Oxygen cylinder with flowmeter and mask	0	1	0	0	1	0	0	0	0	1	0	0	2	0	0	0	0	0	0	0
Filtrate water tank	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Basin unit	0	0	0	0	0	0	0	0	0	0	0	0	1	0	3	0	0	0	0	0

Existing Equipment	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)
Boiling sterilizers(Electric)	1	1	1	1	1	1	3	1	2	2	1	3	1	2	2	1
Boiling sterilizers(Kerosene)							0				1	0	0	0	0	0
Pen torches	1	2	0	0	0	1	3	1	0	0	0	2	0	0	0	0
Baby weighing scale	1	0	1	1	1	1	0	1	1	1	1	0	1	1	1	1
Height, weighing scale	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	0
Fahrenheit thermometers	1	2	0	0	0	0	0	0	0	1	3	2	0	1	1	0
First aid set	0	0	0	0	0	0	0	0	0	0	2	1	1	0	0	0
D and C set	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Sphygmomanometer (Aneroid portable)												3				
Sphygmomanometer (Mercury stand)	1	2	1	1	1	1	5	1	1	2	3	0	1	1	1	1
Stethoscope	2	2	1	1	1	1	2	1	1	1	3	2	1	1	1	1
Fetoscope	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0
Examination table	2	2	2	2	2	2	3	2	2	2	3	2	2	2	3	2
Cold box and vaccine carrier	2	0	0	0	0	2	1	2	0	0	2	0	2	3	3	0
Fridge(electric type)	1	0	0	0	0	1	1	0	0	0	1	0	1	1	1	0
Lockable cupboards for medicines	4	3	3	3	3	4	2	3	5	4	4	6	7	5	6	4
Bowl, kidney dish,dressing tray	2	2	1	1	1	1	6	1	2	1	2	5	1	2	2	1
Delivery table(simple type)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ambu bag(Adult)	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
Ambu bag(Infant)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ENT diagnostic set	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1
Examination light	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Speculum for OB/GY	2	0	1	2	1	0	3	2	0	0	0	0	0	0	2	0
I/V stand	2	2	1	2	2	2	2	2	2	2	1	1	2	3	3	2
Revolving stool	2	2	2	2	2	2	2	2	1	1	0	0	1	2	2	1
Screen (3 partition)	2	3	2	2	1	2	2	2	2	2	2	1	2	3	2	2
Oxygen cylinder with flowmeter and mask	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
Filtrate water tank	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0
Basin unit	0	0	0	0	0	0	6	0	0	0	0	0	1	1	1	0

3)-2 District Sibi (20 sites)

Existing Equipment	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
Boiling sterilizers(Electric)	0	1	0	1	1	0	1	1	1	1	1	0	1	1	0	0	0	2	0	0
Boiling sterilizers(Kerosene)	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pen torches	0	0	1	2	0	0	0	0	0	1	0	0	0	2	2	0	0	1	0	0
Baby weighing scale	0	0	0	0	0	0	1	0	1	0	0	0	1	1	0	0	0	1	0	0
Height, weighing scale	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Fahrenheit thermometers	0	1	1	6	0	1	1	1	0	2	1	3	1	1	3	0	0	1	0	0
First aid set	0	1	0	0	0	1	0	0	1	1	1	1	1	0	0	0	0	1	0	0
D and C set	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Sphygmomanometer (Aneroid portable)	0	1	1	1	0	1	0	1	0	2	0	2	0	0	1	0	0	1	0	0
Sphygmomanometer (Mercury stand)	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
Stethoscope	1	1	1	1	0	1	1	1	0	2	1	2	1	2	1	0	0	1	0	0
Fetoscope	1	0	0	0	0	0	1	1	0	0	0	0	0	1	1	0	0	1	0	0
Examination table	2	2	1	1	0	0	1	1	1	1	1	1	1	1	2	0	1	0	1	1
Cold box and vaccine carrier	0	2	0	0	0	0	0	0	0	2	0	0	1	3	0	0	0	3	0	0
Fridge(electric type)	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1	1	1	0
Lockable cupboards for medicines	3	2	2	2	2	2	1	2	2	2	1	2	2	3	2	0	1	7	2	2
Bowl, kidney dish,dressing tray	6	1	1	4	1	1	1	6	1	3	1	3	1	7	4	0	4	3	3	2
Delivery table(simple type)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ambu bag(Adult)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ambu bag(Infant)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ENT diagnostic set	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0	0
Examination light	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0
Speculum for OB/GY	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
I/V stand	0	0	1	1	2	1	1	1	0	1	0	1	0	2	0	0	0	2	1	0
Revolving stool	6	3	1	0	0	1	2	1	0	2	1	3	0	1	1	0	2	1	1	1
Screen (3 partition)	0	1	0	0	0	1	0	0	1	0	0	0	1	1	1	0	0	0	0	0
Oxygen cylinder with flowmeter and mask	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Filtrate water tank	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Basin unit	1	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0

3)-3 District Bolan (13 sites)

Existing Equipment	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Boiling sterilizers(Electric)	0	2	1	0	0	0	1	0	1	0	0	0	0
Boiling sterilizers(Kerosene)	0	0	0	0	0	0	0	1	1	0	0	0	0
Pen torches	0	1	1	0	1	0	0	0	0	0	0	0	1
Baby weighing scale	0	0	1	1	0	0	0	0	2	0	0	0	0
Height, weighing scale	0	0	0	1	0	0	0	0	0	0	0	0	0
Fahrenheit thermometers	1	1	0	0	0	0	0	0	0	0	0	0	2
First aid set	0	0	0	0	0	0	0	0	0	0	0	0	0
D and C set	0	0	0	0	0	0	0	1	0	0	0	0	0
Sphygmomanometer (Aneroid portable)	1	1	0	0	0	0	0	0	1	1	0	0	1
Sphygmomanometer (Mercury stand)	0	1	1	0	1	1	1	0	1	1	0	0	1
Stethoscope	1	2	1	0	1	1	2	0	1	1	0	0	1
Fetoscope	1	1	0	0	0	0	1	1	0	0	0	0	0
Examination table	1	1	1	1	1	1	1	2	1	0	0	1	0
Cold box and vaccine carrier	1	2	2	1	0	0	0	0	2	1	0	0	2
Fridge(electric type)	1	1	1	1	0	0	0	0	1	1	0	0	1
Lockable cupboards for medicines	3	3	3	3	2	1	1	3	5	4	3	2	1
Bowl, kidney dish,dressing tray	1	3	1	4	0	3	2	2	0	3	2	2	0
Delivery table(simple type)	0	0	0	0	0	0	0	1	0	0	0	0	0
Ambu bag(Adult)	0	0	0	0	0	0	0	0	0	0	0	0	0
Ambu bag(Infant)	0	0	0	0	0	0	0	0	0	0	0	0	0
ENT diagnostic set	0	0	0	1	0	1	0	0	0	0	0	0	0
Examination light	0	0	0	0	0	0	0	0	0	0	0	0	0
Speculum for OB/GY	0	1	0	0	0	0	1	1	0	0	0	0	0
I/V stand	0	1	0	2	1	1	2	1	0	2	1	0	0
Revolving stool	0	2	1	2	2	0	1	2	2	1	1	0	0
Screen (3 partition)	0	0	0	0	1	0	0	1	0	0	0	0	0
Oxygen cylinder with flowmeter and mask	0	0	0	0	0	0	0	2	0	0	0	0	0
Filtrate water tank	0	0	0	0	0	0	0	0	0	0	0	0	0
Basin unit	0	0	0	0	0	0	0	0	0	0	0	0	0

3)-4 District Nasirabad(11 sites)

Existing Equipment	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Boiling sterilizers(Electric)	1	1	1	1	1	1	1	2	2	2	3
Boiling sterilizers(Kerosene)	0	0	0	0	0	0	0	0	0	0	0
Pen torches	3	0	0	0	1	1	0	1	1	1	1
Baby weighing scale	0	0	0	0	1	1	0	0	0	0	0
Height, weighing scale	0	0	0	0	0	0	0	0	0	0	0
Fahrenheit thermometers	1	1	0	1	1	0	2	2	2	2	2
First aid set	0	0	0	0	0	0	0	1	1	1	1
D and C set	0	0	0	0	1	0	0	0	0	0	0
Sphygmomanometer (Aneroid portable)	1	1	0	0	1	0	1	1	1	1	2
Sphygmomanometer (Mercury stand)	2	0	0	1	0	0					
Stethoscope	1	1	0	1	1	1	1	1	1	1	2
Fetoscope	0	0	0	1	1	0	0	0	0	0	0
Examination table	1	1	1	1	1	1	0	1	1	0	1
Cold box and vaccine carrier	1	0	0	0	2	1	1	3	2	0	4
Fridge(electric type)	1	0	0	0	1	1	0	1	1	0	2
Lockable cupboards for medicines	1	2	2	2	2	0	2	2	2	2	2
Bowl, kidney dish,dressing tray	1	1	0	1	1	1	1	2	1	2	3
Delivery table(simple type)	0	0	0	0	1	1	0	0	0	0	0
Ambu bag(Adult)	0	0	0	0	0	0	0	0	0	0	0
Ambu bag(Infant)	0	0	0	0	0	0	0	0	0	0	0
ENT diagnostic set	0	0	0	0	1	0	0	0	0	0	0
Examination light	0	0	0	0	0	0	2	0	0	0	0
Speculum for OB/GY	0	0	0	0	1	0	0	0	0	0	0
I/V stand	1	1	0	2	0	1	0	1	1	1	2
Revolving stool	0	0	0	0	1	0	0	1	1	1	2
Screen (3 partition)	0	0	0	0	0	0	0	0	2	0	0
Oxygen cylinder with flowmeter and mask	0	0	0	0	0	0	0	0	0	0	0
Filtrate water tank	0	0	0	1	0	0	1	0	0	0	0
Basin unit	0	0	0	0	0	1	0	0	0	0	0

3)-5 District Jaffarabad (24 sites)

Existing Equipment	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
Boiling sterilizers(Electric)	1	1	1	1	1	1	0	0	0	1	0	1	1	0	0	0	0	0	1	0
Boiling sterilizers(Kerosene)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Pen torches	0	0	0	0	0	9	0	0	5	0	2	1	1	0	0	0	0	0	0	0
Baby weighing scale	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Height, weighing scale	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Fahrenheit thermometers	1	1	2	1	0	1	2	0	0	0	1	2	1	2	2	0	0	1	0	1
First aid set	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	0
D and C set	1	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1
Sphygmomanometer (Aneroid portable)	1	1	1	2	0	0	0	0	3	0	0	1	1	1	0	0	0	0	0	0
Sphygmomanometer (Mercury stand)	2	1	1	2	0	0	0	0	3	0	0	1	0	1	0	0	0	0	0	0
Stethoscope	1	1	1	1	0	0	1	0	1	0	0	1	1	1	0	0	0	1	0	0
Fetoscope	0	1	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0
Examination table	2	3	0	2	1	0	0	0	1	1	0	1	0	1	2	1	1	1	1	1
Cold box and vaccine carrier	1	0	0	1	3	0	1	0	0	2	0	0	0	1	0	1	0	1	1	1
Fridge(electric type)	1	0	0	1	1	0	1	0	0	1	0	0	0	1	0	1	0	1	1	1
Lockable cupboards for medicines	4	3	3	2	4	1	2	0	4	4	0	1	2	1	1	5	2	2	6	0
Bowl, kidney dish,dressing tray	3	3	2	2	1	1	0	0	3	4	1	1	1	1	4	1	0	2	2	1
Delivery table(simple type)	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
Ambu bag(Adult)	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Ambu bag(Infant)	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
ENT diagnostic set	0	0	0	0	0	0	0	1	1	0	0	0	1	0	0	0	0	0	1	0
Examination light	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0
Speculum for OB/GY	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
I/V stand	1	1	1	1	1	0	2	1	0	1	1	1	0	1	0	0	1	0	3	0
Revolving stool	1	2	0	1	0	0	1	1	0	1	1	1	0	0	0	1	2	1	3	0
Screen (3 partition)	1	0	0	0	0	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0
Oxygen cylinder with flowmeter and mask	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Filtrate water tank	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Basin unit	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0

Existing Equipment	(21)	(22)	(23)	(24)
Boiling sterilizers(Electric)	0	1	1	0
Boiling sterilizers(Kerosene)	0	0	0	0
Pen torches	0	0	3	0
Baby weighing scale	0	0	0	1
Height, weighing scale	0	0	0	0
Fahrenheit thermometers	0	0	0	1
First aid set	0	0	0	0
D and C set	0	0	0	0
Sphygmomanometer (Aneroid portable)	0	2	1	2
Sphygmomanometer (Mercury stand)	0			
Stethoscope	0	0	1	1
Fetoscope	0	0	0	0
Examination table	1	1	2	1
Cold box and vaccine carrier	0	0	1	2
Fridge(electric type)	0	0	1	1
Lockable cupboards for medicines	1	2	3	3
Bowl, kidney dish,dressing tray	1	1	6	4
Delivery table(simple type)	0	0	0	0
Ambu bag(Adult)	0	0	0	0
Ambu bag(Infant)	0	0	0	0
ENT diagnostic set	0	0	0	0
Examination light	0	0	0	0
Speculum for OB/GY	0	0	0	0
I/V stand	1	0	3	2
Revolving stool	1	1	2	2
Screen (3 partition)	0	0	0	0
Oxygen cylinder with flowmeter and mask	0	0	0	0
Filtrate water tank	0	0	0	0
Basin unit	0	0	0	0

3)-6 District Kalat (12 sites)

Existing Equipment	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Boiling sterilizers(Electric)	1	0	1	1	0	2	1	1	1	1	0	0
Boiling sterilizers(Kerosene)	0	0			0						0	0
Pen torches	2	1	1	2	1	2	2	1	1	1	1	1
Baby weighing scale	1	0	0	0	0	1	0	0	1	1	0	1
Height, weighing scale	0	0	0	0	0	0	0	0	0	1	0	0
Fahrenheit thermometers	0	1	1	0	1	0	1	1	1	1	1	1
First aid set	0	1	1	0	1	0	1	1	1	1	1	1
D and C set	1	0	0	0	0	1	0	0	0	0	0	0
Sphygmomanometer (Aneroid portable)	2	0	1	2	2	3	1	1	1	1	1	1
Sphygmomanometer (Mercury stand)		0										
Stethoscope	2	1	1	1	1	2	1	1	1	1	1	1
Fetoscope	0	0	0	0	0	0	0	0	0	1	0	0
Examination table	1	1	1	1	1	2	1	1	1	1	1	0
Cold box and vaccine carrier	2	0	2	4	0	4	2	2	2	2	0	0
Fridge(electric type)	1	0	1	1	0	1	1	0	1	1	0	0
Lockable cupboards for medicines	4	3	4	3	3	4	4	2	3	4	2	2
Bowl, kidney dish,dressing tray	2	1	2	0	1	3	1	1	2	2	1	1
Delivery table(simple type)	1	0	1	0	0	1	0	0	0	1	0	0
Ambu bag(Adult)	1	0	0	0	0	0	0	0	0	0	0	0
Ambu bag(Infant)		0	0	0	0	0	0	0	0	0	0	0
ENT diagnostic set	1	0	0	0	0	0	0	0	0	1	0	0
Examination light	0	0	0	0	0	0	0	0	0	0	0	0
Speculum for OB/GY	0	0	0	0	0	0	0	0	0	0	0	0
I/V stand	2	1	1	0	1	1	1	1	1	1	1	1
Revolving stool	2	1	2	2	1	2	2	1	1	2	1	1
Screen (3 partition)	1	0	0	0	0	2	0	0	0	0	0	0
Oxygen cylinder with flowmeter and mask	0	0	0	0	0	2	0	0	0	0	0	0
Filtrate water tank	0	0	0	0	0	0	0	0	0	0	0	0
Basin unit	0	0	0	0	0	0	0	0	0	0	0	0

3)-7 District Khuzdar (22 sites)

Existing Equipment	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
Boiling sterilizers(Electric)	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0
Boiling sterilizers(Kerosene)	0	1	0	0	0	0	1	1	0	0	0	1	0	0	0	1	0	1	1	0
Pen torches	1	0	1	1	0	0	1	1	0	0	0	0	1	1	0	1	0	0	1	1
Baby weighing scale	1	1	1	1	1	1	1	1	0	1	1	1	1	1	0	1	1	0	1	1
Height, weighing scale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fahrenheit thermometers	1	1	1	1	0	1	1	1	0	0	1	1	2	1	0	1	0	1	1	1
First aid set	1	1	1	1	1	1	0	1	1	1	1	1	0	0	0	0	1	1	0	1
D and C set	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sphygmomanometer (Aneroid portable)	2	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1
Sphygmomanometer (Mercury stand)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stethoscope	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1
Fetoscope	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Examination table	1	1	0	1	0	2	0	0	0	0	1	0	1	0	1	0	0	1	0	0
Cold box and vaccine carrier	4	0	3	0	0	0	0	2	0	0	0	3	0	0	1	0	0	0	0	0
Fridge(electric type)	1	0	1	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0
Lockable cupboards for medicines	1	2	4	2	4	2	2	2	1	3	2	5	2	2	2	2	1	3	2	2
Bowl, kidney dish,dressing tray	12	6	2	1	2	1	0	2	1	1	1	1	3	1	5	1	1	2	0	1
Delivery table(simple type)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ambu bag(Adult)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ambu bag(Infant)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ENT diagnostic set	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Examination light	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Speculum for OB/GY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I/V stand	0	1	1	0	0	2	0	0	0	0	0	1	0	0	0	0	0	1	0	0
Revolving stool	2	2	1	1	2	2	1	2	3	1	2	3	2	1	1	1	1	1	1	1
Screen (3 partition)	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxygen cylinder with flowmeter and mask	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Filtrate water tank	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Basin unit	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Existing Equipment	(21)	(22)
Boiling sterilizers(Electric)	0	0
Boiling sterilizers(Kerosene)	1	0
Pen torches	1	0
Baby weighing scale	1	0
Height, weighing scale	0	0
Fahrenheit thermometers	1	0
First aid set	0	1
D and C set	0	0
Sphygmomanometer (Aneroid portable)	1	1
Sphygmomanometer (Mercury stand)	0	1
Stethoscope	1	1
Fetoscope	0	0
Examination table	0	0
Cold box and vaccine carrier	1	1
Fridge(electric type)	0	1
Lockable cupboards for medicines	2	2
Bowl, kidney dish,dressing tray	1	2
Delivery table(simple type)	0	0
Ambu bag(Adult)	0	0
Ambu bag(Infant)	0	0
ENT diagnostic set	0	0
Examination light	0	0
Speculum for OB/GY	0	0
I/V stand	0	1
Revolving stool	2	2
Screen (3 partition)	0	2
Oxygen cylinder with flowmeter and mask	0	0
Filtrate water tank	0	0
Basin unit	0	0

3)-8 District Lasbela (37 sites)

Existing Equipment	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
Boiling sterilizers(Electric)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Boiling sterilizers(Kerosene)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pen torches	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Baby weighing scale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Height, weighing scale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fahrenheit thermometers	2	0	2	2	2	2	2	2	2	2	2	1	0	2	0	1	1	1	1	2
First aid set	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D and C set	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sphygmomanometer (Aneroid portable)	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	1
Sphygmomanometer (Mercury stand)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stethoscope	1	0	0	1	1	0	0	1	1	1	1	0	1	1	1	0	0	0	0	1
Fetoscope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Examination table	1	0	1	1	1	1	1	1	1	1	1	2	1	1	2	1	1	1	1	3
Cold box and vaccine carrier	0	0	0	0	3	3	0	0	0	0	0	0	0	0	1	0	0	0	0	2
Fridge(electric type)	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	1
Lockable cupboards for medicines	1	1	1	1	2	2	1	1	2	1	1	3	1	1	2	1	1	1	1	4
Bowl, kidney dish,dressing tray	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	4
Delivery table(simple type)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ambu bag(Adult)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ambu bag(Infant)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ENT diagnostic set	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Examination light	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Speculum for OB/GY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I/V stand	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	0	0	0	0	1
Revolving stool	1	2	0	1	1	0	0	1	2	1	1	0	2	1	1	1	1	1	1	2
Screen (3 partition)	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Oxygen cylinder with flowmeter and mask	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Filtrate water tank	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Basin unit	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Existing Equipment	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)
Boiling sterilizers(Electric)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Boiling sterilizers(Kerosene)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pen torches	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0
Baby weighing scale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Height, weighing scale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fahrenheit thermometers	1	1	1	3	1	1	1	1	1	1	1	1	1	1	1	2	2
First aid set	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D and C set	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Sphygmomanometer (Aneroid portable)	1	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0
Sphygmomanometer (Mercury stand)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stethoscope	1	0	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0
Fetoscope	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
Examination table	2	1	1	2	1	1	1	1	1	0	1	1	1	1	0	1	0
Cold box and vaccine carrier	3	0	0	4	0	0	0	3	0	0	0	0	0	0	0	0	0
Fridge(electric type)	1	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0
Lockable cupboards for medicines	3	1	1	3	1	1	1	3	1	1	1	1	1	1	1	1	1
Bowl, kidney dish,dressing tray	0	0	0	4	0	0	0	2	0	0	0	0	0	0	0	0	0
Delivery table(simple type)	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Ambu bag(Adult)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ambu bag(Infant)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ENT diagnostic set	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Examination light	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Speculum for OB/GY	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
I/V stand	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	0
Revolving stool	0	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1
Screen (3 partition)	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxygen cylinder with flowmeter and mask	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Filtrate water tank	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Basin unit	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

5-3 Selective Determination Table

2. Required Equipment Determination List

1) DHQ Hospital

1)-1 District Sibi

Hospital : DHQ Sibi

Item	Description	No. of Required equipment	Existing Equipment	Criteria							Other Reason of Deleted Equipment	Priority	Location	Purpose of Requirement			No. of Planned Equipment
				①	②	③	④	⑤	⑥	⑦				Replce	Add	New	
DHQ- 3	Baby weighing scale	2	1	○	○	○	○	○	○	○		A	Ward (Paediatric) OPD (Paediatric)	1	1		2
DHQ- 4	Adult weighing scale	2	1	○	○	○	○	○	○	○		A	OPD (Medical)	1			1
DHQ- 5	Height, Weighing scale	1	0	○	○	○	○	○	○	○		A	OPD (Screening)			1	1
DHQ- 6	Fahrenheit thermometers	20	1	○	○	○	○	○	○	○		A	OPD	1	5		6
DHQ- 7	Minor surgery set (Needles, Needle-holders, Dissecting forceps, Suturing silk, Straight scissors, Cullet, and Crocodile forceps)	2	1	○	○	○	○	○	○	○		A	OT	1	2		3
DHQ- 8	Sphygmomanometer (Mercury stand)	12	5	○	○	○	○	○	○	○		A	OPD (Medical) OPD (Surgical) OPD (ENT)	3			3
DHQ- 9	Stethoscope	2	7	○	○	○	○	○	○	○		A	OPD	2			2
DHQ- 10	Fetoscope	2	1	○	○	○	○	○	○	○		A	OPD (LMO)	1			1
DHQ- 11	Examination table	12	7	○	○	○	○	○	○	○		A	OPD (Paediatric) Emergency	1	1		2
DHQ- 13	Lockable cupboards for medicines	8	6	○	○	○	○	○	○	○		A	OPD (Screening)		1		1
DHQ- 15	Delivery table (Simple type)	1	2	○	○	○	○	○	○	○		A	Delivery	1			1
DHQ- 16-1	Ambu bag (Adult)	1	0	○	○	○	○	○	○	○		A	Ward OPD			2	2
DHQ- 17	ENT unit with accessories	1	1	○	○	○	○	○	○	○		A	OPD (ENT)			1	1
DHQ- 18	Examination light	9	2	○	○	○	○	○	○	○		A	Emergency	2			2
DHQ- 19	Speculum for OB/GY	2	3	○	○	○	○	○	○	○		A	OPD (LMO)	3	7		10
DHQ- 20	I/V stand	15	0	○	○	○	○	○	○	○		A	Ward			5	5
DHQ- 21	Revolving stool	15	12	○	○	○	○	○	○	○		A	OPD (Paediatric)	3			3
DHQ- 22	Screen (3 partition)	12	1	○	○	○	○	○	○	○		A	Ward (Female)	1			1
DHQ- 23	Dental chair and accessories	1	2	○	○	○	○	○	○	○		A	Dental	1			1
DHQ- 24	Dental instrument	1	1	○	○	○	○	○	○	○		A	Dental	1	1		2
DHQ- 29-2	Suction machine (Small)	2	1	○	○	○	○	○	○	○		A	Delivery	1			1
DHQ- 30	Diathermy	2	1	○	○	○	○	○	○	○		A	Dental		1		1
DHQ- 31	Generator and battery system (UP to 30KVA)	1	2	○	○	○	○	○	○	○		A	Generator RM	1			1
DHQ- 34	All surgery instrument set	1	2	○	○	○	○	○	○	○		A	OT	2			2
DHQ- 35	Gynae/Obs set (Including Caesarean)	1	0	○	○	○	○	○	○	○		A	OT			1	1
DHQ- 36	Autoclave large (Electric, Kerosine dual type)	1	4	○	○	○	○	○	○	○		A	OT	1			1
DHQ- 39	Mobile OT light with battery	1	1	○	○	○	○	○	○	○		A	Emergency	1			1

Item	Description	No. of Required equipment	Existing Equipment	Criteria							Other Reason of Deleted Equipment	Priority	Location	Purpose of Requirement			No. of Planned Equipment
				①	②	③	④	⑤	⑥	⑦				Repla ce	Add	New	
DHQ- 42	X-ray machine and accessories	1	1	○	○	○	○	○	○	○		A	X-ray RM	1			1
DHQ- 44	Ambulance	1	2	○	○	○	○	○	○	○		A	Inside Hospital	1			1
DHQ- 45-1	Laryngoscope(Adult)	1	0	○	○	○	○	○	○	○		A	OPD (ENT)			1	1
DHQ- 45-2	Laryngoscope(Infant)	1	0	○	○	○	○	○	○	○		A	OPD (ENT)			1	1
DHQ- 46	Buckets	6	0	○	○	○	○	○	○	○		A	OT 2pcs. Ward 5pcs.			7	7
DHQ- 49	Infant incubator	1	1	○	○	○	○	○	○	○		A	Ward (Paediatric)	1			1
DHQ- 55	Oxygen cylinder with flowmeter and mask	2	1	○	○	○	○	○	○	○		A	Ward		1		1
DHQ- 56	Nebulizer	2	0	○	○	○	○	○	○	○		A	Ward (Paediatric)			1	1

Additional Request

ADD- 1	Water pump	1	1	○	○	○	○	○	○	○		A	Inside Hospital	1			1
ADD- 2	Plaster cutter	1	0	○	○	○	○	○	○	○		A	OPD			1	1
ADD- 3	Water distillation unit	1	0	○	○	○	○	○	○	○		A	Dental			1	1

1)-2 District Bolan

Hospital : DHQ Dhadar

Item	Description	No. of Required equipment	Existing Equipment	Criteria							Other Reason of Deleted Equipment	Priority	Location	Purpose of Requirement			No. of Planned Equipment
				①	②	③	④	⑤	⑥	⑦				Replac	Add	New	
DHQ- 1-1	Boiling sterilizers(Electric)	4	3	○	○	○	○	○	○	○		A	Delivery RM Dental RM Emergency RM OT	3	1		4
DHQ- 2	Pen torches	10	2	○	○	○	○	○	○	○		A	OPD	2	3		5
DHQ- 3	Baby weighing scale	2	0	○	○	○	○	○	○	○		A	Delivery RM			1	1
DHQ- 4	Adult weighing scale	2	1	○	○	○	○	○	○	○		A	OPD	1			1
DHQ- 5	Height, Weighing scale	1	1	○	○	○	○	○	○	○		A	OPD	1			1
DHQ- 6	Fahrenheit thermometers	20	5	○	○	○	○	○	○	○		A	OPD	5	5		10
DHQ- 7	Minor surgery set(Needles, Needle-holders, Dissecting forceps, Suturing silk, Straight scissors, Cullet, and Crocodile forceps)	2	1	○	○	○	○	○	○	○		A	Emergency RM	1	1		2
DHQ- 8	Sphygmomanometer (Mercury stand)	12	2	○	○	○	○	○	○	○		A	OPD	2	3		5
DHQ- 9	Stethoscope	2	2	○	○	○	○	○	○	○		A	OPD	2	3		5
DHQ- 10	Fetoscope	2	1	○	○	○	○	○	○	○		A	MCH center	1	1		2
DHQ- 11	Examination table	12	4	○	○	○	○	○	○	○		A	OPD(male) OPD(female) MCH center MS RM	4			4
DHQ- 12	Fridge with AVR	3	1	○	○	○	○	○	○	○		A	Medicine store OT		2		2
DHQ- 13	Lockable cupboards for medicines	8	10	○	○	○	○	○	○	○		A	OT 1pc. Medicine store 7pcs.	7	1		8
DHQ- 14	Bowl, Kidney dish, Dressing tray(S, M, L)	6	4	○	○	○	○	○	○	○		A	Ward OT	2			2
DHQ- 15	Delivery table(Simple type)	1	1	○	○	○	○	○	×	○		B	-				0
DHQ- 16-1	Ambu bag(Adult)	1	0	○	○	○	○	○	○	○		A	OT			1	1
DHQ- 18	Examination light	9	0	○	○	○	○	○	○	○		A	OPD(male) OPD(female) Emergency RM			3	3
DHQ- 19	Speculum for OB/GY	2	2	○	○	○	○	○	×	○		B	-				0
DHQ- 20	I/V stand	15	5	○	○	○	○	○	○	○		A	Ward	5	5		10
DHQ- 21	Revolving stool	15	3	○	○	○	○	○	○	○		A	OPD	3	2		5
DHQ- 22	Screen(3 partition)	12	5	○	○	○	○	○	○	○		A	Ward	5	5		10
DHQ- 27	Anesthesia machine with Ventilator	1	0	○	○	○	○	○	×	○		C	-				0
DHQ- 28	BP, Pulse oxymeter	1	0	○	○	○	○	○	×	○		C	-				0
DHQ- 29-1	Suction machine(Large)	4	0	○	○	○	○	○	○	○		A	OT			1	1
DHQ- 29-2	Suction machine(Small)	2	1	○	○	○	○	○	○	○		A	Emergency RM Delivery RM	1	1		2
DHQ- 30	Diathermy	2	1	○	○	○	○	○	×	○		C	-				0

Item	Description	No. of Required equipment	Existing Equipment	Criteria							Other Reason of Deleted Equipment	Priority	Location	Purpose of Requirement			No. of Planned Equipment
				①	②	③	④	⑤	⑥	⑦				Replac	Add	New	
DHQ- 31	Generator and battery system (UP to 30KVA)	1	1	○	○	○	○	○	○	○		A	Generator RM	1			1
DHQ- 33	Eye diagnostic set	1	1	○	○	○	○	○	○	○		A	OPD	1			1
DHQ- 35	Gynae/Obs set(Including Caesarean)	1	1	○	○	○	○	x	○	○		B or C	-				0
DHQ- 37	Trolley for medicine	6	2	○	○	○	○	○	○	○		A	Ward 4pcs. OT 1pc.	2	3		5
DHQ- 38	Stretcher with trolley	2	2	○	○	○	○	○	○	○		A	OT Emergency RM	2			2
DHQ- 39	Mobile OT light with battery	1	0	○	○	○	○	x	○	○		C	-				0
DHQ- 40	OT light(ceiling type 2 arm)	1	1	○	○	○	○	x	○	○		C	-				0
DHQ- 41	OT table	1	1	○	○	○	○	x	○	○		C	-				0
DHQ- 44	Ambulance	1	2	○	○	○	○	○	○	○		A	Inside hospital	1			1
DHQ- 45-1	Laryngoscope(Adult)	1	0	○	○	○	○	○	○	○		A	OT			1	1
DHQ- 46	Buckets	6	2	○	○	○	○	○	○	○		A	OPD(male) OPD(female) MCH center Emergency RM OT Ward	2	4		6
DHQ- 48	Infant warmer	1	0	○	○	○	○	○	○	○		A	Ward(Paediatric)			1	1
DHQ- 55	Oxygen cylinder with flowmeter and mask	2	3	○	○	○	○	○	○	○		A	Emergency RM OT	2			2
DHQ- 56	Nebulizer	2	0	○	○	○	○	○	○	○		A	Ward			1	1
DHQ- 58	Patient monitor	2	0	○	○	○	○	x	○	○		C	-				0

Additional Request

ADD- 2	Plaster cutter	1	0	○	○	○	○	○	○	○		A	OPD			1	1
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1-3) District Nasirabad

Hospital : DHQ D. M. Jamali

Item	Description	No. of Required equipment	Existing Equipment	Criteria							Other Reason of Deleted Equipment	Priority	Location	Purpose of Requirement			No. of Planned Equipment
				①	②	③	④	⑤	⑥	⑦				Repl ce	Add	New	
DHQ- 1-1	Boiling sterilizers(Electric)	4	2	○	○	○	○	○	○	○		A	Dental RM 1pc. Emergency RM 1pc. Ward 1pc. Delivery RM 1pc.	2	2		4
DHQ- 2	Pen torches	10	4	○	○	○	○	○	○	○		A	OPD	4	6		10
DHQ- 3	Baby weighing scale	2	1	○	○	○	○	○	○	○		A	OPD(LMO)	1			1
DHQ- 4	Adult weighing scale	2	0	○	○	○	○	○	○	○		A	OPD(Paediatric)			1	1
DHQ- 5	Height, Weighing scale	1	0	○	○	○	○	○	○	○		A	OPD(Medicine)			1	1
DHQ- 7	Minor surgery set(Needles, Needle-holders, Dissecting forceps, Suturing silk, Straight scissors, Cullet, and Crocodile forceps)	2	1	○	○	○	○	○	○	○		A	Emergency RM	1	1		2
DHQ- 8	Sphygmomanometer (Mercury stand)	12	5	○	○	○	○	○	○	○		A	Ward Emergency RM Srgical Medicine OPD Paediatric	5	1		6
DHQ- 11	Examination table	12	5	○	○	○	○	○	○	○		A	OPD(Medicine) Surgical Emergency RM OPD 2pcs.		5		5
DHQ- 12	Fridge with AVR	3	1	○	○	○	○	○	○	○		A	Madicine store Labo	1	1		2
DHQ- 13	Lockable cupboards for medicines	8	10	○	○	○	○	○	○	○		A	Medicine store	5			5
DHQ- 14	Bowl, Kidney dish, Dressing tray(S, M, L)	6	5	○	○	○	○	○	○	○		A	Emergency RM	2			2
DHQ- 15	Delivery table(Simple type)	1	2	○	○	○	○	○	○	○		A	Delivery RM	1			1
DHQ- 16-1	Ambu bag(Adult)	1	1	○	○	○	○	○	○	○		A	OT	1			1
DHQ- 16-2	Ambu bag(Infant)	1	0	○	○	○	○	○	○	○		A	OT			1	1
DHQ- 18	Examination light	9	0	○	○	○	○	○	○	○		A	OPD(Medicine) OPD(MS) OPD			3	3
DHQ- 19	Speculum for OB/GY	2	2	○	○	○	○	○	○	○		A	OPD(LMO)	2			2
DHQ- 20	I/V stand	15	10	○	○	○	○	○	○	○		A	Ward	4			4
DHQ- 21	Revolving stool	15	10	○	○	○	○	○	○	○		A	OPD	7			7
DHQ- 22	Screen(3 partition)	12	10	○	○	○	○	○	○	○		A	Ward	4			4
DHQ- 24	Dental instrument	1	1	○	○	○	○	○	○	○		A	Dental RM	1			1
DHQ- 27	Anesthesia machine with Ventilator	1	1	○	○	○	○	○	○	○		A	OT	1			1
DHQ- 28	BP, Pulse oxymeter	1	0	○	○	○	○	○	○	○		A	ICU			1	1
DHQ- 29-1	Suction machine(Large)	4	1	○	○	○	○	○	○	○		A	OT	1			1
DHQ- 29-2	Suction machine(Small)	2	1	○	○	○	○	○	○	○		A	Emergency RM Ward	1	1		2

Item	Description	No. of Required equipment	Existing Equipment	Criteria							Other Reason of Deleted Equipment	Priority	Location	Purpose of Requirement			No. of Planned Equipment
				①	②	③	④	⑤	⑥	⑦				Replac ce	Add	New	
DHQ- 30	Diathermy	2	1	○	○	○	○	○	○	○		A	OT	1			1
DHQ- 31	Generator and battery system (UP to 30KVA)	1	1	○	○	○	○	○	○	○		A	Generator RM	1			1
DHQ- 33	Eye diagnostic set	1	1	○	○	○	○	○	○	○		A	OPD (MS)	1			1
DHQ- 34	All surgery instrument set	1	1	○	○	○	○	○	○	○		A	OT	1			1
DHQ- 35	Gynae/Obs set(Including Caesarean)	1	1	○	○	○	○	×	○	○		B	-				0
DHQ- 36	Autoclave large (Electric, Kerosine dual type)	1	1	○	○	○	○	○	○	○		A	OT	1			1
DHQ- 38	Stretcher with trolley	2	3	○	○	○	○	○	○	○		A	OT	1			1
DHQ- 39	Mobile OT light with battery	1	0	○	○	○	○	○	○	○		A	OT			1	1
DHQ- 40	OT light(ceiling type 2 arm)	1	1	○	○	○	○	○	○	○		A	OT	1			1
DHQ- 42	X-ray machine and accessories	1	1	○	○	○	○	○	○	○		A	X-ray RM	1			1
DHQ- 44	Ambulance	1	2	○	○	○	○	○	○	○		A	Inside hospital	1			1
DHQ- 45-1	Laryngoscope(Adult)	1	1	○	○	○	○	○	○	○		A	OT	1			1
DHQ- 45-2	Laryngoscope(Infant)	1	1	○	○	○	○	○	○	○		A	OT	1			1
DHQ- 46	Buckets	6	3	○	○	○	○	○	○	○		A	OPD Ward 2pcs. OT 1pc. Emergency RM 2pcs.	3	3		6
DHQ- 48	Infant warmer	1	0	○	○	○	○	○	○	○		A	ICU			1	1
DHQ- 56	Nebulizer	2	0	○	○	○	○	○	○	○		A	Ward			1	1
DHQ- 58	Patient monitor	2	2	○	○	○	○	○	○	○		A	OT		1		1
DHQ- 59	Defibrillator	1	1	○	○	○	○	○	○	○		A	ICU	1			1

Additional Request

ADD- 2	Plaster cutter	1	0	○	○	○	○	○	○	○		A	OPD			1	1
ADD- 3	Water distillation unit	1	0	○	○	○	○	○	○	○		A	Dental RM			1	1

1)-4 District Jaffarabad

Hospital : DHQ Dera Allak Yar

Item	Description	No. of Required equipment	Existing Equipment	Criteria								Other Reason of Deleted Equipment	Priority	Location	Purpose of Requirement			No. of Planned Equipment
				①	②	③	④	⑤	⑥	⑦					Repl ce	Add	New	
DHQ- 1-1	Boiling sterilizers(Electric)	4	2	○	○	○	○	○	○	○			A	OPD (LMO) OT Ward Emergency RM	2	2		4
DHQ- 2	Pen torches	10	2	○	○	○	○	○	○	○			A	OPD	2	6		8
DHQ- 3	Baby weighing scale	2	1	○	○	○	○	○	○	○			A	OPD (LMO)	1			1
DHQ- 4	Adult weighing scale	2	0	○	○	○	○	○	○	○			A	OPD			1	1
DHQ- 5	Height, Weighing scale	1	0	○	○	○	○	○	○	○			A	OPD			1	1
DHQ- 6	Fahrenheit thermometers	20	4	○	○	○	○	○	○	○			A	OPD	4	6		10
DHQ- 7	Minor surgery set(Needles, Needle-holders, Dissecting forceps, Suturing silk, Straight scissors, Cullet, and Crocodile forceps)	2	1	○	○	○	○	○	○	○			A	Emergency RM	1	1		2
DHQ- 8	Sphygmomanometer (Mercury stand)	12	3	○	○	○	○	○	○	○			A	OPD	3	5		8
DHQ- 9	Stethoscope	2	2	○	○	○	○	○	○	○			A	OPD	2			2
DHQ- 10	Fetoscope	2	1	○	○	○	○	○	○	○			A	OPD (LMO)	1	1		2
DHQ- 11	Examination table	12	4	○	○	○	○	○	○	○			A	OPD (LMO) OPD	2			2
DHQ- 12	Fridge with AVR	3	1	○	○	○	○	×	○	○			B	-				0
DHQ- 13	Lockable cupboards for medicines	8	10	○	○	○	○	○	○	○			A	Dispensary RM	4			4
DHQ- 14	Bowl, Kidney dish, Dressing tray(S, M, L)	6	5	○	○	○	○	○	○	○			A	Emergency RM 2pcs. OPD (LMO) 2pcs. Ward 2pcs.	6			6
DHQ- 16-1	Ambu bag(Adult)	1	0	○	○	○	○	○	○	○			A	Emergency RM			1	1
DHQ- 18	Examination light	9	0	○	○	○	○	○	○	○			A	OPD (LMO) OPD			2	2
DHQ- 19	Speculum for OB/GY	2	2	○	○	○	○	○	○	○			A	OPD (LMO)	2			2
DHQ- 20	I/V stand	15	11	○	○	○	○	○	○	○			A	Ward 8pcs. OPD 1pc.	9			9
DHQ- 21	Revolving stool	15	3	○	○	○	○	○	○	○			A	OPD	3	5		8
DHQ- 22	Screen(3 partition)	12	5	○	○	○	○	○	○	○			A	Ward 8pcs. OPD (LMO) 2pcs.	5	5		10
DHQ- 23	Dental chair and accessories	1	0	○	○	○	○	○	○	○			A	Dental RM			1	1
DHQ- 24	Dental instrument	1	0	○	○	○	○	○	○	○			A	Dental RM			1	1
DHQ- 27	Anesthesia machine with Ventilator	1	1	○	○	○	○	×	○	○			B	-				0
DHQ- 28	BP, Pulse oxymeter	1	0	○	○	○	○	×	○	○			B	-				0
DHQ- 29-1	Suction machine(Large)	4	1	○	○	○	○	○	○	○			A	OT	1			1
DHQ- 29-2	Suction machine(Small)	2	2	○	○	○	○	○	○	○			A	OPD (LMO) Emergency RM	2			2
DHQ- 30	Diathermy	2	0	○	○	○	○	×	○	○			B	-				0

Item	Description	No. of Required equipment	Existing Equipment	Criteria							Other Reason of Deleted Equipment	Priority	Location	Purpose of Requirement			No. of Planned Equipment
				①	②	③	④	⑤	⑥	⑦				Repl ce	Add	New	
DHQ- 31	Generator and battery system (UP to 30KVA)	1	1	○	○	○	○	○	○	○		Q	Inside hospital	1			1
DHQ- 32-1	Centrifuge	1	1	○	○	○	○	○	○	○		A	Labo	1			1
DHQ- 32-3	Microscope	1	1	○	○	○	○	○	○	○		A	Labo	1			1
DHQ- 33	Eye diagnostic set	1	0	○	○	○	○	○	○	○		A	OPD			1	1
DHQ- 34	All surgery instrument set	1	1	○	○	○	○	×	○	○		B	-				0
DHQ- 35	Gynae/Obs set(Including Caesarean)	1	0	○	○	○	○	×	○	○		B	-				0
DHQ- 36	Autoclave large (Electric, Kerosine dual type)	1	1	○	○	○	○	○	○	○		A	OT	1			1
DHQ- 37	Trolley for medicine	6	4	○	○	○	○	○	○	○		A	Ward	4	2		6
DHQ- 38	Stretcher with trolley	2	4	○	○	○	○	○	○	○		A	Emergency RM OT	2			2
DHQ- 40	OT light(ceiling type 2 arm)	1	1	○	○	○	○	×	○	○		B	-				0
DHQ- 44	Ambulance	1	2	○	○	○	○	○	○	○		A	Inside hospital	1			1
DHQ- 45-1	Laryngoscope(Adult)	1	0	○	○	○	○	○	○	○		A	OT, Emergency RM			1	1
DHQ- 46	Buckets	6	0	○	○	○	○	○	○	○		A	Ward(male)2pcs. Ward(female)2pcs. OPD (LMO)1pc. OPD 1pc.			6	6
DHQ- 55	Oxygen cylinder with flowmeter and mask	2	4	○	○	○	○	○	○	○		A	OT	2			2
DHQ- 58	Patient monitor	2	0	○	○	○	○	×	○	○		B	-				0

Additional Request

ADD- 2	Plaster cutter	1	0	○	○	○	○	○	○	○		A	OPD			1	1
ADD- 3	Water distillation unit	1	0	○	○	○	○	○	○	○		A	Dental RM			1	1

1)-5 District Kalat

Hospital : DHQ Kalat

Item	Description	No. of Required equipment	Existing Equipment	Criteria							Other Reason of Deleted Equipment	Priority	Location	Purpose of Requirement			No. of Planned Equipment
				①	②	③	④	⑤	⑥	⑦				Repl ce	Add	New	
DHQ- 1-1	Boiling sterilizers(Electric)	4	5	○	○	○	○	○	○	○		A	OT 2pcs. Dental RM Emergency RM Delivery RM	5			5
DHQ- 2	Pen torches	10	4	○	○	○	○	○	○	○		A	OPD	1			1
DHQ- 4	Adult weighing scale	2	0	○	○	○	○	○	○	○		A	OPD			1	1
DHQ- 5	Height, Weighing scale	1	0	○	○	○	○	○	○	○		A	OPD			1	1
DHQ- 6	Fahrenheit thermometers	20	2	○	○	○	○	○	○	○		A	OPD	2	2		4
DHQ- 7	Minor surgery set(Needles, Needle-holders, Dissecting forceps, Suturing silk, Straight scissors, Cullet, and Crocodile forceps)	2	1	○	○	○	○	○	○	○		A	OT	1	1		2
DHQ- 8	Sphygmomanometer (Mercury stand)	12	3	○	○	○	○	○	○	○		A	OPD	1			1
DHQ- 9	Stethoscope	2	3	○	○	○	○	○	○	○		A	OPD	2			2
DHQ- 10	Fetoscope	2	2	○	○	○	○	○	○	○		A	Delivery RM	2			2
DHQ- 13	Lockable cupboards for medicines	8	7	○	○	○	○	○	○	○		A	Emergency RM	3			3
DHQ- 14	Bowl, Kidney dish, Dressing tray(S, M, L)	6	1	○	○	○	○	○	○	○		A	Emergency RM	1			1
DHQ- 16-2	Ambu bag(Infant)	1	0	○	○	○	○	○	○	○		A	Ward			2	2
DHQ- 18	Examination light	9	0	○	○	○	○	○	○	○		A	OPD 2pcs. OPD(MO)			3	3
DHQ- 19	Speculum for OB/GY	2	0	○	○	○	○	○	○	○		A	OPD(OB/GY)			10	10
DHQ- 22	Screen(3 partition)	12	4	○	○	○	○	○	○	○		A	Emergency RM	1			1
DHQ- 23	Dental chair and accessories	1	2	○	○	○	○	○	○	○		A	Dental RM	1			1
DHQ- 24	Dental instrument	1	1	○	○	○	○	○	○	○		A	Dental RM	1	1		2
DHQ- 28	BP, Pulse oxymeter	1	0	○	○	○	○	○	○	○		C	OT			1	1
DHQ- 29-1	Suction machine(Large)	4	0	○	○	○	○	○	○	○		A	OT	1			1
DHQ- 29-2	Suction machine(Small)	2	4	○	○	○	○	○	○	○		A	Emergency RM Delivery RM	2			2
DHQ- 30	Diathermy	2	1	○	○	○	○	○	○	○		C	OT	1			1
DHQ- 33	Eye diagnostic set	1	1	○	○	○	○	○	○	○		A	OPD	1			1
DHQ- 34	All surgery instrument set	1	2	○	○	○	○	×	○	○		C	-				0
DHQ- 35	Gynae/Obs set(Including Caesarean)	1	0	○	○	○	○	○	○	○		B or C	OT			1	1
DHQ- 38	Stretcher with trolley	2	7	○	○	○	○	○	○	○		A	Delivery RM Emergency RM	2			2
DHQ- 39	Mobile OT light with battery	1	1	○	○	○	○	○	○	○		C	OT	1			1

Item	Description	No. of Required equipment	Existing Equipment	Criteria							Other Reason of Deleted Equipment	Priority	Location	Purpose of Requirement			No. of Planned Equipment
				①	②	③	④	⑤	⑥	⑦				Repla ce	Add	New	
DHQ- 40	OT light(ceiling type 2 arm)	1	1	○	○	○	○	○	○	○		C	OT	1			1
DHQ- 41	OT table	1	2	○	○	○	○	○	○	○		C	OT	1			1
DHQ- 44	Ambulance	1	2	○	○	○	○	○	○	○		A	Inside hospital	1			1
DHQ- 45-1	Laryngoscope(Adult)	1	0	○	○	○	○	x	○	○		C	-				0
DHQ- 46	Buckets	6	2	○	○	○	○	○	○	○		A	Emergency RM Delivery RM OT	2	1		3
DHQ- 48	Infant warmer	1	0	○	○	○	○	○	○	○		A	Delivery RM			1	1
DHQ- 50	ECG(3 channel)	1	1	○	○	○	○	○	○	○		A	OPD	1			1
DHQ- 56	Nebulizer	2	0	○	○	○	○	○	○	○		A	Ward			1	1
Additional Request																	
ADD- 2	Plaster cutter	1	0	○	○	○	○	○	○	○		A	OPD			1	1
ADD- 3	Water distillation unit	1	0	○	○	○	○	○	○	○		A	Dental RM			1	1

1-6) District Khuzdar

Hospital : DHQ Khuzdar

Item	Description	No. of Required equipment	Existing Equipment	Criteria							Other Reason of Deleted Equipment	Priority	Location	Purpose of Requirement			No. of Planned Equipment
				①	②	③	④	⑤	⑥	⑦				Replac	Add	New	
DHQ- 1-1	Boiling sterilizers(Electric)	4	5	○	○	○	○	○	○	○		A	OPD OT OT(eye) Pathology	2	2		4
DHQ- 2	Pen torches	10	15	○	○	○	○	○	○	○		A	OPD	10			10
DHQ- 3	Baby weighing scale	2	1	○	○	○	○	○	○	○		A	OPD(OB/GY)	1	1		2
DHQ- 4	Adult weighing scale	2	0	○	○	○	○	○	○	○		A	OPD OPD(OB/GY)			2	2
DHQ- 5	Height, Weighing scale	1	0	○	○	○	○	○	○	○		A	OPD			1	1
DHQ- 6	Fahrenheit thermometers	20	10	○	○	○	○	○	○	○		A	OPD	10	10		20
DHQ- 7	Minor surgery set(Needles, Needle-holders, Dissecting forceps, Suturing silk, Straight scissors, Cullet, and Crocodile forceps)	2	1	○	○	○	○	○	○	○		A	OT		2		2
DHQ- 8	Sphygmomanometer (Mercury stand)	12	6	○	○	○	○	○	○	○		A	Blood bank ENT Paediatric Surgical OPD(OB/GY)	6	6		12
DHQ- 9	Stethoscope	2	10	○	○	○	○	○	○	○		A	OPD	2			2
DHQ- 10	Fetoscope	2	1	○	○	○	○	○	○	○		A	OPD(OB/GY)	1			1
DHQ- 12	Fridge with AVR	3	3	○	○	○	○	○	○	○		A	Blood bank	3			3
DHQ- 16-1	Ambu bag(Adult)	1	0	○	○	○	○	○	○	○		A	OPD			1	1
DHQ- 16-2	Ambu bag(Infant)	1	1	○	○	○	○	○	○	○		A	OPD(OB/GY)		1		1
DHQ- 17	ENT unit with accessories	1	1	○	○	○	○	○	○	○		A	ENT	1			1
DHQ- 18	Examination light	9	0	○	○	○	○	○	○	○		A	OPD			1	1
DHQ- 23	Dental chair and accessories	1	2	○	○	○	○	○	○	○		A	Dental RM	1			1
DHQ- 24	Dental instrument	1	1	○	○	○	○	○	○	○		A	Dental RM	1			1
DHQ- 27	Anesthesia machine with Ventilator	1	2	○	○	○	○	○	○	○		A	OT	1			1
DHQ- 28	BP, Pulse oxymeter	1	1	○	○	○	○	○	○	○		A	OT	1			1
DHQ- 29-1	Suction machine(Large)	4	1	○	○	○	○	○	○	○		A	OT	1			1
DHQ- 29-2	Suction machine(Small)	2	1	○	○	○	○	○	○	○		A	OPD	1			1
DHQ- 30	Diathermy	2	0	○	○	○	○	○	○	○		A	OT			1	1
DHQ- 32-1	Centrifuge	1	1	○	○	○	○	○	○	○		A	Labo	1			1
DHQ- 32-3	Microscope	1	1	○	○	○	○	○	○	○		A	Labo	1			1
DHQ- 34	All surgery instrument set	1	1	○	○	○	○	○	○	○		A	OT	1			1
DHQ- 35	Gynae/Obs set(Including Caesarean)	1	1	○	○	○	○	○	○	○		A	OPD(OB/GY)	1			1

Item	Description	No. of Required equipment	Existing Equipment	Criteria							Other Reason of Deleted Equipment	Priority	Location	Purpose of Requirement			No. of Planned Equipment
				①	②	③	④	⑤	⑥	⑦				Repl ce	Add	New	
DHQ- 36	Autoclave large (Electric, Kerosine dual type)	1	1	○	○	○	○	○	○	○		C	OT	1			1
DHQ- 37	Trolley for medicine	6	0	○	○	○	○	○	○	○		A	Dispensary RM			1	1
DHQ- 38	Stretcher with trolley	2	2	○	○	○	○	○	○	○		A	OT	2			2
DHQ- 44	Ambulance	1	2	○	○	○	○	○	○	○		A	Inside hospital	1			1
DHQ- 45-1	Laryngoscope(Adult)	1	0	○	○	○	○	○	○	○		A	OT			1	1
DHQ- 45-2	Laryngoscope(Infant)	1	0	○	○	○	○	○	○	○		A	OT			1	1
DHQ- 46	Buckets	6	0	○	○	○	○	○	○	○		A	OT			3	3
DHQ- 50	ECG(3 channel)	1	0	○	○	○	○	○	○	○		A	OT			1	1
DHQ- 51	Surgical drum	1	1	○	○	○	○	○	○	○		A	OT	1			1
DHQ- 54	Wheel chair	2	0	○	○	○	○	○	○	○		A	Ward			2	2
DHQ- 55	Oxygen cylinder with flowmeter and mask	2	1	○	○	○	○	○	○	○		A	OT		2		2
DHQ- 58	Patient monitor	2	0	○	○	○	○	○	○	○		A	OT			1	1

Additional Request

ADD- 2	Plaster cutter	1	0	○	○	○	○	○	○	○		A	OPD			1	1
ADD- 3	Water distillation unit	1	0	○	○	○	○	○	○	○		A	Dental RM			1	1

1)-7 District Lasbela

Hospital : DHQ Lasbela

Item	Description	No. of Required equipment	Existing Equipment	Criteria							Other Reason of Deleted Equipment	Priority	Location	Purpose of Requirement			No. of Planned Equipment
				①	②	③	④	⑤	⑥	⑦				Repl ce	Add	New	
DHQ- 2	Pen torches	10	7	○	○	○	○	○	○	○		A	OPD	7			7
DHQ- 4	Adult weighing scale	2	1	○	○	○	○	○	○	○		A	OPD	1			1
DHQ- 5	Height, Weighing scale	1	0	○	○	○	○	○	○	○		A	OPD			1	1
DHQ- 6	Fahrenheit thermometers	20	10	○	○	○	○	○	○	○		A	OPD	10	10		20
DHQ- 7	Minor surgery set(Needles, Needle-holders, Dissecting forceps, Suturing silk, Straight scissors, Cullet, and Crocodile forceps)	2	1	○	○	○	○	○	○	○		A	OT		1		1
DHQ- 8	Sphygmomanometer (Mercury stand)	12	0	○	○	○	○	○	○	○		A	OPD			2	2
DHQ- 9	Stethoscope	2	0	○	○	○	○	○	○	○		A	OPD			2	2
DHQ- 10	Fetoscope	2	1	○	○	○	○	○	○	○		A	OPD(OB/GY)	1			1
DHQ- 11	Examination table	12	4	○	○	○	○	○	○	○		A	OPD	2			2
DHQ- 14	Bowl, Kidney dish, Dressing tray(S, M, L)	6	0	○	○	○	○	○	○	○		A	OPD			2	2
DHQ- 15	Delivery table(Simple type)	1	1	○	○	○	○	○	○	○		A	OB/GY	1			1
DHQ- 16-1	Ambu bag(Adult)	1	0	○	○	○	○	○	○	○		A	OT			1	1
DHQ- 17	ENT unit with accessories	1	0	○	○	○	○	○	○	○		A	OT			1	1
DHQ- 18	Examination light	9	0	○	○	○	○	○	○	○		A	OPD OPD(OB/GY)			3	3
DHQ- 19	Speculum for OB/GY	2	0	○	○	○	○	○	○	○		A	OT			1	1
DHQ- 20	I/V stand	15	3	○	○	○	○	○	○	○		A	Ward	3	2		5
DHQ- 21	Revolving stool	15	6	○	○	○	○	○	○	○		A	OPD OPD(OB/GY)		10		10
DHQ- 22	Screen(3 partition)	12	2	○	○	○	○	○	○	○		A	OPD OPD(OB/GY)		2		2
DHQ- 25	Blood bank facilities	1	1	○	○	○	○	○	○	○		A	Blood bank	1			1
DHQ- 29-1	Suction machine(Large)	4	1	○	○	○	○	○	○	○		A	OT	1			1
DHQ- 29-2	Suction machine(Small)	2	1	○	○	○	○	○	○	○		A	OT		1		1
DHQ- 30	Diathermy	2	0	○	○	○	○	×	○	○		C	-				0
DHQ- 33	Eye diagnostic set	1	0	○	○	○	○	○	○	○		A	OT			1	1
DHQ- 34	All surgery instrument set	1	0	○	○	○	○	×	○	○		C	-				0
DHQ- 37	Trolley for medicine	6	0	○	○	○	○	○	○	○		A	Dispensary RM			2	2
DHQ- 38	Stretcher with trolley	2	1	○	○	○	○	○	○	○		A	OPD	1			1
DHQ- 39	Mobile OT light with battery	1	2	○	○	○	○	×	○	○		C	-				0
DHQ- 40	OT light(ceiling type 2 arm)	1	0	○	○	○	○	×	○	○		C	-				0
DHQ- 41	OT table	1	0	○	○	○	○	×	○	○		C	-				0

Item	Description	No. of Required equipment	Existing Equipment	Criteria							Other Reason of Deleted Equipment	Priority	Location	Purpose of Requirement			No. of Planned Equipment
				①	②	③	④	⑤	⑥	⑦				Repl ce	Add	New	
DHQ- 45-1	Laryngoscope(Adult)	1	0	○	○	○	○	×	○	○		C	-				0
DHQ- 46	Buckets	6	0	○	○	○	○	○	○	○		A	OT OPD OPD(OB/GY)			6	6
DHQ- 48	Infant warmer	1	0	○	○	○	○	○	○	○		A	OB/GY			1	1
DHQ- 56	Nebulizer	2	0	○	○	○	○	○	○	○		A	OPD			1	1
DHQ- 58	Patient monitor	2	0	○	○	○	○	×	○	○		C	-				0

Additional Request

ADD- 2	Plaster cutter	1	0	○	○	○	○	○	○	○		A	OPD			1	1
ADD- 3	Water distillation unit	1	0	○	○	○	○	○	○	○		A	Dental RM			1	1

2) RHC

2)-1 District Quetta

2)-1-1 Hospital : RHC Kuchlak

Item	Description	No. of Required equipment	Existing Equipment	Criteria							Other Reason of Deleted Equipment	Priority	Location	Purpose of Requirement			No. of Planned Equipment
				①	②	③	④	⑤	⑥	⑦				Repl ce	Add	New	
RHC- 1-1	Boiling Sterilizers(Electric)	2	1	○	○	○	○	○	○	○		Q	OPD Treatment RM	1	1		2
RHC- 2	Pen torches	6	0	○	○	○	○	○	○	○		Q	OPD			4	4
RHC- 3	Baby weighing scale	1	1	○	○	○	○	○	○	○		Q	OPD	1			1
RHC- 4	Height, Weighing scale	1	1	○	○	○	○	○	○	○		Q	OPD	1			1
RHC- 5	Fahrenheit thermometers	12	1	○	○	○	○	○	○	○		Q	OPD	1	11		12
RHC- 6-1	Minor surgery set	2	1	○	○	○	○	○	○	○		Q	Treatment RM	1	1		2
RHC- 7	Sphygmomanometer (Mercury stand)	6	0	○	○	○	○	○	○	○		Q	OPD			4	4
RHC- 8	Stethoscope	1	0	○	○	○	○	○	○	○		Q	OPD			4	4
RHC- 9	Fetoscope	2	0	○	○	○	○	○	○	○		Q	OPD			2	2
RHC- 10	Examination table	6	0	○	○	○	○	○	○	○		Q	OPD			2	2
RHC- 13	Lockable cupboards for medicines	3	0	○	○	○	○	○	○	○		Q	Medicine Store			3	3
RHC- 14	Bowl, kidney dish, dressing tray (S, M, L)	3	2	○	○	○	○	○	○	○		Q	Treatment RM OPD	2	1		3
RHC- 16-1	Ambu bag(Adult)	1	1	○	○	○	○	○	○	○		Q	Treatment RM			1	1
RHC- 17	ENT diagnostic set	1	1	○	○	○	○	○	○	○		Q	OPD	1			1
RHC- 18	Examination light	6	0	○	○	○	○	○	○	○		Q	OPD Treatment RM	3			3
RHC- 19	Speculum for OB/GY	1	2	○	○	○	○	○	○	○		Q	OPD	1			1
RHC- 20	I/V stand	5	5	○	○	○	○	○	○	○		Q	OPD Treatment RM	3			3
RHC- 21	Revolving stool	7	4	○	○	○	○	○	○	○		Q	OPD	4			4
RHC- 22	Screen(3 partition)	6	4	○	○	○	○	○	○	○		Q	OPD Treatment RM	4			4
RHC- 29-2	Suction machine(Small)	1	0	○	○	○	○	○	○	○		Q	Treatment RM			1	1
RHC- 37	Trolley for medicine	3	2	○	○	○	○	○	○	○		Q	OPD Treatment RM	2	1		3
RHC- 38	Stretcher with trolley	1	1	○	○	○	○	○	○	○		Q	Treatment RM	1			1
RHC- 43	Ambulance	1	0	○	○	○	○	○	○	○		Q	Inside Hospital			1	1
RHC- 45	Buckets	3	0	○	○	○	○	○	○	○		Q	OPD Treatment RM			3	3
RHC- 51	Oxygen cylinder with flowmeter and mask	1	0	○	○	○	○	○	○	○		Q	Treatment RM			1	1
RHC- 52	Nebulizer	1	0	○	○	○	○	○	○	○		Q	OPD			1	1
RHC- 53	Filtrate water tank	2	0	○	○	○	○	○	○	○		Q	Inside Hospital			1	1
RHC- 54	Basin unit	2	4	○	○	○	○	○	○	○		Q	OPD Treatment RM	2			2

2)-1-2 Hospital

: RHC Surange

Item	Description	No. of Required equipment	Existing Equipment	Criteria							Other Reason of Deleted Equipment	Priority	Location	Purpose of Requirement			No. of Planned Equipment
				①	②	③	④	⑤	⑥	⑦				Repl ce	Add	New	
RHC- 1-1	Boiling Sterilizers(Electric)	2	1	○	○	○	○	○	○	○		Q	OPD Treatment RM	1	1		2
RHC- 2	Pen torches	6	1	○	○	○	○	○	○	○		Q	OPD	1	2		3
RHC- 3	Baby weighing scale	1	1	○	○	○	○	○	○	○		Q	OPD(LHV)	1			1
RHC- 4	Height, Weighing scale	1	0	○	○	○	○	○	○	○		Q	OPD			1	1
RHC- 5	Fahrenheit thermometers	12	1	○	○	○	○	○	○	○		Q	OPD	1	11		12
RHC- 6-1	Minor surgery set	2	1	○	○	○	○	○	○	○		Q	Treatment RM	1	1		2
RHC- 7	Sphygmomanometer (Mercury stand)	6	0	○	○	○	○	○	○	○		Q	OPD			3	3
RHC- 8	Stethoscope	1	2	○	○	○	○	○	○	○		Q	OPD	2	1		3
RHC- 9	Fetoscope	2	2	○	○	○	○	○	○	○		Q	OPD(LHV)	2			2
RHC- 10	Examination table	6	3	○	○	○	○	○	○	○		Q	OPD OPD(LHV) Treatment RM	3			3
RHC- 13	Lockable cupboards for medicines	3	6	○	○	○	○	○	○	○		Q	Medicine store	3			3
RHC- 14	Bowl, kidney dish, dressing tray (S, M, L)	3	2	○	○	○	○	○	○	○		Q	OPD OPD(LHV) Treatment RM	2	1		3
RHC- 16-1	Ambu bag(Adult)	1	1	○	○	○	○	○	○	○		Q	Treatment RM			1	1
RHC- 17	ENT diagnostic set	1	1	○	○	○	○	○	○	○		Q	OPD	1			1
RHC- 18	Examination light	6	0	○	○	○	○	○	○	○		Q	OPD OPD(LHV) Treatment RM			3	3
RHC- 19	Speculum for OB/GY	1	2	○	○	○	○	○	○	○		Q	OPD(LHV)	1			1
RHC- 20	I/V stand	5	4	○	○	○	○	○	○	○		Q	OPD OPD(LHV) Treatment RM	3			3
RHC- 21	Revolving stool	7	3	○	○	○	○	○	○	○		Q	OPD	3			3
RHC- 22	Screen(3 partition)	6	3	○	○	○	○	○	○	○		Q	OPD OPD(LHV) Treatment RM	3	1		4
RHC- 29-2	Suction machine(Small)	1	0	○	○	○	○	○	○	○		Q	Treatment RM			1	1
RHC- 37	Trolley for medicine	3	1	○	○	○	○	○	○	○		Q	Treatment RM OPD OPD(LHV)	1	2		3
RHC- 38	Stretcher with trolley	1	1	○	○	○	○	○	○	○		Q	Treatment RM	1			1
RHC- 45	Buckets	3	0	○	○	○	○	○	○	○		Q	Treatment RM OPD OPD(LHV)			3	3
RHC- 51	Oxygen cylinder with flowmeter and mask	1	0	○	○	○	○	○	○	○		Q	Treatment RM			1	1
RHC- 52	Nebulizer	1	0	○	○	○	○	○	○	○		Q	OPD			1	1
RHC- 53	Filtrate water tank	2	0	○	○	○	○	○	○	○		Q	Inside hospital			1	1
RHC- 54	Basin unit	2	2	○	○	○	○	○	○	○		Q	Treatment RM OPD	2			2

2)-2 District Sibi

2)-2-1 Hospital :RHC Leni

Item	Description	No. of Required equipment	Existing Equipment	Criteria							Other Reason of Deleted Equipment	Priority	Location	Purpose of Requirement			No. of Planned Equipment
				①	②	③	④	⑤	⑥	⑦				Repl ce	Add	New	
RHC- 2	Pen torches	6	1	○	○	○	○	○	○	○		A	OPD (LMO)	1			1
RHC- 3	Baby weighing scale	1	1	○	○	○	○	○	○	○		A	OPD (LHV)		1		1
RHC- 4	Height, Weighing scale	1	0	○	○	○	○	○	○	○		A	OPD			1	1
RHC- 5	Fahrenheit thermometers	12	1	○	○	○	○	○	○	○		A	OPD	1	11		12
RHC- 6-1	Minor surgery set	2	1	○	○	○	○	○	○	○		A	OPD	1	1		2
RHC- 7	Sphygmomanometer (Mercury stand)	6	1	○	○	○	○	○	○	○		A	OPD	1			1
RHC- 9	Fetoscope	2	1	○	○	○	○	○	○	○		A	OPD (LMO)	1	1		2
RHC- 14	Bowl, kidney dish, dressing tray (S, M, L)	3	1	○	○	○	○	○	○	○		A	OT		1		1
RHC- 16-1	Ambu bag(Adult)	1	0	○	○	○	○	○	○	○		A	OPD			1	1
RHC- 17	ENT diagnostic set	1	1	○	○	○	○	○	○	○		A	OPD (LMO)		1		1
RHC- 18	Examination light	6	0	○	○	○	○	○	○	○		A	OPD(LMO) OPD(MO)			2	2
RHC- 20	I/V stand	5	1	○	○	○	○	○	○	○		A	Ward(male)	1			1
RHC- 21	Revolving stool	7	2	○	○	○	○	○	○	○		A	OPD	2			2
RHC- 22	Screen(3 partition)	6	0	○	○	○	○	○	○	○		A	OPD (LMO)			1	1
RHC- 38	Stretcher with trolley	1	2	○	○	○	○	○	○	○		A	Ward(female)		1		1
RHC- 49	Wheel chair	1	1	○	○	○	○	○	○	○		A	Emergency	1			1
RHC- 52	Nebulizer	1	0	○	○	○	○	○	○	○		A	Ward			1	1

Item	Description	No. of Required equipment	Existing Equipment	Criteria							Other Reason of Deleted Equipment	Priority	Location	Purpose of Requirement			No. of Planned Equipment
				①	②	③	④	⑤	⑥	⑦				Replac ce	Add	New	
RHC- 1-1	Boiling Sterilizers(Electric)	2	4	○	○	○	○	○	○	○		A	OT	2			2
RHC- 2	Pen torches	6	0	○	○	○	○	○	○	○		A	OPD (MO)			1	1
RHC- 4	Height, Weighing scale	1	0	○	○	○	○	○	○	○		A	OPD (MO)			1	1
RHC- 5	Fahrenheit thermometers	12	1	○	○	○	○	○	○	○		A	OPD (MO)	1	11		12
RHC- 6-1	Minor surgery set	2	1	○	○	○	○	○	○	○		A	OT	1	2		3
RHC- 7	Sphygmomanometer (Mercury stand)	6	3	○	○	○	○	○	○	○		A	OPD (MO)	1			1
RHC- 8	Stethoscope	1	3	○	○	○	○	○	○	○		A	OPD (MO) OPD	2			2
RHC- 9	Fetoscope	2	0	○	○	○	○	○	○	○		A	OPD (LHV)			2	2
RHC- 10	Examination table	6	1	○	○	○	○	○	○	○		A	OPD (MO)	1			1
RHC- 14	Bowl, kidney dish, dressing tray (S, M, L)	3	0	○	○	○	○	○	○	○		A	Treatment RM			1	1
RHC- 16-1	Ambu bag(Adult)	1	0	○	○	○	○	○	○	○		A	Ward			1	1
RHC- 17	ENT diagnostic set	1	0	○	○	○	○	○	○	○		A	OPD (MO)			1	1
RHC- 18	Examination light	6	0	○	○	○	○	○	○	○		A	OPD (MO)			1	1
RHC- 19	Speculum for OB/GY	1	0	○	○	○	○	○	○	○		A	OPD (LHV)			1	1
RHC- 20	I/V stand	5	1	○	○	○	○	○	○	○		A	OT	1			1
RHC- 21	Revolving stool	7	1	○	○	○	○	○	○	○		A	OPD (Dental)		1		1
RHC- 22	Screen(3 partition)	6	1	○	○	○	○	○	○	○		A	Ward (female)	1			1
RHC- 23	Dental chair and accessories	1	0	○	○	○	○	○	○	○		A	Dental			1	1
RHC- 24	Dental instrument	1	1	○	○	○	○	○	○	○		A	Dental	1	1		2
RHC- 32-1	Centrifuge	1	0	○	○	○	○	○	○	○		A	Labo			1	1
RHC- 37	Trolley for medicine	3	2	○	○	○	○	○	○	○		A	OT Treatment RM	2			2
RHC- 38	Stretcher with trolley	1	1	○	○	○	○	○	○	○		A	Ward (male)	1			1
RHC- 41	X-ray machine and accessories	1	2	○	○	○	○	○	○	○		A	X-ray RM	1			1
RHC- 43	Ambulance	1	1	○	○	○	○	○	○	○		A	Inside Hospital	1			1
RHC- 45	Buckets	3	1	○	○	○	○	○	○	○		A	OT	1			1
RHC- 51	Oxygen cylinder with flowmeter and mask	1	1	○	○	○	○	○	○	○		A	OT	1			1
RHC- 52	Nebulizer	1	0	○	○	○	○	○	○	○		A	Ward			1	1

2)-2-3 Hospital

:RHC Talli

Item	Description	No. of Required equipment	Existing Equipment	Criteria							Other Reason of Deleted Equipment	Priority	Location	Purpose of Requirement			No. of Planned Equipment
				①	②	③	④	⑤	⑥	⑦				Replce	Add	New	
RHC- 2	Pen torches	6	0	○	○	○	○	○	○	○		A	OPD			1	1
RHC- 4	Height, Weighing scale	1	0	○	○	○	○	○	○	○		A	OPD			1	1
RHC- 5	Fahrenheit thermometers	12	1	○	○	○	○	○	○	○		A	OPD	1	11		12
RHC- 9	Fetoscope	2	1	○	○	○	○	○	○	○		A	OPD (LHV)	1	1		2
RHC- 18	Examination light	6	0	○	○	○	○	○	○	○		A	OPD OPD (LHV)			2	2
RHC- 22	Screen(3 partition)	6	2	○	○	○	○	○	○	○		A	OPD (LHV)	1			1
RHC- 45	Buckets	3	1	○	○	○	○	○	○	○		A	OPD OPD (LHV)	1	1		2
RHC- 52	Nebulizer	1	0	○	○	○	○	○	○	○		A	OPD			1	1

2)-2-4 Hospital

:RHC Sharigh

Item	Description	No. of Required equipment	Existing Equipment	Criteria							Other Reason of Deleted Equipment	Priority	Location	Purpose of Requirement			No. of Planned Equipment
				①	②	③	④	⑤	⑥	⑦				Repl ce	Add	New	
RHC- 1-1	Boiling Sterilizers(Electric)	2	3	○	○	○	○	○	○	○		A	Delivery RM OPD(MO)	2			2
RHC- 2	Pen torches	6	1	○	○	○	○	○	○	○		A	OPD(MO)	1			1
RHC- 3	Baby weighing scale	1	1	○	○	○	○	○	○	○		A	OPD(LHV)	1			1
RHC- 4	Height, Weighing scale	1	0	○	○	○	○	○	○	○		A	OPD(MO)			1	1
RHC- 5	Fahrenheit thermometers	12	1	○	○	○	○	○	○	○		A	OPD(MO)	1	11		12
RHC- 6-1	Minor surgery set	2	0	○	○	○	○	○	○	○		A	Treatment RM			2	2
RHC- 7	Sphygmomanometer (Mercury stand)	6	2	○	○	○	○	○	○	○		A	OPD(MO)	2			2
RHC- 16-1	Ambu bag(Adult)	1	0	○	○	○	○	○	○	○		A	OPD(MO)			1	1
RHC- 17	ENT diagnostic set	1	0	○	○	○	○	○	○	○		A	OPD(MO)			1	1
RHC- 18	Examination light	6	0	○	○	○	○	○	○	○		A	OPD(MO) OPD(LHV)			2	2
RHC- 19	Speculum for OB/GY	1	0	○	○	○	○	○	○	○		A	OPD(LHV)			1	1
RHC- 21	Revolving stool	7	2	○	○	○	○	○	○	○		A	OPD(MO) OPD(LHV)	2			2
RHC- 30	Diathermy	1	1	○	○	○	○	○	○	○		A	Delivery RM	1			1
RHC- 38	Stretcher with trolley	1	1	○	○	○	○	○	○	○		A	Delivery RM	1			1
RHC- 45	Buckets	3	0	○	○	○	○	○	○	○		A	Delivery RM OPD(MO) OPD(LHV)			3	3
RHC- 49	Wheel chair	1	1	○	○	○	○	○	○	○		A	Treatment RM	1			1
RHC- 51	Oxygen cylinder with flowmeter and mask	1	1	○	○	○	○	○	○	○		A	Delivery RM	1			1
RHC- 52	Nebulizer	1	0	○	○	○	○	○	○	○		A	OPD(MO)			1	1
RHC- 53	Filtrate water tank	2	0	○	○	○	○	○	○	○		A	Inside Hospital			1	1
RHC- 54	Basin unit	2	0	○	○	○	○	○	○	○		A	Delivery RM OPD(LHV)			2	2

2)-3 District Bolan

2)-3-1 Hospital : RHC Chhargari

Item	Description	No. of Required equipment	Existing Equipment	Criteria							Other Reason of Deleted Equipment	Priority	Location	Purpose of Requirement			No. of Planned Equipment
				①	②	③	④	⑤	⑥	⑦				Replac	Add	New	
RHC- 1-1	Boiling Sterilizers(Electric)	2	0	○	○	○	○	○	○	○	no power	B	-				0
RHC- 2	Pen torches	6	0	○	○	○	○	○	○	○		A	OPD (MO)			1	1
RHC- 3	Baby weighing scale	1	0	○	○	○	○	○	○	○		A	OPD (LHV)			1	1
RHC- 4	Height, Weighing scale	1	0	○	○	○	○	○	○	○		A	OPD (LHV)			1	1
RHC- 5	Fahrenheit thermometers	12	0	○	○	○	○	○	○	○		A	OPD (MO)			12	12
RHC- 6-1	Minor surgery set	2	0	○	○	○	○	○	○	○		A	OPD (MO)			2	2
RHC- 7	Sphygmomanometer (Mercury stand)	6	2	○	○	○	○	○	○	○		A	OPD (MO)	1			1
RHC- 8	Stethoscope	1	1	○	○	○	○	○	○	○		A	OPD (MO)	1			1
RHC- 10	Examination table	6	0	○	○	○	○	○	○	○		A	OPD (MO) Dispensary RM			2	2
RHC- 13	Lockable cupboards for medicines	3	3	○	○	○	○	○	○	○		A	Dispensary RM	3			3
RHC- 14	Bowl, kidney dish, dressing tray (S, M, L)	3	2	○	○	○	○	○	○	○		A	Dispensary RM OPD (LHV)	2	1		3
RHC- 18	Examination light	6	0	○	○	○	○	○	○	○	no power	B	-				0
RHC- 20	I/V stand	5	1	○	○	○	○	○	○	○		A	OPD (MO) OPD (LHV)	1	1		2
RHC- 21	Revolving stool	7	2	○	○	○	○	○	○	○		A	OPD (MO) OPD (LHV)	2			2
RHC- 22	Screen(3 partition)	6	0	○	○	○	○	○	○	○		A	OPD (MO) OPD (LHV)			2	2
RHC- 29-2	Suction machine(Small)	1	0	○	○	○	○	○	○	○	no power	B	-				0
RHC- 37	Trolley for medicine	3	0	○	○	○	○	○	○	○		A	OPD (MO)			1	1
RHC- 43	Ambulance	1	0	○	○	○	○	○	○	○		A	Inside hospital			1	1
RHC- 45	Buckets	3	0	○	○	○	○	○	○	○		A	OPD (MO) Dispensary RM			2	2
RHC- 51	Oxygen cylinder with flowmeter and mask	1	0	○	○	○	○	○	○	○		A	OPD (MO)			1	1
RHC- 52	Nebulizer	1	0	○	○	○	○	○	○	○	no power	B	-				0
RHC- 53	Filtrate water tank	2	0	○	○	○	○	○	○	○		A	Inside hospital			1	1
RHC- 54	Basin unit	2	0	○	○	○	○	○	○	○		A	OPD (MO)			2	2

2)-3-2 Hospital

:RHC Khattan

Item	Description	No. of Required equipment	Existing Equipment	Criteria							Other Reason of Deleted Equipment	Priority	Location	Purpose of Requirement			No. of Planned Equipment
				①	②	③	④	⑤	⑥	⑦				Repla ce	Add	New	
RHC- 1-1	Boiling Sterilizers(Electric)	2	0	○	○	○	○	○	○	○		A	OPD OPD (LHV)			2	2
RHC- 2	Pen torches	6	0	○	○	○	○	○	○	○		A	OPD			1	1
RHC- 3	Baby weighing scale	1	3	○	○	○	○	○	○	○		A	OPD (LHV)	1			1
RHC- 4	Height, Weighing scale	1	0	○	○	○	○	○	○	○		A	OPD			1	1
RHC- 5	Fahrenheit thermometers	12	2	○	○	○	○	○	○	○		A	OPD	2	10		12
RHC- 6-1	Minor surgery set	2	0	○	○	○	○	○	○	○		A	Treatment RM			2	2
RHC- 7	Sphygmomanometer (Mercury stand)	6	1	○	○	○	○	○	○	○		A	OPD	1			1
RHC- 8	Stethoscope	1	1	○	○	○	○	○	○	○		A	OPD	1			1
RHC- 9	Fetoscope	2	1	○	○	○	○	○	○	○		A	OPD (LHV)	1	1		2
RHC- 10	Examination table	6	1	○	○	○	○	○	○	○		A	OPD Treatment RM OPD (LHV)	1	2		3
RHC- 11	Cold box and vaccine carrier	1	2	○	○	○	○	○	○	○		A	Vaccine RM	1			1
RHC- 12-1	Fridge with AVR(Electric)	1	1	○	○	○	○	○	○	○		A	Vaccine RM	1			1
RHC- 13	Lockable cupboards for medicines	3	3	○	○	○	○	○	○	○		A	Medicine store	3			3
RHC- 14	Bowl, kidney dish, dressing tray (S, M, L)	3	5	○	○	○	○	○	○	○		A	Treatment RM OPD (LHV) OPD	3			3
RHC- 15	Delivery table(Simple type)	1	0	○	○	○	○	○	○	○		Q	OPD (LHV)	1			1
RHC- 16-1	Ambu bag(Adult)	1	0	○	○	○	○	○	○	○		A	Treatment RM			1	1
RHC- 17	ENT diagnostic set	1	1	○	○	○	○	○	○	○		A	OPD	1			1
RHC- 18	Examination light	6	0	○	○	○	○	○	○	○		A	Treatment RM OPD (LHV) OPD			3	3
RHC- 19	Speculum for OB/GY	1	0	○	○	○	○	○	○	○		A	OPD (LHV)			1	1
RHC- 20	I/V stand	5	1	○	○	○	○	○	○	○		A	Treatment RM OPD (LHV) OPD	1	2		3
RHC- 21	Revolving stool	7	2	○	○	○	○	○	○	○		A	OPD Treatment RM OPD (LHV)	2	1		3
RHC- 22	Screen(3 partition)	6	1	○	○	○	○	○	○	○		A	OPD Treatment RM OPD (LHV)	1	2		3
RHC- 29-2	Suction machine(Small)	1	0	○	○	○	○	○	○	○		A	Treatment RM			1	1
RHC- 37	Trolley for medicine	3	0	○	○	○	○	○	○	○		A	Treatment RM OPD (LHV) OPD			3	3
RHC- 45	Buckets	3	0	○	○	○	○	○	○	○		A	Treatment RM OPD (LHV) OPD			3	3
RHC- 47	Infant warmer	1	0	○	○	○	○	○	○	○		Q	Treatment RM			1	1

Item	Description	No. of Required equipment	Existing Equipment	Criteria							Other Reason of Deleted Equipment	Priority	Location	Purpose of Requirement			No. of Planned Equipment
				①	②	③	④	⑤	⑥	⑦				Repl ce	Add	New	
RHC- 51	Oxygen cylinder with flowmeter and mask	1	0	○	○	○	○	○	○	○		Q	Treatment RM			1	1
RHC- 52	Nebulizer	1	0	○	○	○	○	○	○	○		A	OPD			1	1
RHC- 53	Filtrate water tank	2	0	○	○	○	○	○	○	○		A	Inside hospital			1	1
RHC- 54	Basin unit	2	2	○	○	○	○	○	○	○		A	OPD (LHV) Treatment RM	2			2

2)-4 District Nasirabad

2)-4-1 Hospital : RHC Manjhoo Shori

Item	Description	No. of Required equipment	Existing Equipment	Criteria							Other Reason of Deleted Equipment	Priority	Location	Purpose of Requirement			No. of Planned Equipment
				①	②	③	④	⑤	⑥	⑦				Repl ce	Add	New	
RHC- 1-1	Boiling Sterilizers(Electric)	2	1	○	○	○	○	○	○	○		A	Treatment RM	1	1		2
RHC- 2	Pen torches	6	0	○	○	○	○	○	○	○		A	OPD(MO)			1	1
RHC- 3	Baby weighing scale	1	0	○	○	○	○	○	○	○		A	Treatment RM			1	1
RHC- 4	Height, Weighing scale	1	0	○	○	○	○	○	○	○		A	Treatment RM			1	1
RHC- 5	Fahrenheit thermometers	12	1	○	○	○	○	○	○	○		A	OPD(MO)	1	11		12
RHC- 6-1	Minor surgery set	2	0	○	○	○	○	○	○	○		A	OPD(MO)			2	2
RHC- 7	Sphygmomanometer (Mercury stand)	6	1	○	○	○	○	○	○	○		A	OPD(MO)	1			1
RHC- 8	Stethoscope	1	1	○	○	○	○	○	○	○		A	OPD(MO)	1			1
RHC- 9	Fetoscope	2	0	○	○	○	○	○	○	○		A	Treatment RM			1	1
RHC- 10	Examination table	6	1	○	○	○	○	○	○	○		A	OPD(MO)	1			1
RHC- 13	Lockable cupboards for medicines	3	2	○	○	○	○	○	○	○		A	OPD(MO) Treatment RM Vaccine RM	2	1		3
RHC- 14	Bowl, kidney dish, dressing tray (S, M, L)	3	2	○	○	○	○	○	○	○		A	Treatment RM	2	1		3
RHC- 15	Delivery table(Simple type)	1	0	○	○	○	○	○	○	○		A	Treatment RM			1	1
RHC- 16-1	Ambu bag(Adult)	1	0	○	○	○	○	○	○	○		A	OPD(MO)			1	1
RHC- 17	ENT diagnostic set	1	1	○	○	○	○	○	○	○		A	OPD(MO)	1			1
RHC- 18	Examination light	6	0	○	○	○	○	○	○	○		A	OPD(MO) Treatment RM			2	2
RHC- 19	Speculum for OB/GY	1	0	○	○	○	○	○	○	○		A	Treatment RM			1	1
RHC- 20	I/V stand	5	2	○	○	○	○	○	○	○		A	OPD(MO) Treatment RM	2			2
RHC- 21	Revolving stool	7	1	○	○	○	○	○	○	○		A	OPD(MO) Treatment RM	1	1		2
RHC- 22	Screen(3 partition)	6	0	○	○	○	○	○	○	○		A	OPD(MO) Treatment RM			2	2
RHC- 29-2	Suction machine(Small)	1	0	○	○	○	○	○	○	○		A	Treatment RM			1	1
RHC- 30	Diathermy	1	0	○	○	○	○	○	○	×	○	C	-				0
RHC- 36	Autoclave small(Electric, Kerosine dual type)	1	0	○	○	○	○	○	○	×	○	C	-				0
RHC- 37	Trolley for medicine	3	2	○	○	○	○	○	○	○		A	Treatment RM	2			2
RHC- 45	Buckets	3	2	○	○	○	○	○	○	○		A	OPD(MO) Treatment RM	2			2
RHC- 47	Infant warmer	1	0	○	○	○	○	○	○	○		A	Treatment RM			1	1
RHC- 51	Oxygen cylinder with flowmeter and mask	1	0	○	○	○	○	○	○	○		A	Treatment RM			1	1
RHC- 52	Nebulizer	1	0	○	○	○	○	○	○	○		A	Treatment RM			1	1
RHC- 53	Filtrate water tank	2	0	○	○	○	○	○	○	○		A	Inside hospital			1	1
RHC- 54	Basin unit	2	0	○	○	○	○	○	○	○		A	Treatment RM			2	2

Item	Description	No. of Required equipment	Existing Equipment	Criteria							Other Reason of Deleted Equipment	Priority	Location	Purpose of Requirement			No. of Planned Equipment
				①	②	③	④	⑤	⑥	⑦				Repl ce	Add	New	
RHC- 1-1	Boiling Sterilizers(Electric)	2	1	○	○	○	○	○	○	○		A	OPD	1	1		2
RHC- 2	Pen torches	6	2	○	○	○	○	○	○	○		A	OPD(MO)	2	1		3
RHC- 3	Baby weighing scale	1	0	○	○	○	○	○	○	○		A	OPD(MO)			1	1
RHC- 4	Height, Weighing scale	1	0	○	○	○	○	○	○	○		A	OPD(MO)			1	1
RHC- 5	Fahrenheit thermometers	12	2	○	○	○	○	○	○	○		A	OPD(MO)	2	10		12
RHC- 6-1	Minor surgery set	2	0	○	○	○	○	○	○	○		A	OT			2	2
RHC- 7	Sphygmomanometer (Mercury stand)	6	1	○	○	○	○	○	○	○		A	OPD(MO)	1	2		3
RHC- 8	Stethoscope	1	2	○	○	○	○	○	○	○		A	OPD(MO)	1			1
RHC- 10	Examination table	6	1	○	○	○	○	○	○	○		A	OPD(MO) 1pc. OPD 1pc.	1	1		2
RHC- 13	Lockable cupboards for medicines	3	7	○	○	○	○	○	○	○		A	OPD(MO) OPD Medicine store	3			3
RHC- 14	Bowl, kidney dish, dressing tray (S, M, L)	3	2	○	○	○	○	○	○	○		A	OPD(MO)	2	1		3
RHC- 16-1	Ambu bag(Adult)	1	0	○	○	○	○	○	○	○		A	OPD(MO)			1	1
RHC- 17	ENT diagnostic set	1	1	○	○	○	○	○	○	○		A	OPD(MO)	1			1
RHC- 18	Examination light	6	0	○	○	○	○	○	○	○		A	OPD(MO) 1pc. OPD 1pc.			2	2
RHC- 20	I/V stand	5	4	○	○	○	○	○	○	○		A	OPD(MO) 1pc. OPD 1pc. Ward 2pcs.	1	3		4
RHC- 21	Revolving stool	7	9	○	○	○	○	○	○	○		A	OPD(MO) OPD 2pcs.	3			3
RHC- 22	Screen(3 partition)	6	2	○	○	○	○	○	○	○		A	OPD(MO) 1pc. OPD 1pc. Ward 2pcs.	2	2		4
RHC- 29-2	Suction machine(Small)	1	0	○	○	○	○	○	○	○		A	Ward			1	1
RHC- 31	Generator and battery system (UP to 30KVA)	1	1	○	○	○	○	○	○	○		A	Generator RM	1			1
RHC- 37	Trolley for medicine	3	0	○	○	○	○	○	○	○		A	Ward			2	2
RHC- 38	Stretcher with trolley	1	2	○	○	○	○	○	○	○		A	OT, Ward	1			1
RHC- 43	Ambulance	1	0	○	○	○	○	○	○	○		A	Inside hospital			1	1
RHC- 45	Buckets	3	0	○	○	○	○	○	○	○		A	OT 1pc. OPD 1pc. OPD(MO) 1pc.			3	3
RHC- 49	Wheel chair	1	1	○	○	○	○	○	○	○		A	Ward	1			1
RHC- 52	Nebulizer	1	0	○	○	○	○	○	○	○		A	Ward			1	1
RHC- 53	Filtrate water tank	2	0	○	○	○	○	○	○	○		A	Inside hospital			1	1
RHC- 54	Basin unit	2	0	○	○	○	○	○	○	○		A	Ward, OT, OPD			2	2

2)-4-3 Hospital

:RHC Chatter

Item	Description	No. of Required equipment	Existing Equipment	Criteria							Other Reason of Deleted Equipment	Priority	Location	Purpose of Requirement			No. of Planned Equipment
				①	②	③	④	⑤	⑥	⑦				Repl ce	Add	New	
RHC- 1-1	Boiling Sterilizers(Electric)	2	1	○	○	○	○	○	○	○		A	Dispensary RM	1			1
RHC- 2	Pen torches	6	1	○	○	○	○	○	○	○		A	OPD(MO)	1			1
RHC- 3	Baby weighing scale	1	0	○	○	○	○	○	○	○		A	Treatment RM			1	1
RHC- 4	Height, Weighing scale	1	0	○	○	○	○	○	○	○		A	Treatment RM			1	1
RHC- 5	Fahrenheit thermometers	12	1	○	○	○	○	○	○	○		A	OPD(MO)	1	11		12
RHC- 6-1	Minor surgery set	2	0	○	○	○	○	○	○	○		A	OPD(MO)			2	2
RHC- 7	Sphygmomanometer (Mercury stand)	6	1	○	○	○	○	○	○	○		A	OPD(MO)	1			1
RHC- 8	Stethoscope	1	1	○	○	○	○	○	○	○		A	OPD(MO)	1			1
RHC- 10	Examination table	6	1	○	○	○	○	○	○	○		A	OPD(MO) Dispensary RM	1	1		2
RHC- 13	Lockable cupboards for medicines	3	1	○	○	○	○	○	○	○		A	Dispensary RM	1	2		3
RHC- 14	Bowl, kidney dish, dressing tray (S, M, L)	3	1	○	○	○	○	○	○	○		A	Dispensary RM Treatment RM	1	2		3
RHC- 18	Examination light	6	0	○	○	○	○	○	○	○		A	OPD(MO) Treatment RM			2	2
RHC- 20	I/V stand	5	1	○	○	○	○	○	○	○		A	OPD(MO) Treatment RM	1	1		2
RHC- 21	Revolving stool	7	1	○	○	○	○	○	○	○		A	OPD(MO) Treatment RM	1	1		2
RHC- 22	Screen(3 partition)	6	0	○	○	○	○	○	○	○		A	OPD(MO) Treatment RM			2	2
RHC- 29-2	Suction machine(Small)	1	0	○	○	○	○	○	○	○		A	Treatment RM			1	1
RHC- 37	Trolley for medicine	3	1	○	○	○	○	○	○	○		A	Treatment RM	1			1
RHC- 38	Stretcher with trolley	1	1	○	○	○	○	○	○	○		A	Treatment RM	1			1
RHC- 45	Buckets	3	1	○	○	○	○	○	○	○		A	OPD(MO) Treatment RM Dispensary RM	1	2		3
RHC- 51	Oxygen cylinder with flowmeter and mask	1	0	○	○	○	○	○	○	○		A	Treatment RM			1	1
RHC- 52	Nebulizer	1	0	○	○	○	○	○	○	○		A	OPD(MO)			1	1
RHC- 53	Filtrate water tank	2	0	○	○	○	○	○	○	○		A	Inside hospital			1	1

2)-5 District Jaffarabad

2)-5-1 Hospital : RHC Rhojhan Jamli

Item	Description	No. of Required equipment	Existing Equipment	Criteria							Other Reason of Deleted Equipment	Priority	Location	Purpose of Requirement			No. of Planned Equipment
				①	②	③	④	⑤	⑥	⑦				Repl ce	Add	New	
RHC- 1-1	Boiling Sterilizers(Electric)	2	0	○	○	○	○	○	○	○		B	Dispensary RM			2	2
RHC- 2	Pen torches	6	0	○	○	○	○	○	○	○		A	OPD			3	3
RHC- 3	Baby weighing scale	1	0	○	○	○	○	○	○	○		A	OPD (LHV)			1	1
RHC- 4	Height, Weighing scale	1	0	○	○	○	○	○	○	○		A	OPD			1	1
RHC- 5	Fahrenheit thermometers	12	0	○	○	○	○	○	○	○		A	OPD			12	12
RHC- 6-1	Minor surgery set	2	1	○	○	○	○	○	○	○		A	OT	1	1		2
RHC- 7	Sphygmomanometer (Mercury stand)	6	1	○	○	○	○	○	○	○		A	OPD	1	5		6
RHC- 8	Stethoscope	1	1	○	○	○	○	○	○	○		A	OPD	1			1
RHC- 9	Fetoscope	2	1	○	○	○	○	○	○	○		A	OPD (LHV)	1			1
RHC- 10	Examination table	6	2	○	○	○	○	○	○	○		A	OPD OPD (LHV)	2			2
RHC- 13	Lockable cupboards for medicines	3	2	○	○	○	○	○	○	○		A	Vaccine RM Dispensary RM	2	1		3
RHC- 14	Bowl, kidney dish, dressing tray (S, M, L)	3	6	○	○	○	○	○	○	○		A	Dispensary RM	3			3
RHC- 15	Delivery table(Simple type)	1	1	○	○	○	○	○	○	○		A	OPD (LHV)	1			1
RHC- 16-1	Ambu bag(Adult)	1	2	○	○	○	○	○	○	○		A	OT	1			1
RHC- 17	ENT diagnostic set	1	1	○	○	○	○	○	○	○		A	OPD	1			1
RHC- 18	Examination light	6	1	○	○	○	○	○	○	○		B	OPD OPD (LHV)	1	1		2
RHC- 19	Speculum for OB/GY	1	1	○	○	○	○	○	○	○		A	OPD (LHV)	1			1
RHC- 20	I/V stand	5	1	○	○	○	○	○	○	○		A	Ward 4pcs. OPD (LHV) 1pc.	1	4		5
RHC- 21	Revolving stool	7	2	○	○	○	○	○	○	○		A	OPD 3pcs. OPD (LHV) 1pc.	2	2		4
RHC- 29-2	Suction machine(Small)	1	0	○	○	○	○	○	○	○		B	OT			1	1
RHC- 30	Diathermy	1	0	○	○	○	○	○	○	×		C	-				0
RHC- 31	Generator and battery system (UP to 30KVA)	1	0	○	○	○	○	○	○	○		B	Inside hospital			1	1
RHC- 32-1	Centrifuge	1	1	○	○	○	○	○	○	○		B	Labo	1			1
RHC- 32-3	Microscope	1	1	○	○	○	○	○	○	○		B	Labo	1			1
RHC- 36	Autoclave small(Electric, Kerosine dual type)	1	0	○	○	○	○	○	○	×		C	-				0
RHC- 37	Trolley for medicine	3	0	○	○	○	○	○	○	○		A	Ward			2	2
RHC- 38	Stretcher with trolley	1	1	○	○	○	○	○	○	○		A	OT, Ward	1			1
RHC- 43	Ambulance	1	0	○	○	○	○	○	○	○		A	Inside hospital			1	1
RHC- 45	Buckets	3	0	○	○	○	○	○	○	○		A	OT Delivery RM OPD				3
RHC- 47	Infant warmer	1	0	○	○	○	○	○	○	○		A	Delivery RM			1	1

Item	Description	No. of Required equipment	Existing Equipment	Criteria							Other Reason of Deleted Equipment	Priority	Location	Purpose of Requirement			No. of Planned Equipme nt
				①	②	③	④	⑤	⑥	⑦				Repla ce	Add	New	
RHC- 49	Wheel chair	1	1	○	○	○	○	○	○	○		A	Ward	1			1
RHC- 52	Nebulizer	1	0	○	○	○	○	○	○	○		B	Ward, OPD			1	1
RHC- 53	Filtrate water tank	2	0	○	○	○	○	○	○	○		A	Inside hospital			1	1

2)-6 District Kalat

2)-6-1 Hospital : RHC Gidar

Item	Description	No. of Required equipment	Existing Equipment	Criteria							Other Reason of Deleted Equipment	Priority	Location	Purpose of Requirement			No. of Planned Equipment
				①	②	③	④	⑤	⑥	⑦				Repl ce	Add	New	
RHC- 1-1	Boiling Sterilizers(Electric)	2	2	○	○	○	○	○	○	○		A	OT	1			1
RHC- 2	Pen torches	6	1	○	○	○	○	○	○	○		A	OPD (MO) OPD (LHV)	1	1		2
RHC- 4	Height, Weighing scale	1	0	○	○	○	○	○	○	○		A	OPD (LHV)			1	1
RHC- 5	Fahrenheit thermometers	12	0	○	○	○	○	○	○	○		A	OPD (MO)			12	12
RHC- 6-1	Minor surgery set	2	1	○	○	○	○	○	○	○		A	OT	1	1		2
RHC- 8	Stethoscope	1	3	○	○	○	○	○	○	○		A	Dental RM OPD (MO) OPD (LHV)	3			3
RHC- 9	Fetoscope	2	0	○	○	○	○	○	○	○		A	OPD (LHV)			2	2
RHC- 13	Lockable cupboards for medicines	3	3	○	○	○	○	○	○	○		A	Dental RM OPD (LHV)	2			2
RHC- 14	Bowl, kidney dish, dressing tray (S, M, L)	3	3	○	○	○	○	○	○	○		A	Treatment RM		1		1
RHC- 16-1	Ambu bag(Adult)	1	0	○	○	○	○	○	○	○		A	OPD (MO)			1	1
RHC- 17	ENT diagnostic set	1	0	○	○	○	○	○	○	○		A	OPD (MO)			1	1
RHC- 18	Examination light	6	0	○	○	○	○	○	○	○		A	OPD (MO) OPD (LHV)			2	2
RHC- 19	Speculum for OB/GY	1	1	○	○	○	○	○	○	○		A	OPD (LHV)		3		3
RHC- 20	I/V stand	5	1	○	○	○	○	○	○	○		A	Ward		4		4
RHC- 22	Screen(3 partition)	6	1	○	○	○	○	○	○	○		A	Ward (LHV) Dental RM		2		2
RHC- 23	Dental chair and accessories	1	0	○	○	○	○	○	○	○		A	Dental RM			1	1
RHC- 24	Dental instrument	1	1	○	○	○	○	○	○	○		A	Dental RM	1			1
RHC- 30	Diathermy	1	0	○	○	○	○	○	○	×		C	-				0
RHC- 35	Gynae/Obs set	1	1	○	○	○	○	○	○	○		A	OPD (LHV)	1			1
RHC- 37	Trolley for medicine	3	0	○	○	○	○	○	○	○		A	OT Dental RM			4	4
RHC- 38	Stretcher with trolley	1	0	○	○	○	○	○	○	○		A	Ward			1	1
RHC- 45	Buckets	3	0	○	○	○	○	○	○	○		A	OPD (LHV) OPD (MO) Dental RM			3	3
RHC- 52	Nebulizer	1	0	○	○	○	○	○	○	○		A	OPD (MO)			1	1

2)-6-2 Hospital

: RHC Zird Ghulamjan

Item	Description	No. of Required equipment	Existing Equipment	Criteria							Other Reason of Deleted Equipment	Priority	Location	Purpose of Requirement			No. of Planned Equipment
				①	②	③	④	⑤	⑥	⑦				Repl ce	Add	New	
RHC- 2	Pen torches	6	1	O	O	O	O	O	O	O		A	OPD (MO) OPD (LHV)	1	1		2
RHC- 4	Height, Weighing scale	1	1	O	O	O	O	O	O	O		A	OPD (LHV)	1			1
RHC- 5	Fahrenheit thermometers	12	1	O	O	O	O	O	O	O		A	OPD (MO) OPD (LHV)	1	11		12
RHC- 6-1	Minor surgery set	2	1	O	O	O	O	O	O	O		A	OT		2		2
RHC- 8	Stethoscope	1	2	O	O	O	O	O	O	O		A	OPD (MO) 2pcs. OPD (LHV) 1pc.	2	1		3
RHC- 9	Fetoscope	2	1	O	O	O	O	O	O	O		A	OPD (LHV)	1			1
RHC- 14	Bowl, kidney dish, dressing tray (S, M, L)	3	2	O	O	O	O	O	O	O		A	OT		1		1
RHC- 16-1	Ambu bag (Adult)	1	0	O	O	O	O	O	O	O		A	OPD (MO)			1	1
RHC- 17	ENT diagnostic set	1	1	O	O	O	O	O	O	O		A	OPD (MO)	1			1
RHC- 18	Examination light	6	0	O	O	O	O	O	O	O		A	OPD (MO) OPD (LHV)			2	2
RHC- 19	Speculum for OB/GY	1	1	O	O	O	O	O	O	O		A	OPD (LHV)	1	2		3
RHC- 21	Revolving stool	7	2	O	O	O	O	O	O	O		A	OPD (MO)	2			2
RHC- 22	Screen (3 partition)	6	3	O	O	O	O	O	O	O		A	OPD (LHV)	1			1
RHC- 30	Diathermy	1	0	O	O	O	O	O	x	O		C	-				0
RHC- 35	Gynae/Obs set	1	0	O	O	O	O	O	O	O		A	OT			1	1
RHC- 37	Trolley for medicine	3	1	O	O	O	O	O	O	O		A	OT	1	1		2
RHC- 43	Ambulance	1	1	O	O	O	O	O	O	O		A	Inside hospital	1			1
RHC- 45	Buckets	3	0	O	O	O	O	O	O	O		A	OT OPD (MO)			3	3
RHC- 52	Nebulizer	1	0	O	O	O	O	O	O	O		A	OPD (MO)			1	1

2)-7 District Khuzdar

2)-7-1 Hospital :RHC Zehri

Item	Description	No. of Required equipment	Existing Equipment	Criteria							Other Reason of Deleted Equipment	Priority	Location	Purpose of Requirement			No. of Planned Equipment
				①	②	③	④	⑤	⑥	⑦				Repl ce	Add	New	
RHC- 1-1	Boiling Sterilizers(Electric)	2	4	○	○	○	○	○	○	○		A	OPD Labo	2			2
RHC- 2	Pen torches	6	6	○	○	○	○	○	○	○		A	OPD	6			6
RHC- 3	Baby weighing scale	1	2	○	○	○	○	○	○	○		A	MCH	1			1
RHC- 4	Height, Weighing scale	1	0	○	○	○	○	○	○	○		A	OPD			1	1
RHC- 5	Fahrenheit thermometers	12	2	○	○	○	○	○	○	○		A	OB/GY OPD	2	10		12
RHC- 6-1	Minor surgery set	2	1	○	○	○	○	○	○	○		A	OT	1	1		2
RHC- 7	Sphygmomanometer (Mercury stand)	6	1	○	○	○	○	○	○	○		A	OT	1	5		6
RHC- 8	Stethoscope	1	1	○	○	○	○	○	○	○		A	MCH	1			1
RHC- 9	Fetoscope	2	1	○	○	○	○	○	○	○		A	MCH		1		1
RHC- 10	Examination table	6	3	○	○	○	○	○	○	○		A	OT OPD MCH	3			3
RHC- 12-1	Fridge with AVR(Electric)	1	2	○	○	○	○	○	○	○		A	EPI	1			1
RHC- 13	Lockable cupboards for medicines	3	5	○	○	○	○	○	○	○		A	Treatment RM	3			3
RHC- 14	Bowl, kidney dish, dressing tray (S, M, L)	3	2	○	○	○	○	○	○	○		A	Treatment RM	2	1		3
RHC- 15	Delivery table(Simple type)	1	1	○	○	○	○	○	○	○		A	OT	1			1
RHC- 16-1	Ambu bag(Adult)	1	0	○	○	○	○	○	○	○		A	OT			1	1
RHC- 17	ENT diagnostic set	1	0	○	○	○	○	○	○	○		A	OT			1	1
RHC- 18	Examination light	6	2	○	○	○	○	○	○	○		A	OPD OPD(OB/GY) Dental RM			4	4
RHC- 19	Speculum for OB/GY	1	0	○	○	○	○	○	○	○		A	MCH			1	1
RHC- 20	I/V stand	5	2	○	○	○	○	○	○	○		A	Ward	5			5
RHC- 21	Revolving stool	7	6	○	○	○	○	○	○	○		A	OPD MCH	6			6
RHC- 22	Screen(3 partition)	6	2	○	○	○	○	○	○	○		A	Treatment RM		3		3
RHC- 24	Dental instrument	1	0	○	○	○	○	○	○	○		A	Dental RM			1	1
RHC- 29-2	Suction machine(Small)	1	0	○	○	○	○	○	○	○		A	OT			1	1
RHC- 30	Diathermy	1	0	○	○	○	○	○	○	×		C	-				0
RHC- 31	Generator and battery system (UP to 30KVA)	1	2	○	○	○	○	○	○	○		A	Generator RM	1			1
RHC- 32-1	Centrifuge	1	2	○	○	○	○	○	○	○		A	Labo	1			1
RHC- 36	Autoclave small(Electric, Kerosine dual type)	1	1	○	○	○	○	○	○	×		C	-				0
RHC- 37	Trolley for medicine	3	3	○	○	○	○	○	○	○		A	Dispensary RM	3			3
RHC- 38	Stretcher with trolley	1	2	○	○	○	○	○	○	○		A	OT	1			1

Item	Description	No. of Required equipment	Existing Equipment	Criteria							Other Reason of Deleted Equipment	Priority	Location	Purpose of Requirement			No. of Planned Equipment
				①	②	③	④	⑤	⑥	⑦				Repl ce	Add	New	
RHC- 41	X-ray machine and accessories	1	1	○	○	○	○	○	○	○		A	X-ray RM	1			1
RHC- 45	Buckets	3	0	○	○	○	○	○	○	○		A	OPD MCH			3	3
RHC- 47	Infant warmer	1	0	○	○	○	○	○	○	○		A	MCH			1	1
RHC- 49	Wheel chair	1	1	○	○	○	○	○	○	○		A	Ward	1			1
RHC- 51	Oxygen cylinder with flowmeter and mask	1	4	○	○	○	○	○	○	○		A	OT	1			1
RHC- 52	Nebulizer	1	0	○	○	○	○	○	○	○		A	OPD			1	1

Item	Description	No. of Required equipment	Existing Equipment	Criteria							Other Reason of Deleted Equipment	Priority	Location	Purpose of Requirement			No. of Planned Equipment
				①	②	③	④	⑤	⑥	⑦				Repl ce	Add	New	
RHC- 1-1	Boiling Sterilizers(Electric)	2	3	○	○	○	○	○	○	○		A	OPD	2			2
RHC- 2	Pen torches	6	3	○	○	○	○	○	○	○		A	OPD	3	4		7
RHC- 4	Height, Weighing scale	1	2	○	○	○	○	○	○	○		A	OPD	1			1
RHC- 5	Fahrenheit thermometers	12	2	○	○	○	○	○	○	○		A	OPD MCH	2	10		12
RHC- 6-1	Minor surgery set	2	1	○	○	○	○	○	○	○		A	OT	1	1		2
RHC- 7	Sphygmomanometer (Mercury stand)	6	2	○	○	○	○	○	○	○		A	OPD MCH	2	4		6
RHC- 8	Stethoscope	1	2	○	○	○	○	○	○	○		A	OPD	1			1
RHC- 9	Fetoscope	2	1	○	○	○	○	○	○	○		A	MCH	1	1		2
RHC- 10	Examination table	6	3	○	○	○	○	○	○	○		A	OT Delivery RM OPD	3	3		6
RHC- 13	Lockable cupboards for medicines	3	10	○	○	○	○	○	○	○		A	OPD	3			3
RHC- 14	Bowl, kidney dish, dressing tray (S, M, L)	3	5	○	○	○	○	○	○	○		A	OPD MCH	3			3
RHC- 15	Delivery table(Simple type)	1	2	○	○	○	○	○	○	○		A	Delivery RM	1			1
RHC- 16-1	Ambu bag(Adult)	1	0	○	○	○	○	○	○	○		A	OT			1	1
RHC- 17	ENT diagnostic set	1	0	○	○	○	○	○	○	○		A	OPD			1	1
RHC- 18	Examination light	6	0	○	○	○	○	○	○	○		A	OPD MCH OT			6	6
RHC- 19	Speculum for OB/GY	1	0	○	○	○	○	○	○	○		A	MCH			1	1
RHC- 20	I/V stand	5	6	○	○	○	○	○	○	○		A	OPD Ward	5			5
RHC- 21	Revolving stool	7	7	○	○	○	○	○	○	○		A	OPD MCH	7			7
RHC- 22	Screen(3 partition)	6	0	○	○	○	○	○	○	○		A	OPD MCH OT			6	6
RHC- 29-2	Suction machine(Small)	1	1	○	○	○	○	○	○	○		A	OT	1			1
RHC- 30	Diathermy	1	0	○	○	○	○	○	×	○		C	-				0
RHC- 32-1	Centrifuge	1	1	○	○	○	○	○	○	○		A	Labo	1			1
RHC- 32-3	Microscope	1	1	○	○	○	○	○	○	○		A	Labo	1			1
RHC- 37	Trolley for medicine	3	0	○	○	○	○	○	○	○		A	Dispensary RM			3	3
RHC- 38	Stretcher with trolley	1	1	○	○	○	○	○	○	○		A	OT	1			1
RHC- 41	X-ray machine and accessories	1	2	○	○	○	○	○	○	○		A	X-ray RM	1			1
RHC- 45	Buckets	3	2	○	○	○	○	○	○	○		A	OPD MCH	2	1		3
RHC- 47	Infant warmer	1	0	○	○	○	○	○	○	○		A	MCH			1	1
RHC- 51	Oxygen cylinder with flowmeter and mask	1	7	○	○	○	○	○	○	○		A	OT	3			3
RHC- 52	Nebulizer	1	0	○	○	○	○	○	○	○		A	OPD			1	1

Item	Description	No. of Required equipment	Existing Equipment	Criteria							Other Reason of Deleted Equipment	Priority	Location	Purpose of Requirement			No. of Planned Equipme nt
				①	②	③	④	⑤	⑥	⑦				Repla ce	Add	New	
RHC- 1-1	Boiling Sterilizers(Electric)	2	1	O	O	O	O	O	O	O		A	OT Labo	1	1		2
RHC- 2	Pen torches	6	2	O	O	O	O	O	O	O		A	OPD	2	2		4
RHC- 3	Baby weighing scale	1	1	O	O	O	O	O	O	O		A	OPD(OB/GY)	1			1
RHC- 4	Height, Weighing scale	1	0	O	O	O	O	O	O	O		A	OPD			1	1
RHC- 5	Fahrenheit thermometers	12	1	O	O	O	O	O	O	O		A	OPD	1	2		3
RHC- 6-1	Minor surgery set	2	1	O	O	O	O	O	O	O		A	OT	1			1
RHC- 7	Sphygmomanometer (Mercury stand)	6	1	O	O	O	O	O	O	O		A	OPD	1	1		2
RHC- 8	Stethoscope	1	2	O	O	O	O	O	O	O		A	MCH	1			1
RHC- 9	Fetoscope	2	0	O	O	O	O	O	O	O		A	OB/GY			1	1
RHC- 10	Examination table	6	2	O	O	O	O	O	O	O		A	OPD Treatment RM	2			2
RHC- 12-1	Fridge with AVR(Electric)	1	1	O	O	O	O	O	O	O		A	EPI	1			1
RHC- 13	Lockable cupboards for medicines	3	4	O	O	O	O	O	O	O		A	Treatment RM	3			3
RHC- 14	Bowl, kidney dish, dressing tray (S, M, L)	3	0	O	O	O	O	O	O	O		A	Treatment RM			3	3
RHC- 15	Delivery table(Simple type)	1	1	O	O	O	O	O	O	O		A	OB/GY	1			1
RHC- 16-1	Ambu bag(Adult)	1	0	O	O	O	O	O	O	O		A	OT			1	1
RHC- 17	ENT diagnostic set	1	1	O	O	O	O	O	O	O		A	OT	1			1
RHC- 18	Examination light	6	0	O	O	O	O	O	O	O		A	OPD			2	2
RHC- 19	Speculum for OB/GY	1	0	O	O	O	O	O	O	O		A	OB/GY			1	1
RHC- 20	I/V stand	5	6	O	O	O	O	O	O	O		A	Ward	5			5
RHC- 21	Revolving stool	7	6	O	O	O	O	O	O	O		A	OPD	3			3
RHC- 22	Screen(3 partition)	6	2	O	O	O	O	O	O	O		A	OPD		2		2
RHC- 29-2	Suction machine(Small)	1	1	O	O	O	O	O	O	O		A	OT	1			1
RHC- 30	Diathermy	1	0	O	O	O	O	O	X	O		C	-				0
RHC- 31	Generator and battery system (UP to 30KVA)	1	0	O	O	O	X	O	O	O		C	-				0
RHC- 37	Trolley for medicine	3	2	O	O	O	O	O	O	O		A	OPD	2			2
RHC- 38	Stretcher with trolley	1	2	O	O	O	O	O	O	O		A	OPD	1			1
RHC- 43	Ambulance	1	2	O	O	O	O	O	O	O		D	Inside hospital	1			1
RHC- 45	Buckets	3	0	O	O	O	O	O	O	O		A	OPD MCH			3	3
RHC- 47	Infant warmer	1	0	O	O	O	O	O	O	O		A	MCH			1	1
RHC- 51	Oxygen cylinder with flowmeter and mask	1	1	O	O	O	O	O	O	O		A	OT	1			1
RHC- 52	Nebulizer	1	0	O	O	O	O	O	O	O		A	OPD			1	1

Item	Description	No. of Required equipment	Existing Equipment	Criteria								Other Reason of Deleted Equipment	Priority	Location	Purpose of Requirement			No. of Planned Equipment
				①	②	③	④	⑤	⑥	⑦					Repl ce	Add	New	
RHC- 1-1	Boiling Sterilizers(Electric)	2	0	○	○	○	○	○	○	○			A	OT			1	1
RHC- 2	Pen torches	6	1	○	○	○	○	○	○	○			A	OPD	1		2	3
RHC- 3	Baby weighing scale	1	0	○	○	○	○	○	○	○			A	OPD(OB/GY)			1	1
RHC- 4	Height, Weighing scale	1	0	○	○	○	○	○	○	○			A	OPD			1	1
RHC- 5	Fahrenheit thermometers	12	1	○	○	○	○	○	○	○			A	OPD		3		3
RHC- 6-1	Minor surgery set	2	0	○	○	○	○	○	○	○			A	OT			1	1
RHC- 7	Sphygmomanometer (Mercury stand)	6	1	○	○	○	○	○	○	○			A	OPD		3		3
RHC- 8	Stethoscope	1	1	○	○	○	○	○	○	○			A	OPD		1		1
RHC- 10	Examination table	6	2	○	○	○	○	○	○	○			A	Treatment RM	2			2
RHC- 13	Lockable cupboards for medicines	3		○	○	○	○	○	○	○			A	Treatment RM			1	1
RHC- 14	Bowl, kidney dish, dressing tray (S. M. L)	3	2	○	○	○	○	○	○	○			A	Treatment RM		1		1
RHC- 16-1	Ambu bag(Adult)	1	0	○	○	○	○	○	○	○			A	OT		1		1
RHC- 17	ENT diagnostic set	1	0	○	○	○	○	○	○	○			A	OT			1	1
RHC- 20	I/V stand	5	0	○	○	○	○	○	○	○			A	Ward			4	4
RHC- 21	Revolving stool	7	0	○	○	○	○	○	○	○			A	OPD			7	7
RHC- 22	Screen(3 partition)	6	0	○	○	○	○	○	○	○			A	OPD			3	3
RHC- 29-2	Suction machine(Small)	1	0	○	○	○	○	○	○	○			A	OT			1	1
RHC- 37	Trolley for medicine	3	1	○	○	○	○	○	○	○			A	Dispensary RM		1		1
RHC- 38	Stretcher with trolley	1	0	○	○	○	○	○	○	○			A	OT			1	1
RHC- 45	Buckets	3	1	○	○	○	○	○	○	○			A	OT	1	2		3
RHC- 47	Infant warmer	1	0	○	○	○	○	○	○	○			A	Ward			1	1
RHC- 51	Oxygen cylinder with flowmeter and mask	1	1	○	○	○	○	○	○	○			A	OT		1		1

2)-8 District Lasbela

2)-8-1 Hospital :RHC Bela

Item	Description	No. of Required equipment	Existing Equipment	Criteria							Other Reason of Deleted Equipment	Priority	Location	Purpose of Requirement			No. of Planned Equipment
				①	②	③	④	⑤	⑥	⑦				Replac	Add	New	
RHC- 1-1	Boiling Sterilizers(Electric)	2	1	○	○	○	○	○	○	○		A	OT	1			1
RHC- 2	Pen torches	6	0	○	○	○	○	○	○	○		A	OPD			2	2
RHC- 4	Height, Weighing scale	1	1	○	○	○	○	○	○	○		A	OPD	1			1
RHC- 5	Fahrenheit thermometers	12	0	○	○	○	○	○	○	○		A	OPD			2	2
RHC- 6-1	Minor surgery set	2	0	○	○	○	○	○	○	○		A	OT			1	1
RHC- 7	Sphygmomanometer (Mercury stand)	6	3	○	○	○	○	○	○	○		A	OPD	3			3
RHC- 8	Stethoscope	1	4	○	○	○	○	○	○	○		A	OPD	1			1
RHC- 10	Examination table	6	2	○	○	○	○	○	○	○		A	OPD OPD(OB/GY)	2			2
RHC- 13	Lockable cupboards for medicines	3	4	○	○	○	○	○	○	○		A	OPD		3		3
RHC- 14	Bowl, kidney dish, dressing tray (S, M, L)	3	11	○	○	○	○	○	○	○		A	OT		3		3
RHC- 15	Delivery table(Simple type)	1	2	○	○	○	○	○	○	○		A	OB/GY	1			1
RHC- 18	Examination light	6	0	○	○	○	○	○	○	○		A	OPD			1	1
RHC- 20	I/V stand	5	4	○	○	○	○	○	○	○		A	Ward		5		5
RHC- 21	Revolving stool	7	4	○	○	○	○	○	○	○		A	OPD OPD(OB/GY)	2	4		6
RHC- 22	Screen(3 partition)	6	4	○	○	○	○	○	○	○		A	OPD	1			1
RHC- 29-2	Suction machine(Small)	1	0	○	○	○	○	○	○	○		A	OT			1	1
RHC- 37	Trolley for medicine	3	0	○	○	○	○	○	○	○		A	Dispensary RM			1	1
RHC- 38	Stretcher with trolley	1	0	○	○	○	○	○	○	○		A	OT			1	1
RHC- 41	X-ray machine and accessories	1	2	○	○	○	○	○	○	○		B	X-ray RM	1			1
RHC- 43	Ambulance	1	1	○	○	○	○	○	○	○		A	Emergency RM	1			1
RHC- 45	Buckets	3	0	○	○	○	○	○	○	○		A	OPD OT			3	3
RHC- 47	Infant warmer	1	0	○	○	○	○	○	○	○		A	OB/GY			1	1
RHC- 49	Wheel chair	1	2	○	○	○	○	○	○	○		A	Ward			1	1
RHC- 51	Oxygen cylinder with flowmeter and mask	1	5	○	○	○	○	○	○	○		A	OT	1			1
RHC- 52	Nebulizer	1	1	○	○	○	○	○	○	○		A	OPD(OB/GY)		1		1

Item	Description	No. of Required equipment	Existing Equipment	Criteria								Other Reason of Deleted Equipment	Priority	Location	Purpose of Requirement			No. of Planned Equipment
				①	②	③	④	⑤	⑥	⑦					Repl ce	Add	New	
RHC- 1-1	Boiling Sterilizers(Electric)	2	0	○	○	○	○	○	○	○			A	OT			1	1
RHC- 2	Pen torches	6	0	○	○	○	○	○	○	○			A	OPD	2			2
RHC- 4	Height, Weighing scale	1	0	○	○	○	○	○	○	○			A	OPD			1	1
RHC- 5	Fahrenheit thermometers	12	0	○	○	○	○	○	○	○			A	OPD			2	2
RHC- 6-1	Minor surgery set	2	1	○	○	○	○	○	○	○			A	OT	1			1
RHC- 7	Sphygmomanometer (Mercury stand)	6	1	○	○	○	○	○	○	○			A	OPD		1		1
RHC- 8	Stethoscope	1	1	○	○	○	○	○	○	○			A	OPD		1		1
RHC- 9	Fetoscope	2	0	○	○	○	○	○	○	○			A	OPD(OB/GY)			1	1
RHC- 10	Examination table	6	2	○	○	○	○	○	○	○			A	OPD	1			1
RHC- 13	Lockable cupboards for medicines	3	0	○	○	○	○	○	○	○			A	OPD			1	1
RHC- 14	Bowl, kidney dish, dressing tray (S, M, L)	3	1	○	○	○	○	○	○	○			A	OT	1			1
RHC- 16-1	Ambu bag(Adult)	1	0	○	○	○	○	○	○	○			A	OT			1	1
RHC- 17	ENT diagnostic set	1	1	○	○	○	○	○	○	○			A	OT	1			1
RHC- 18	Examination light	6	0	○	○	○	○	○	○	○			A	OPD OPD(OB/GY)			2	2
RHC- 19	Speculum for OB/GY	1	0	○	○	○	○	○	○	○			A	OT			1	1
RHC- 20	I/V stand	5	3	○	○	○	○	○	○	○			A	Ward		2		2
RHC- 21	Revolving stool	7	1	○	○	○	○	○	○	○			A	OPD		2		2
RHC- 22	Screen(3 partition)	6	1	○	○	○	○	○	○	○			A	OPD(OB/GY)		1		1
RHC- 29-2	Suction machine(Small)	1	0	○	○	○	○	○	○	○			A	OT			1	1
RHC- 38	Stretcher with trolley	1	0	○	○	○	○	○	○	○			A	OT			1	1
RHC- 45	Buckets	3	0	○	○	○	○	○	○	○			A	OPD OPD(OB/GY)			3	3
RHC- 51	Oxygen cylinder with flowmeter and mask	1	0	○	○	○	○	○	○	○			A	OT			1	1
RHC- 52	Nebulizer	1	0	○	○	○	○	○	○	○			A	OPD			1	1

Item	Description	No. of Required equipment	Existing Equipment	Criteria							Other Reason of Deleted Equipment	Priority	Location	Purpose of Requirement			No. of Planned Equipme nt
				①	②	③	④	⑤	⑥	⑦				Repla ce	Add	New	
RHC- 1-1	Boiling Sterilizers(Electric)	2	1	O	O	O	O	O	O	O		A	OT	1			1
RHC- 2	Pen torches	6	0	O	O	O	O	O	O	O		A	OPD OPD(OB/GY)			4	4
RHC- 3	Baby weighing scale	1	0	O	O	O	O	O	O	O		A	OPD(OB/GY)			1	1
RHC- 4	Height, Weighing scale	1	0	O	O	O	O	O	O	O		A	OPD			1	1
RHC- 5	Fahrenheit thermometers	12	1	O	O	O	O	O	O	O		A	OPD			4	4
RHC- 6-1	Minor surgery set	2	1	O	O	O	O	O	O	O		A	OT	1			1
RHC- 7	Sphygmomanometer (Mercury stand)	6	3	O	O	O	O	O	O	O		A	OPD	1			1
RHC- 8	Stethoscope	1	2	O	O	O	O	O	O	O		A	OPD OPD(OB/GY)		2		2
RHC- 10	Examination table	6	2	O	O	O	O	O	O	O		A	OPD OPD(OB/GY)	1	1		2
RHC- 12-1	Fridge with AVR(Electric)	1	1	O	O	O	O	O	O	O		A	Labo	1			1
RHC- 13	Lockable cupboards for medicines	3	3	O	O	O	O	O	O	O		A	OPD			1	1
RHC- 14	Bowl, kidney dish, dressing tray (S, M, L)	3	2	O	O	O	O	O	O	O		A	OT		1		1
RHC- 16-1	Ambu bag(Adult)	1	0	O	O	O	O	O	O	O		A	OT			1	1
RHC- 17	ENT diagnostic set	1	1	O	O	O	O	O	O	O		A	OT			1	1
RHC- 18	Examination light	6	0	O	O	O	O	O	O	O		A	OPD OPD(OB/GY)			3	3
RHC- 19	Speculum for OB/GY	1	0	O	O	O	O	O	O	O		A	OT			1	1
RHC- 29-2	Suction machine(Small)	1	1	O	O	O	O	O	O	O		A	OT			1	1
RHC- 31	Generator and battery system (UP to 30KVA)	1	1	O	O	O	O	O	O	O		A	Generator RM	1			1
RHC- 45	Buckets	3	0	O	O	O	O	O	O	O		A	OPD OPD(OB/GY) OT			3	3
RHC- 52	Nebulizer	1	0	O	O	O	O	O	O	O		A	OPD			1	1

Item	Description	No. of Required equipment	Existing Equipment	Criteria							Other Reason of Deleted Equipment	Priority	Location	Purpose of Requirement			No. of Planned Equipment
				①	②	③	④	⑤	⑥	⑦				Repla ce	Add	New	
RHC- 2	Pen torches	6	1	O	O	O	O	O	O	O		A	OPD	1	1		2
RHC- 4	Height, Weighing scale	1	0	O	O	O	O	O	O	O		A	OPD			1	1
RHC- 5	Fahrenheit thermometers	12	1	O	O	O	O	O	O	O		A	OPD		1		1
RHC- 6-1	Minor surgery set	2	1	O	O	O	O	O	O	O		A	OT	1			1
RHC- 7	Sphygmomanometer (Mercury stand)	6	1	O	O	O	O	O	O	O		A	OPD		1		1
RHC- 8	Stethoscope	1	2	O	O	O	O	O	O	O		A	OPD		1		1
RHC- 14	Bowl, kidney dish, dressing tray (S, M, L)	3	1	O	O	O	O	O	O	O		A	OT	1			1
RHC- 16-1	Ambu bag(Adult)	1	1	O	O	O	O	O	O	O		A	OT	1			1
RHC- 20	I/V stand	5	3	O	O	O	O	O	O	O		A	OPD		1		1
RHC- 21	Revolving stool	7	2	O	O	O	O	O	O	O		A	OPD		1		1
RHC- 22	Screen(3 partition)	6	2	O	O	O	O	O	O	O		A	OPD		1		1
RHC- 29-2	Suction machine(Small)	1	2	O	O	O	O	O	O	O		A	OPD		1		1
RHC- 31	Generator and battery system (UP to 30KVA)	1	2	O	O	O	O	O	O	O		A	Generator RM	1			1
RHC- 45	Buckets	3	8	O	O	O	O	O	O	O		A	OPD OT		2		2

5-4 Breakdown of Basic Design Equipment List

1) RHC

1)-1 District Quetta (2 sites)

1)-2 District Sibi (4 sites)

1)-3 District Bolan (2 sites)

1)-4 District Nasirabad (3 sites)

No.	Existing Equipment	Quetta Dist.		Sibi Dist.				Bolan Dist.		Nasirabad Dist.		
		Kuchlak	Surange	Leni	Lehri	Talli	Sharigh	Chhargari	Khattan	Manjhoo Shori	Mir Wah	Chatter
RHC - 1	Boiling Sterilizers	2	2	0	2	0	2	0	2	2	2	1
RHC - 2	Pen Torches	4	3	1	1	1	1	1	1	1	3	1
RHC - 3	Baby weighing scale	1	1	1	0	0	1	1	1	1	1	1
RHC - 4	Height scale	1	1	1	1	1	1	1	1	1	1	1
RHC - 5	Weighing scale	1	1	1	1	1	1	1	1	1	1	1
RHC - 6	Thermometers	12	12	12	12	12	12	12	12	12	12	12
RHC - 7	Minor surgery set	2	2	2	3	0	2	2	2	2	2	2
RHC - 8	Sphygmomanometer	4	3	1	1	0	2	1	1	1	3	1
RHC - 9	Stethoscope	4	3	0	2	0	0	1	1	1	1	1
RHC - 10	Fetoscope	2	2	2	2	2	0	0	2	1	0	0
RHC - 11	Examination table	2	3	0	1	0	0	2	3	1	2	2
RHC - 12	Cold box and vaccine carrier	0	0	0	0	0	0	0	1	0	0	0
RHC - 13	Fridge with AVR	0	0	0	0	0	0	0	1	0	0	0
RHC - 14	Lockable cupboards for medicines	3	3	0	0	0	0	3	3	3	3	3
RHC - 15	Bowl, kidney dish, dressing tray	3	3	1	1	0	0	3	3	3	3	3
RHC - 16	Delivery table	0	0	0	0	0	0	0	1	1	0	0
RHC - 17	Resuscitation bag	1	1	1	1	0	1	0	1	1	1	0
RHC - 18	Diagnostic set	1	1	1	1	0	1	0	1	1	1	0
RHC - 19	Examination Light	3	3	2	1	2	2	0	3	2	2	2
RHC - 20	Speculum for OB/GY	1	1	0	1	0	1	0	1	1	0	0
RHC - 21	I / V stand	3	3	1	1	0	0	2	3	2	4	2
RHC - 22	Revolving stool	4	3	2	1	0	2	2	3	2	3	2
RHC - 23	Screen	4	4	1	1	1	0	2	3	2	4	2
RHC - 24	Dental chair unit	0	0	0	1	0	0	0	0	0	0	0
RHC - 25	Dental instrument	0	0	0	2	0	0	0	0	0	0	0
RHC - 26	Suction machine	1	1	0	0	0	0	0	1	1	1	1
RHC - 27	Diathermy	0	0	0	0	0	1	0	0	0	0	0
RHC - 28	Generator	0	0	0	0	0	0	0	0	0	1	0
RHC - 29	Centrifuge	0	0	0	1	0	0	0	0	0	0	0
RHC - 30	Microscope	0	0	0	0	0	0	0	0	0	0	0
RHC - 31	Gynae / Obs set	0	0	0	0	0	0	0	0	0	0	0
RHC - 32	Medicine trolley	3	3	0	2	0	0	1	3	2	2	1
RHC - 33	Stretcher trolley	1	1	1	1	0	1	0	0	0	1	1
RHC - 34	X - ray machine	0	0	0	1	0	0	0	0	0	0	0
RHC - 35	Ambulance	1	0	0	1	0	0	1	0	0	1	0
RHC - 36	Buckets	3	3	0	1	2	3	2	3	2	3	3
RHC - 37	Baby cot	0	0	0	0	0	0	0	1	1	0	0
RHC - 38	Wheel chair	0	0	1	0	0	1	0	0	0	1	0
RHC - 39	Oxygen Cylinder with flowmeter and Mask	1	1	0	1	0	1	1	1	1	0	1
RHC - 40	Nebulizer	1	1	1	1	1	1	0	1	1	1	1
RHC - 41	Water Tank	1	1	0	0	0	1	1	1	1	1	1
RHC - 42	Basin stand	2	2	0	0	0	2	2	2	2	2	0

- 1)-5 District Jaffarabad (1 site)
1)-6 District Kalat (2 sites)
1)-7 District Khuzdar (4 sites)
1)-8 District Lasbela (4 sites)

No.	Existing Equipment	Jaffarabad Dist.	Kalat Dist.		Khuzdar Dist.				Lasbela Dist.			
		Rhojhan Jamli	Gidar	Zird Ghulamjan	Zehri	Wadh	Nall	Karkh	Bela	Lakhra	Gaddani	Dureji
RHC - 1	Boiling Sterilizers	2	1	0	2	2	2	1	1	1	1	0
RHC - 2	Pen Torches	3	2	2	6	7	4	3	2	2	4	2
RHC - 3	Baby weighing scale	1	0	0	1	0	1	1	0	0	1	0
RHC - 4	Height scale	1	1	1	1	1	1	1	1	1	1	1
RHC - 5	Weighing scale	1	1	1	1	1	1	1	1	1	1	1
RHC - 6	Thermometers	12	12	12	12	12	3	3	2	2	4	1
RHC - 7	Minor surgery set	2	2	2	2	2	1	1	1	1	1	1
RHC - 8	Sphygmomanometer	6	0	0	6	6	2	3	3	1	1	1
RHC - 9	Stethoscope	1	3	3	1	1	1	1	1	1	2	1
RHC - 10	Fetoscope	1	2	1	1	2	1	0	0	1	0	0
RHC - 11	Examination table	2	0	0	3	6	2	2	2	1	2	0
RHC - 12	Cold box and vaccine carrier	0	0	0	0	0	0	0	0	0	0	0
RHC - 13	Fridge with AVR	0	0	0	1	0	1	0	0	0	1	0
RHC - 14	Lockable cupboards for medicines	3	2	0	3	3	3	1	3	1	1	0
RHC - 15	Bowl, kidney dish, dressing tray	3	1	1	3	3	3	1	3	1	1	1
RHC - 16	Delivery table	1	0	0	1	1	1	0	1	0	0	0
RHC - 17	Resuscitation bag	1	1	1	1	1	1	1	0	1	1	1
RHC - 18	Diagnostic set	1	1	1	1	1	1	1	0	1	1	0
RHC - 19	Examination Light	2	2	2	4	6	2	0	1	2	3	0
RHC - 20	Speculum for OB/GY	1	3	3	1	1	1	0	0	1	1	0
RHC - 21	I / V stand	5	4	0	5	5	5	4	5	2	0	1
RHC - 22	Revolving stool	4	0	2	6	7	3	7	6	2	0	1
RHC - 23	Screen	0	2	1	3	6	2	3	1	1	0	1
RHC - 24	Dental chair unit	0	1	0	0	0	0	0	0	0	0	0
RHC - 25	Dental instrument	0	1	0	1	0	0	0	0	0	0	0
RHC - 26	Suction machine	1	0	0	1	1	1	1	1	1	1	1
RHC - 27	Diathermy	0	0	0	0	0	0	0	0	0	0	0
RHC - 28	Generator	1	0	0	1	0	0	0	0	0	1	1
RHC - 29	Centrifuge	1	0	0	1	1	0	0	0	0	0	0
RHC - 30	Microscope	1	0	0	0	1	0	0	0	0	0	0
RHC - 31	Gynae / Obs set	0	1	1	0	0	0	0	0	0	0	0
RHC - 32	Medicine trolley	2	4	2	3	3	2	1	1	0	0	0
RHC - 33	Stretcher trolley	1	1	0	1	1	1	1	1	1	0	0
RHC - 34	X - ray machine	0	0	0	1	1	0	0	1	0	0	0
RHC - 35	Ambulance	1	0	1	0	0	1	0	1	0	0	0
RHC - 36	Buckets	3	3	3	3	3	3	3	3	3	3	2
RHC - 37	Baby cot	1	0	0	1	1	1	1	1	0	0	0
RHC - 38	Wheel chair	1	0	0	1	0	0	0	1	0	0	0
RHC - 39	Oxygen Cylinder with flowmeter and Mask	0	0	0	1	3	1	1	1	1	0	0
RHC - 40	Nebulizer	1	1	1	1	1	1	0	1	1	1	0
RHC - 41	Water Tank	1	0	0	0	0	0	0	0	0	0	0
RHC - 42	Basin stand	0	0	0	0	0	0	0	0	0	0	0

2) BHU

2)-1 District Quetta (36 sites)

No	Description	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
BHU - 1	Boiling Sterilizers	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1
BHU - 2	Pen Torches	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
BHU - 3	Baby weighing scale	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BHU - 4	Height scale	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BHU - 5	Weighing scale	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BHU - 6	Thermometers	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
BHU - 7	First Aid set	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BHU - 8	Sphygmomanometer (Aneroid portable type)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BHU - 9	Sphygmomanometer (Mercury type)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BHU - 10	Stethoscope	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BHU - 11	Fetoscope	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BHU - 12	Examination table	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BHU - 13	Cold box and vaccine carrier	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BHU - 14	Fridge with AVR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BHU - 15	Lockable cupboards for medicines	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BHU - 16	Bowl, kidney dish, dressing tray	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
BHU - 17	Delivery table	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1
BHU - 18	Resuscitation bag	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BHU - 19	Diagnostic set	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BHU - 20	Examination Light	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1
BHU - 21	Speculum for OB/GY	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BHU - 22	I / V stand	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BHU - 23	Revolving stool	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
BHU - 24	Screen	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
BHU - 25	Oxygen cylinder with flowmeter and mask	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BHU - 26	Water tank	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BHU - 27	Basin stand	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

No	Description	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	Total
BHU - 1	Boiling Sterilizers	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	33
BHU - 2	Pen Torches	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	72
BHU - 3	Baby weighing scale	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	36
BHU - 4	Height scale	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	36
BHU - 5	Weighing scale	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	36
BHU - 6	Thermometers	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	144
BHU - 7	First Aid set	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	36
BHU - 8	Sphygmomanometer (Aneroid portable type)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	36
BHU - 9	Sphygmomanometer (Mercury type)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	36
BHU - 10	Stethoscope	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	36
BHU - 11	Fetoscope	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	36
BHU - 12	Examination table	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	36
BHU - 13	Cold box and vaccine carrier	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BHU - 14	Fridge with AVR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BHU - 15	Lockable cupboards for medicines	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	36
BHU - 16	Bowl, kidney dish, dressing tray	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	72
BHU - 17	Delivery table	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	34
BHU - 18	Resuscitation bag	1	1	0	1	1	1	1	0	1	1	1	1	1	1	1	1	32
BHU - 19	Diagnostic set	1	1	0	1	1	1	1	0	1	1	1	1	1	1	1	1	32
BHU - 20	Examination Light	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	33
BHU - 21	Speculum for OB/GY	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	36
BHU - 22	I / V stand	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	36
BHU - 23	Revolving stool	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	72
BHU - 24	Screen	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	72
BHU - 25	Oxygen cylinder with flowmeter and mask	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	36
BHU - 26	Water tank	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	36
BHU - 27	Basin stand	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	36

2)-2 District Sibi (20 sites)

No	Description	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	Total
BHU - 1	Boiling Sterilizers	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	0	18
BHU - 2	Pen Torches	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	40
BHU - 3	Baby weighing scale	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20
BHU - 4	Height scale	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20
BHU - 5	Weighing scale	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20
BHU - 6	Thermometers	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	80
BHU - 7	First Aid set	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20
BHU - 8	Sphygmomanometer (Aneroid portable type)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20
BHU - 9	Sphygmomanometer (Mercury type)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20
BHU - 10	Stethoscope	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20
BHU - 11	Fetoscope	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	19
BHU - 12	Examination table	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20
BHU - 13	Cold box and vaccine carrier	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
BHU - 14	Fridge with AVR	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
BHU - 15	Lockable cupboards for medicines	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20
BHU - 16	Bowl, kidney dish, dressing tray	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	40
BHU - 17	Delivery table	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	0	18
BHU - 18	Resuscitation bag	0	1	0	0	0	1	0	1	0	1	0	1	1	0	1	0	0	1	1	0	9
BHU - 19	Diagnostic set	0	1	0	0	0	1	0	1	0	1	0	1	1	0	1	0	0	1	1	0	9
BHU - 20	Examination Light	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	0	18
BHU - 21	Speculum for OB/GY	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	19
BHU - 22	I / V stand	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20
BHU - 23	Revolving stool	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	40
BHU - 24	Screen	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	40
BHU - 25	Oxygen cylinder with flowmeter and mask	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20
BHU - 26	Water tank	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20
BHU - 27	Basin stand	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20

2)-3 District Bolan (13 sites)

No	Description	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	Total
BHU - 1	Boiling Sterilizers	1	1	1	1	1	0	1	0	0	1	1	0	1	9
BHU - 2	Pen Torches	2	2	2	2	2	2	2	2	2	2	2	2	2	26
BHU - 3	Baby weighing scale	1	1	1	1	1	1	1	1	1	1	1	1	1	13
BHU - 4	Height scale	1	1	1	1	1	1	1	1	1	1	1	1	1	13
BHU - 5	Weighing scale	1	1	1	1	1	1	1	1	1	1	1	1	1	13
BHU - 6	Thermometers	4	4	4	4	4	4	4	4	4	4	4	4	4	52
BHU - 7	First Aid set	1	1	1	1	1	1	1	1	1	1	1	1	1	13
BHU - 8	Sphygmomanometer (Aneroid portable type)	1	1	1	1	1	1	1	1	1	1	1	1	1	13
BHU - 9	Sphygmomanometer (Mercury type)	1	1	1	1	1	1	1	1	1	1	1	1	1	13
BHU - 10	Stethoscope	1	1	1	1	1	1	1	1	1	1	1	1	1	13
BHU - 11	Fetoscope	1	1	1	1	1	1	1	1	1	1	1	1	1	13
BHU - 12	Examination table	1	1	1	1	1	1	1	1	1	1	1	1	1	13
BHU - 13	Cold box and vaccine carrier	0	0	1	0	0	0	0	0	0	1	0	0	0	2
BHU - 14	Fridge with AVR	0	0	1	0	0	0	0	0	0	1	0	0	0	2
BHU - 15	Lockable cupboards for medicines	1	1	1	1	1	1	1	1	1	1	1	1	1	13
BHU - 16	Bowl, kidney dish, dressing tray	2	2	2	2	2	2	2	2	2	2	2	2	2	26
BHU - 17	Delivery table	1	1	1	1	1	1	1	0	1	1	1	1	1	12
BHU - 18	Resuscitation bag	0	0	0	0	0	1	0	1	1	0	0	0	0	3
BHU - 19	Diagnostic set	0	0	0	0	0	1	0	1	1	0	0	0	0	3
BHU - 20	Examination Light	1	1	1	1	1	0	1	0	0	1	1	0	1	9
BHU - 21	Speculum for OB/GY	1	1	1	1	1	1	1	1	1	1	1	1	1	13
BHU - 22	I / V stand	1	1	1	1	1	1	1	1	1	1	1	1	1	13
BHU - 23	Revolving stool	2	2	2	2	2	2	2	2	2	2	2	2	2	26
BHU - 24	Screen	2	2	2	2	2	2	2	2	2	2	2	2	2	26
BHU - 25	Oxygen cylinder with flowmeter and mask	1	1	1	1	1	1	1	1	1	1	1	1	1	13
BHU - 26	Water tank	1	1	1	1	1	1	1	1	1	1	1	1	1	13
BHU - 27	Basin stand	1	1	1	1	1	1	1	1	1	1	1	1	1	13

2)-4 District Nasirabad(11 sites)

No	Description	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	Total
BHU - 1	Boiling Sterilizers	1	1	1	1	1	1	1	1	1	1	1	11
BHU - 2	Pen Torches	2	2	2	2	2	2	2	2	2	2	2	22
BHU - 3	Baby weighing scale	1	1	1	1	1	1	1	1	1	1	1	11
BHU - 4	Height scale	1	1	1	1	1	1	1	1	1	1	1	11
BHU - 5	Weighing scale	1	1	1	1	1	1	1	1	1	1	1	11
BHU - 6	Thermometers	4	4	4	4	4	4	4	4	4	4	4	44
BHU - 7	First Aid set	1	1	1	1	1	1	1	1	1	1	1	11
BHU - 8	Sphygmomanometer (Aneroid portable type)	1	1	1	1	1	1	1	1	1	1	1	11
BHU - 9	Sphygmomanometer (Mercury type)	1	1	1	1	1	1	1	1	1	1	1	11
BHU - 10	Stethoscope	1	1	1	1	1	1	1	1	1	1	1	11
BHU - 11	Fetoscope	1	1	1	1	1	1	1	1	1	1	1	11
BHU - 12	Examination table	1	1	1	1	1	1	1	1	1	1	1	11
BHU - 13	Cold box and vaccine carrier	0	0	0	0	0	1	0	0	0	0	1	2
BHU - 14	Fridge with AVR	0	0	0	0	0	1	0	0	0	0	1	2
BHU - 15	Lockable cupboards for medicines	1	1	1	1	1	1	1	1	1	1	1	11
BHU - 16	Bowl, kidney dish, dressing tray	2	2	2	2	2	2	2	2	2	2	2	22
BHU - 17	Delivery table	1	1	1	1	0	0	1	1	1	1	1	9
BHU - 18	Resuscitation bag	1	1	0	1	1	1	1	0	0	1	1	8
BHU - 19	Diagnostic set	1	1	0	1	1	1	1	0	0	1	1	8
BHU - 20	Examination Light	1	1	1	1	1	1	1	1	1	1	1	11
BHU - 21	Speculum for OB/GY	1	1	1	1	1	1	1	1	1	1	1	11
BHU - 22	I / V stand	1	1	1	1	1	1	1	1	1	1	1	11
BHU - 23	Revolving stool	2	2	2	2	2	2	2	2	2	2	2	22
BHU - 24	Screen	2	2	2	2	2	2	2	2	2	2	2	22
BHU - 25	Oxygen cylinder with flowmeter and mask	1	1	1	1	1	1	1	1	1	1	1	11
BHU - 26	Water tank	1	1	1	1	1	1	1	1	1	1	1	11
BHU - 27	Basin stand	1	1	1	1	1	1	1	1	1	1	1	11

2)-5 District Jaffarabad (24 sites)

No	Description	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
BHU - 1	Boiling Sterilizers	1	1	0	1	1	1	1	1	0	1	0	1	0	0	1	1	1	1	1	1
BHU - 2	Pen Torches	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
BHU - 3	Baby weighing scale	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BHU - 4	Height scale	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BHU - 5	Weighing scale	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BHU - 6	Thermometers	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
BHU - 7	First Aid set	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BHU - 8	Sphygmomanometer (Aneroid portable type)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BHU - 9	Sphygmomanometer (Mercury type)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BHU - 10	Stethoscope	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BHU - 11	Fetoscope	1	1	0	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1
BHU - 12	Examination table	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BHU - 13	Cold box and vaccine carrier	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0
BHU - 14	Fridge with AVR	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0
BHU - 15	Lockable cupboards for medicines	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BHU - 16	Bowl, kidney dish, dressing tray	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
BHU - 17	Delivery table	0	1	0	1	1	1	1	1	1	1	1	1	0	1	1	0	1	0	0	1
BHU - 18	Resuscitation bag	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0
BHU - 19	Diagnostic set	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0
BHU - 20	Examination Light	1	1	0	1	1	1	1	1	0	1	0	1	0	0	1	1	1	1	1	1
BHU - 21	Speculum for OB/GY	1	1	0	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1
BHU - 22	I / V stand	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BHU - 23	Revolving stool	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
BHU - 24	Screen	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
BHU - 25	Oxygen cylinder with flowmeter and mask	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BHU - 26	Water tank	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BHU - 27	Basin stand	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

No	Description	(21)	(22)	(23)	(24)
BHU - 1	Boiling Sterilizers	1	1	0	1
BHU - 2	Pen Torches	2	2	2	2
BHU - 3	Baby weighing scale	1	1	1	1
BHU - 4	Height scale	1	1	1	1
BHU - 5	Weighing scale	1	1	1	1
BHU - 6	Thermometers	4	4	4	4
BHU - 7	First Aid set	1	1	1	1
BHU - 8	Sphygmomanometer (Aneroid portable type)	1	1	1	1
BHU - 9	Sphygmomanometer (Mercury type)	1	1	1	1
BHU - 10	Stethoscope	1	1	1	1
BHU - 11	Fetoscope	1	1	1	1
BHU - 12	Examination table	1	1	1	1
BHU - 13	Cold box and vaccine carrier	0	0	0	0
BHU - 14	Fridge with AVR	0	0	0	0
BHU - 15	Lockable cupboards for medicines	1	1	1	1
BHU - 16	Bowl, kidney dish, dressing tray	2	2	2	2
BHU - 17	Delivery table	1	1	1	1
BHU - 18	Resuscitation bag	1	1	1	1
BHU - 19	Diagnostic set	1	1	1	1
BHU - 20	Examination Light	1	1	0	1
BHU - 21	Speculum for OB/GY	1	1	1	1
BHU - 22	I / V stand	1	1	1	1
BHU - 23	Revolving stool	2	2	2	2
BHU - 24	Screen	2	2	2	2
BHU - 25	Oxygen cylinder with flowmeter and mask	1	1	1	1
BHU - 26	Water tank	1	1	1	1
BHU - 27	Basin stand	1	1	1	1

Total
18
48
24
24
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96
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24
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24
2
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48
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22
18
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48
24
24
24

2)-6 District Kalat (12 sites)

No	Description	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	Total
BHU - 1	Boiling Sterilizers	1	0	0	1	0	1	0	0	1	1	0	0	5
BHU - 2	Pen Torches	2	2	2	2	2	2	2	2	2	2	2	2	24
BHU - 3	Baby weighing scale	1	1	1	1	1	1	1	1	1	1	1	1	12
BHU - 4	Height scale	1	1	1	1	1	1	1	1	1	1	1	1	12
BHU - 5	Weighing scale	1	1	1	1	1	1	1	1	1	1	1	1	12
BHU - 6	Thermometers	4	4	4	4	4	4	4	4	4	4	4	4	48
BHU - 7	First Aid set	1	1	1	1	1	1	1	1	1	1	1	1	12
BHU - 8	Sphygmomanometer (Aneroid portable type)	1	1	1	1	1	1	1	1	1	1	1	1	12
BHU - 9	Sphygmomanometer (Mercury type)	1	1	1	1	1	1	1	1	1	1	1	1	12
BHU - 10	Stethoscope	1	1	1	1	1	1	1	1	1	1	1	1	12
BHU - 11	Fetoscope	1	0	0	1	1	1	1	0	0	0	0	0	5
BHU - 12	Examination table	1	1	1	1	1	1	1	1	1	1	1	1	12
BHU - 13	Cold box and vaccine carrier	0	0	0	0	0	0	0	0	0	0	0	0	0
BHU - 14	Fridge with AVR	0	0	0	0	0	0	0	0	0	0	0	0	0
BHU - 15	Lockable cupboards for medicines	1	1	1	1	1	1	1	1	1	1	1	1	12
BHU - 16	Bowl, kidney dish, dressing tray	2	2	2	2	2	2	2	2	2	2	2	2	24
BHU - 17	Delivery table	0	0	0	1	1	0	1	0	0	0	0	0	3
BHU - 18	Resuscitation bag	1	0	0	0	1	1	1	0	0	0	0	0	4
BHU - 19	Diagnostic set	1	0	0	0	1	1	1	0	0	0	0	0	4
BHU - 20	Examination Light	1	0	0	1	0	1	0	0	1	1	0	0	5
BHU - 21	Speculum for OB/GY	1	0	0	1	1	1	1	0	0	0	0	0	5
BHU - 22	I / V stand	1	1	1	1	1	1	1	1	1	1	1	1	12
BHU - 23	Revolving stool	2	2	2	2	2	2	2	2	2	2	2	2	24
BHU - 24	Screen	2	2	2	2	2	2	2	2	2	2	2	2	24
BHU - 25	Oxygen cylinder with flowmeter and mask	1	1	1	1	1	1	1	1	1	1	1	1	12
BHU - 26	Water tank	1	1	1	1	1	1	1	1	1	1	1	1	12
BHU - 27	Basin stand	1	1	1	1	1	1	1	1	1	1	1	1	12

2)-7 District Khuzdar (22 sites)

[illegible]

No	Description	(21)	(22)	Total
BHU - 1	Boiling Sterilizers	0	1	5
BHU - 2	Pen Torch	2	2	44
BHU - 3	Baby weighing scale	1	1	22
BHU - 4	Height scale	1	1	22
BHU - 5	Weighing scale	1	1	22
BHU - 6	Thermometers	4	4	88
BHU - 7	First Aid set	1	1	22
BHU - 8	Sphygmomanometer (Aneroid portable type)	1	1	22
BHU - 9	Sphygmomanometer (Mercury type)	1	1	22
BHU - 10	Stethoscope	1	1	22
BHU - 11	Fetoscope	1	1	22
BHU - 12	Examination table	1	1	22
BHU - 13	Cold box and vaccine carrier	0	0	1
BHU - 14	Fridge with AVR	0	0	1
BHU - 15	Lockable cupboards for medicines	1	1	22
BHU - 16	Bowl, kidney dish, dressing tray	2	2	44
BHU - 17	Delivery table	1	1	21
BHU - 18	Resuscitation bag	1	1	13
BHU - 19	Diagnostic set	1	1	13
BHU - 20	Examination Light	0	1	5
BHU - 21	Speculum for OB/GY	1	1	22
BHU - 22	I / V stand	1	1	22
BHU - 23	Revolving stool	2	2	44
BHU - 24	Screen	2	2	44
BHU - 25	Oxygen cylinder with flowmeter and mask	1	1	22
BHU - 26	Water tank	1	1	22
BHU - 27	Basin stand	1	1	22

2)-8 District Lasbela (37 sites)

No	Description	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
BHU - 1	Boiling Sterilizers	0	1	0	0	1	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
BHU - 2	Pen Torches	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
BHU - 3	Baby weighing scale	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BHU - 4	Height scale	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BHU - 5	Weighing scale	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BHU - 6	Thermometers	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
BHU - 7	First Aid set	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BHU - 8	Sphygmomanometer (Aneroid portable type)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BHU - 9	Sphygmomanometer (Mercury type)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BHU - 10	Stethoscope	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BHU - 11	Fetoscope	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1
BHU - 12	Examination table	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BHU - 13	Cold box and vaccine carrier	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
BHU - 14	Fridge with AVR	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
BHU - 15	Lockable cupboards for medicines	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BHU - 16	Bowl, kidney dish, dressing tray	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
BHU - 17	Delivery table	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1
BHU - 18	Resuscitation bag	1	1	1	0	1	0	0	1	1	1	1	1	1	1	1	0	0	0	1	1
BHU - 19	Diagnostic set	1	1	1	0	1	0	0	1	1	1	1	1	1	1	1	0	0	0	1	1
BHU - 20	Examination Light	0	1	0	0	1	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
BHU - 21	Speculum for OB/GY	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1
BHU - 22	I / V stand	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BHU - 23	Revolving stool	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
BHU - 24	Screen	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
BHU - 25	Oxygen cylinder with flowmeter and mask	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BHU - 26	Water tank	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BHU - 27	Basin stand	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

No	Description	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	Total
BHU - 1	Boiling Sterilizers	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	8
BHU - 2	Pen Torches	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	74
BHU - 3	Baby weighing scale	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	37
BHU - 4	Height scale	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	37
BHU - 5	Weighing scale	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	37
BHU - 6	Thermometers	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	148
BHU - 7	First Aid set	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	37
BHU - 8	Sphygmomanometer (Aneroid portable type)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	37
BHU - 9	Sphygmomanometer (Mercury type)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	37
BHU - 10	Stethoscope	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	37
BHU - 11	Fetoscope	1	0	1	1	1	1	1	1	1	1	1	0	1	0	0	1	0	31
BHU - 12	Examination table	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	37
BHU - 13	Cold box and vaccine carrier	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2
BHU - 14	Fridge with AVR	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2
BHU - 15	Lockable cupboards for medicines	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	37
BHU - 16	Bowl, kidney dish, dressing tray	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	74
BHU - 17	Delivery table	1	0	1	0	1	1	1	1	1	1	1	0	1	0	0	1	0	30
BHU - 18	Resuscitation bag	1	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	18
BHU - 19	Diagnostic set	1	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	18
BHU - 20	Examination Light	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	8
BHU - 21	Speculum for OB/GY	1	0	1	1	1	1	1	1	1	1	1	1	0	1	0	1	0	31
BHU - 22	I / V stand	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	37
BHU - 23	Revolving stool	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	74
BHU - 24	Screen	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	74
BHU - 25	Oxygen cylinder with flowmeter and mask	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	37
BHU - 26	Water tank	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	37
BHU - 27	Basin stand	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	37

5-5 Manpower List

1) RHC

Name of District	Quetta		Sibi				Bolan		Nasirabad		
Name of RHC	Kuchlak	Surange	Leni	Lehri	Talli	Sharigh	Chhargari	Khattan	Manjhoo Shori	Mir Wah	Chatter
MO	4	3	4	1	0	1	0	1	1	3	0
Dental Surgeon	0	0	0	1	0	0	0	0	0	0	0
LHV	0	1	1	0	1	1	0	1	0	0	0
Senior Health Asistant /MMT	2	2	2	0	1	3	1	2	2	0	4
Dispenser	0	0	0	2	2	0	0	0	0	0	0
Dental Technician	1	0	0	0	0	1	0	0	0	0	0
Laboratory Assistant	0	0	1	1	1	1	0	1	0	1	0
Laboratory Technician	0	0	0	0	0	0	0	0	0	0	0
X-ray Assistant	0	0	0	1	0	1	0	1	0	1	0
Nursing Orderlies	2	2	1	3	2	1	1	2	3	1	3
Driver	0	0	1	1	1	1	1	1	1	0	1
OT Assistant	0	0	1	0	1	0	0	0	0	1	0
OT techincian	0	0	0	0	0	0	0	0	0	0	0
Multipurpose Health Worker	0	0	1	2	1	4	0	8	0	0	0
Dai	0	0	0	2	1	0	2	0	0	0	1
Other	0	0	3	2	3	0	4	0	7	8	4
Total	9	8	15	16	14	14	9	17	14	15	13

Name of District	Jaffarabad	Kalat		Khuzdar				Lasbela			
Name of RHC	Rhojhan Jamali	Gidar	Zird Ghulamjan	Zehri	Wadh	Nall	Karkh	Bela	Lakhra	Gaddani	Dureji
MO	3	1	3	1	1	1	1	1	1	4	2
Dental Surgeon	0	1	0	1	0	0	0	0	0	1	0
LHV	1	2	1	2	1	1	0	1	1	0	0
Senior Health Asistant /MMT	2	1	1	4	3	1	2	1	4	2	2
Dispenser	0	1	2	0	0	0	0	0	1	0	0
Dental Technician	0	0	0	0	0	0	0	0	0	0	0
Laboratory Assistant	0	0	1	2	0	0	0	0	0	0	0
Laboratory Technician	0	0	0	0	1	0	0	1	0	0	0
X-ray Assistant	1	0	1	2	1	0	0	2	1	0	1
Nursing Orderlies	3	1	2	1	3	1	2	0	1	1	2
Driver	2	0	1	3	2	1	1	0	0	0	1
OT Assistant	0	1	0	0	0	0	0	0	0	0	0
OT techincian	0	0	0	2	0	0	0	0	0	0	0
Multipurpose Health Worker	0	0	0	5	5	3	3	1	4	1	0
Dai	0	0	0	0	0	0	0	0	0	1	1
Other	12	1	2	17	8	3	7	4	4	2	4
Total	24	9	14	40	25	11	16	11	17	12	13

2) BHU

2)-1 District Quetta (36 sites)

Staff Category	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
MO	1	0	0	1	1	1	1	2	1	2	1	2	4	1	1	2	1	1	1	1
MMT	1	1	0	1	1	1	1	2	1	1	1	1	2	1	2	1	1	1	1	1
LHV	3	1	1	1	1	1	1	1	1	1	1	1	3	1	0	2	2	1	1	1
FMT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Nursing Orderly	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	2	1	1	1
EPI worker	3	2	0	2	2	0	2	2	1	2	2	1	3	2	1	1	2	2	0	0
Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sanitary man	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Chaukidar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1
X-ray assistant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Total	8	5	2	6	6	4	6	8	5	7	6	6	13	6	6	10	8	6	5	5

Staff Category	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)
MO	2	1	0	1	1	2	2	0	2	1	1	1	2	2	2	2
MMT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
LHV	1	1	1	1	1	1	1	1	1	2	1	1	1	2	2	1
FMT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursing Orderly	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1
EPI worker	2	0	1	1	0	2	3	2	0	0	0	0	2	3	3	0
Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sanitary man	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chaukidar	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
X-ray assistant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	7	4	4	5	4	7	11	5	5	5	4	4	7	9	9	5

2)-2 District Sibi (20 sites)

Staff Category	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
MO	0	1	0	0	0	1	0	1	0	1	0	1	1	0	1	0	0	1	1	0
MMT	1	2	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	2	1
LHV	1	2	1	1	1	2	1	1	1	1	1	1	1	1	0	1	1	2	2	0
FMT	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0
Nursing Orderly	1	2	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	0	2	1
EPI worker	0	3	0	0	0	0	0	0	1	2	1	0	1	2	0	0	1	2	1	1
Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sanitary man	0	0	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Chaukidar	0	0	0	1	1	1	0	0	0	1	0	1	0	0	0	0	0	1	0	0
X-ray assistant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	1	2	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Total	5	12	2	4	5	7	3	5	4	8	4	5	5	5	4	3	5	7	8	3

2)-3 District Bolan (13 sites)

Staff Category	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
MO	0	0	0	0	0	1	0	1	1	0	0	0	0
MMT	1	1	1	1	1	0	1	1	1	1	1	1	1
LHV	1	2	2	2	1	1	2	3	2	2	2	2	2
FMT	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursing Orderly	1	1	1	1	1	1	1	1	1	1	1	1	1
EPI worker	2	2	2	2	0	0	0	0	5	2	0	0	2
Driver	0	0	0	0	0	0	0	0	0	0	0	0	0
Sanitary man	0	0	0	1	0	0	1	0	0	0	0	0	0
Chaukidar	0	0	0	0	0	0	0	1	0	0	0	0	0
X-ray assistant	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	2	0	0	0	1	0	0	0	0	0
Total	5	6	6	9	3	3	5	8	10	6	4	4	6

2)-4 District Nasirabad (11 sites)

Staff Category	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
MO	1	1	0	1	1	1	1	0	0	1	1
MMT	1	1	1	1	1	1	1	1	1	1	2
LHV	2	1	1	1	1	2	1	1	1	2	1
FMT	0	1	0	1	1	0	1	0	0	0	0
Nursing Orderly	1	1	0	1	1	1	1	1	1	1	1
EPI worker	1	0	0	0	2	2	0	3	1	0	3
Driver	0	0	0	0	0	0	0	0	0	0	0
Sanitary man	1	1	1	1	1	1	1	0	0	1	1
Chaukidar	1	1	1	1	1	1	0	0	0	1	1
X-ray assistant	0	0	0	0	0	0	0	0	0	0	2
Others	0	0	0	0	0	0	0	0	0	0	0
Total	8	7	4	7	9	9	6	6	4	7	12

2)-5 District Jaffarabad (24 sites)

Staff Category	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
MO	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0
MMT	1	1	1	1	1	1	1	1	1	2	1	1	2	1	1	1	1	1	2	2
LHV	2	2	0	1	1	1	2	1	2	1	2	1	0	1	1	0	2	1	2	1
FMT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
Nursing Orderly	2	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
EPI worker	4	0	0	4	3	1	2	2	0	2	0	0	0	1	0	2	0	1	2	1
Driver	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Sanitary man	1	1	1	1	0	0	1	1	1	0	1	1	1	0	1	1	0	1	0	1
Chaukidar	1	1	1	1	1	0	0	0	1	0	0	0	1	1	1	1	0	0	2	0
X-ray assistant	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Total	14	7	6	11	9	5	8	8	7	7	6	5	6	6	7	8	5	6	11	6

Staff Category	(21)	(22)	(23)	(24)
MO	1	1	1	1
MMT	1	1	1	1
LHV	1	1	1	1
FMT	0	0	0	0
Nursing Orderly	1	1	0	1
EPI worker	1	0	2	1
Driver	0	0	0	0
Sanitary man	0	1	1	1
Chaukidar	0	1	1	1
X-ray assistant	0	0	0	0
Others	0	0	0	0
Total	5	6	7	7

2)-6 District Kalat (12 sites)

Staff Category	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
MO	1	0	0	0	1	1	1	0	0	0	0	0
MMT	1	1	1	1	1	2	1	1	1	1	1	1
LHV	1	0	0	1	1	2	1	0	0	0	0	0
FMT	0	0	0	0	0	0	0	0	0	0	0	0
Nursing Orderly	1	1	1	1	1	2	1	1	1	1	1	1
EPI worker	1	1	2	2	0	3	2	0	1	1	0	0
Driver	0	0	0	0	0	0	0	0	0	0	0	0
Sanitary man	0	0	0	0	0	0	0	0	0	0	0	0
Chaukidar	0	0	0	0	0	0	0	0	0	0	0	0
X-ray assistant	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0
Total	5	3	4	5	4	10	6	2	3	3	2	2

2)-7 District Khuzdar (22 sites)

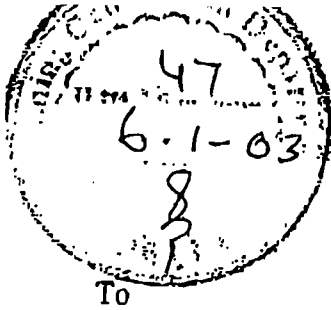
Staff Category	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
MO	1	1	1	0	0	0	1	0	0	1	1	1	1	0	0	1	1	0	0	1
MMT	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
LHV	1	1	2	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	2
FMT	0	1	1	1	1	1	1	0	1	1	1	1	1	1	1	0	1	1	1	1
Nursing Orderly	1	1	2	1	1	1	1	0	1	1	1	1	1	1	1	0	0	2	1	0
EPI worker	4	1	3	1	0	0	0	3	0	0	0	2	0	0	0	0	0	0	0	0
Driver	0	0	0	0	0	1	0	1	0	0	0	0	1	0	0	0	0	0	0	0
Sanitary man	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chaukidar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
X-ray assistant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	3	1	1	1	2	2	2	4	2	2	3	2	3	2	2	3	3	0	2	2
Total	11	8	11	6	6	7	7	10	6	7	8	9	8	6	6	6	7	5	6	7

Staff Category	(21)	(22)
MO	1	1
MMT	1	1
LHV	1	1
FMT	0	0
Nursing Orderly	0	1
EPI worker	1	0
Driver	0	0
Sanitary man	0	0
Chaukidar	0	0
X-ray assistant	0	0
Others	4	1
Total	8	5

2)-8 District Lasbela (37 sites)

Staff Category	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
MO	1	1	1	0	1	0	0	1	1	1	1	1	1	2	2	0	0	0	1	1
MMT	2	2	1	1	2	0	1	2	2	1	1	1	1	1	1	0	1	1	1	1
LHV	1	1	1	2	3	1	1	2	1	1	1	2	0	3	1	3	1	1	1	2
FMT	0	1	0	1	2	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0
Nursing Orderly	1	1	1	2	1	0	1	2	3	0	1	1	0	1	0	2	1	0	1	1
EPI worker	0	0	0	0	2	2	0	0	0	0	0	0	0	0	1	0	0	0	0	1
Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Sanitary man	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chaukidar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
X-ray assistant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	2	3	3	3	5	2	4	2	4	4	1	0	1	1	1	2	1	2	1	0
Total	7	9	7	9	16	5	7	9	12	8	5	6	3	8	6	7	4	4	5	7

Staff Category	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)
MO	1	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0
MMT	1	1	0	2	1	1	1	2	0	0	2	0	0	0	0	2	1
LHV	2	0	2	2	1	2	1	1	1	2	2	0	1	0	0	2	0
FMT	1	0	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0
Nursing Orderly	1	0	1	1	0	1	1	0	1	0	1	2	1	1	2	2	1
EPI worker	1	0	0	1	0	0	0	2	0	1	0	0	0	0	0	0	0
Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sanitary man	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chaukidar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
X-ray assistant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	4	2	2	3	2	0	2	2	2	2	2	2	1	2	2	1	2
Total	11	3	5	11	4	5	5	9	4	6	7	4	3	3	4	7	4



NO. SO-III (H) 3-8/2002 / 221-26
GOVERNMENT OF BALUCHISTAN
HEALTH DEPARTMENT.

6th Jan:
Dated Quetta the 25/12/2003

The Medical Superintendent
Bolan Medical Complex Hospital
Quetta.

Subject:- TRAINING PLAN FOR ANESTHESIA.

The undersigned is directed to refer to the above noted subject and to convey the approval of the competent authority to allow the following doctors/officers of this department for anesthesia training for the period of six months Anesthesia Department at Bolan Medical Complex Hospital, Quetta without any extra/additional financial benefits:-

S#	Name of Doctors	Place of posting	Training Institution
1	Dr. Lal Muhammad, Medical Officer	DHQ Hospital Dhadar District Bolan	Bolan Medical Complex Hospital Quetta.
2	Dr. Muhammad Yaqoob, Medical Officer	DHQ Hospital Kalat District Kalat	Bolan Medical Complex Hospital Quetta.
3	Dr. Ehsanullah Bhatti, Medical Officer	DHQ Hospital Uthal, District Lasbella	Bolan Medical Complex Hospital Quetta.

The said doctors will draw their salaries from their original place of posting.

[Signature]
Section Officer-III
Health Department. 31/12/03

Copy to :-

- ✓ 1. The Chief Planning Officer, Health Planning Cell, Quetta with reference to his U.O.NO. Nil dated 17.12.2003.
2. The Director General Health Services Balochistan, Quetta.
3. The Medical Superintendent, DHQ Hospital Kalat.
4. The Medical Superintendent, DHQ Hospital Dhadar District Bolan.
5. The Medical Superintendent, DHQ Hospital, Uthal.

[Signature]

[Handwritten notes: Depo, as a board, maximum, etc. Officer]

[Signature]
Section Officer-III

6. References

- 1 Statistics for DHQ Dhadar (District Bolan) 2003
(Issued by DHQ Dhadar)
- 2 Statistics for DHQ Sibi (District Sibi) 2003
(Issued by DHQ Sibi)
- 3 Statistics for DHQ Kalat (District Kalat) 2003
(Issued by DHQ Kalat)
- 4 Statistics fro DHQ Dera Murad Jamali (District Nasirabad) 2003
(Issued by DHQ Dera Murad Jamali)
- 5 Statistics for DHQ Dera Allah Yar (District Jaffarabad) 2003
(Issued by DHQ Dera Allah Yar)
- 6 Statistics for DHQ Khuzdar (District Khuzdar) 2003
(Issued by DHQ Khuzdar)
- 7 Statistics of Health Sector in District Khuzdar (2002) 2003
(Issued by Health Center in District Khuzdar)
- 8 Statistics for DHQ Uthal (District Lasbela) 2003
(Issued by DHQ Uthal)
- 9 Statistics of Health Sector in District Lasbela (2002) 2003
(Issued by Health Center in District Lasbela)
- 10 Data Analysis and Report for Women Health Project (District Nasirabad)
(Issued by Asian Development Bank)
- 11 Data Analysis and Report for Women Health Project (District Khuzdar)
(Issued by Asian Development Bank)
- 12 Data Analysis and Report for Women Health Project (District Panjgur)
(Issued by Asian Development Bank)
- 13 Data Analysis and Report for Women Health Project (District Loralai)
(Issued by Asian Development Bank)
- 14 Procurement Plan for HIV/AIDS Enhanced Program 2003
(Issued by World Bank)