

Appendices

- 1. Member List of the Survey Team**
- 2. Study Schedule**
- 3. List of Parties Concerned in the Recipient Country**
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1. Member of the Survey Team

1.1. Field Survey II¹ (August 24 to October 13, 2012)

1.2. Field Survey III- Explanation of Draft Report (April 17 to 27, 2013)

* As for details of Field Survey II and III, please refer to the “Preparatory Survey Report on the Project for Upgrading Primary Girls Schools into Elementary Schools in Lower Rural Sindh in the Islamic Republic of Pakistan” issued by Japan International Cooperation Agency (JICA) in November 2013.

1.3. Field Survey V- (August 18 to September 13, 2015)

Mr. Takeshi MATSUYAMA (not participated in the field activities)	Team Leader	Deputy Director, Basic Education Division 1, Basic Education Group, Human Development Department, JICA
Mr. Tomohiro OSAWA	Project Manager/ Architectural Planning	Matsuda Consultants International Co., Ltd.
Mr. Mitsuhiro SHIMADA	Architecture Design	Matsuda Consultants International Co., Ltd.

1.4. Field Survey VI (December 6 to 12, 2015)

Mr. Takeshi MATSUYAMA	Team Leader	Deputy Director, Basic Education Division 1, Basic Education Group, Human Development Department, JICA
Mr. ZAW ZAW Aung	Project Coordinator	Basic Education Division 1, Basic Education Group, Human Development Department, JICA
Mr. Tomohiro OSAWA	Project Manager/ Architectural Planning	Matsuda Consultants International Co., Ltd.
Mr. Naoto NISHIYA	Construction/Procurement Planning/Cost Estimation	Matsuda Consultants International Co., Ltd.

¹ This Survey was prepared following the Field Survey I and I-2 which were conducted in FY2010.

2. Study Schedule

2.1. Field Survey II

2.2. Field Survey III (Explanation of Draft Report)

* As for details of Field Survey II and III, please refer to the “Preparatory Survey Report on the Project for Upgrading Primary Girls Schools into Elementary Schools in Lower Rural Sindh in the Islamic Republic of Pakistan” issued by Japan International Cooperation Agency (JICA) in November 2013.

2.3. Field Survey V

			Consultant's Members	
			Project Manager/Architectural Planning	Architectural Design
1	Aug.18	T	Tokyo →Bangkok / Bangkok→ Karachi	
2	19	W	Meeting at Sindh E&L Dept. (Explanation of Inception Report, Arrangement of Itinerary)	
3	20	T	Meeting with Local Consultants (Results of preliminary visit to the sites), Supplementary survey on construction	
4	21	F	Cost survey (distribution of requests for quotations' for furniture and equipment), Karachi→Sukkur	
5	22	S	Visit to Sukkur District Education Office, Site Survey (Su02, Su03, Su04)	
6	23	S		
7	24	M	Visit to Ghotki District Education Office, Site Survey (Gh01, Gh06)	
8	25	T	Site Survey (Gh02, Gh03, Gh04)	
9	26	W	Visit to Khairpur District Education Office, Site Survey (Kh01, Kh08, Kh09)	
10	27	T	Site Survey (Kh02, Kh03, Kh08)	
11	28	F	Site Survey (Kh05, Kh06, Kh07)	
12	29	S	Visit to Shikarpur District Education Office, Site Survey (Sh01) Transfer to Larkana	
13	30	S		
14	31	M	Visit to Larkana District Education Office, Site Survey (La01, La02, La03)	
15	Sep. 1	T	Site Survey (Da04, Da05), Survey on construction in Larkana area	
16	2	W	Site Survey (Da01, Da02, Da03), Transfer to Hyderabad	
17	3	T	Data analysis	Study on facility layout plans
18	4	F	Internal meeting (Basic policies)	
			Documentation	Supplementary survey on construction
19	5	S	Visit to the sites of Southern Project (5 sites in Mirpurkhas District, Survey on construction in Hyderabad area)	
20	6	S		
21	7	M	Documentation	Making reference materials for detailed design
22	8	T	Transfer to Karachi, Meeting at JICS Karachi Project Office	
			Meeting at Sindh E&L Dept. (Preliminary result of site survey)	
23	9	W	Supplementary survey on education planning	Supplementary survey on construction
			Meeting at Sindh E&L Dept. (Technical Notes)	
24	10	T	Meeting with Local Consultants (Instruction to detailed design)	
			Supplementary survey on education planning	Supplementary survey on construction
25	11	F	Survey on construction cost, Signing of Technical Notes	
26	12	S	Meeting with Local Consultants	
			Survey on construction cost, Karachi →	
27	13	S	→Bangkok →Tokyo	

2.4. Field Survey VI (Explanation of Draft Report)

2015			Official Members		Consultant's Members	
			Leader	Coordinator	Project Manager/ Architectural Planning	Architectural Design
1	Dec. 6	S	Tokyo→Bangkok→Karachi	(from another mission)	Tokyo→Bangkok→Karachi	
2	7	M	Meeting at Sindh E&L Dept. (Explanation of Draft Report) Internal Meeting			
3	8	T	Meeting at Sindh E&L Dept. (Minutes of Discussions) Signing of M/D by Education Secretary and Additional Chief Secretary of Planning & Development Dept.			
4	9	W	Visit at Consulate General of Japan, Karachi→ Hyderabad Visit to the sites of Southern Project (Ja03、Hy02、Hy03)			
5	10	T	Visit to the sites of Southern Project (Mi01、Mi07、Ta04) Hyderabad →Karachi, Karachi →Islamabad			
6	11	F	Courtesy call on Economic Affairs Division Reporting to JICA Pakistan Office and Embassy of Japan in Pakistan, Islamabad →			
7	12	S	→Bangkok →Tokyo			

3. List of Parties Concerned in the Recipient Country²

Education & Literacy Department, the Government of Sindh

Dr. Fazlullah Pechuho	Secretary
Mr. Rehan Iqbal Baloch	Additional Secretary (Planning, Development & Finance)
Mr. Zahoor Muhammad Qzai	Assistant Director (Planning & Development)

Planning & Development Department, the Government of Sindh

Mr. Aijaz Ali Khan	Additional Chief Secretary
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Sukkur Region/District

Ms. Zaibun Nisa Mangi	Director of School Education (Primary)
Mr. Hafiz Shahabuddin	Deputy Director of Directorate of School Education (Primary)
Ms. Hameeda Jawi	Taluka Education Officer (Primary- Female) Pano Akil
Ms. Aisha Mirza	Taluka Education Officer (Primary- Female) New Sukkur
Mr. Hafiz Lal Muhammad	Taluka Education Officer (Primary- Male) New Sukkur
Ms. Yasmin Khoso	Headmistress, GGPS Miandad Khoso (Su02)
Ms. Ayaz Abbaji	Headmistress, GGPS Sorho (Su03)

Khairpur District

Mr. Liaquet Ali Khagkheli	District Education Officer (Primary/ Secondary)
Mr. Hameeduzzam Mahar	Deputy District Education Officer (Administration)
Ms. Nighat Sullaie Khaan	Taluka Education Officer (Primary- Female) Khairpur
Ms. Zaib M. Nisa Bhullo	Taluka Education Officer (Primary)w wo
Mr. Abdullah Jamori	Taluka Education Officer Nara
Ms. Bilgees	Headmistress, GGPS Wapda Colony (Kh01)
Ms. Rastan	Headmistress, GGPS Hadi Bux Laghari (Kh02)
Ms. Yasmin	Headmistress, GGPS Haji Ali Dad Jogi (Kh03)
Ms. Pathani	Headmistress, GGPS Bajeed Fakir (Kh05)
Ms. Zainab Khatoon	Headmistress, GGPS Ameen Patho (Kh06)
Ms. Ghram Shabiiram Rajper	Headmistress, GGPS Wazirabad Rajper (Kh07)
Ms. Fiza	Headmistress, GGPS Gambal Shah (Kh08)
Ms. Abida Parveen	Headmistress, GGPS Jani Boro (Kh09)
Mr. Sanghaz Ali	Headmaster, GGPS Karim Bux Bhambhro (Kh11)

² As for the parties concerned during Field Survey II and III, refer to the "Preparatory Survey Report on the Project for Upgrading Primary Girls Schools into Elementary Schools in Lower Rural Sindh in the Islamic Republic of Pakistan" issued by Japan International Cooperation Agency (JICA) in November 2013.

Ghotki District

Mr. Abdul Majid Bullo	District Education Officer, Ghotki
Mr. Ahmed Uddin Mwani	DEO Primary
Ms. Humaisa Chacher	Taluka Education Officer (Primary-Female) Ghotki
Ms. Perveen	Headmistress, GGPS Officer Colony Ghotki (Gh01)
Ms. Ameer Khatoon	Headmistress, GGPS Sheroo Mahar (Gh06)
Ms. Rasheeda	Headmistress, GGPS Nawab Khan Pitafi (Gh02)
Ms. Shabnem Akram	Headmistress, GGPS Kamoon Shaheed (Gh03)
Ms. Ghulam Sughra	Headmistress, GGPS Belo Naich (Gh04)

Larkana Region/District

Mr. Nawab Ali Khokhan	District Education Officer (Primary)
Mr. Muham. Hasssan Solangt	A.O.
Mr. Gulbahar Magi	Assistant Director for DEO
Ms. Naheed Sario	Headmistress, GGPS Gund (La01)
Ms. Akhtiar	Headmistress, GGPS Nai Gud (La02)
Ms. Rehana Parveen	Headmistress, GGPS Model Community Tharecha (La03)

Shikarpur District

Mr. Intizar Hussain Sheikh	Deputy District Education Officer
Ms. Leenat Mangi	Taluka Education Officer (Primary-Female) Khanpur
Ms. Razia Begum	Headmistress, GGPS Khanpur II (Sh01)

Dadu District

Ms. Samreen Bhutto	Headmistress, GGPS Kamaluddin Village Kaheri (Da01)
Ms. Um Salma	Headmistress, GGPS Chhano Shahabad (Da02)
Ms. Rozina	Headmistress, GGPS Aminani (Da03)
Ms. Gulshad	Headmistress, GGPS Gharib Abad Radhan (Da04)
Ms. Rukhsana	Headmistress, GGPS Wari Muham Gorar (Da05)

Embassy of Japan in Pakistan

Mr. Takashi Harada	Counsellor, Economic & Development
Mr. Yuichi Kuroda	First Secretary

Consulate General of Japan in Karachi

Mr. Yasuharu Shinto	Deputy Consul General
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Japan International Cooperation System

Mr. Toshiyuki Omoto	Project Manager
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4. Minutes of Discussions

4.1 Field Survey VI

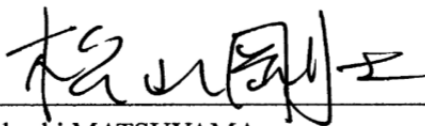
**Minutes of Discussions
on the Preparatory Survey for the Project for
Upgrading Primary Girls Schools into Elementary Schools in Nothern Rural Sindh
(Explanation on Draft Preparatory Survey Report)**

On the basis of the discussions and field survey in Islamic Republic of Pakistan (hereinafter referred to as "Pakistan") from August 2015 until September 2015, and the subsequent technical examination of the results in Japan, the Japan International Cooperation Agency (hereinafter referred to as "JICA") prepared a draft Preparatory Survey Report on the Project for **Upgrading Primary Girls Schools into Elementary Schools in Nothern Rural Sindh** (hereinafter referred to as "the Draft Report").

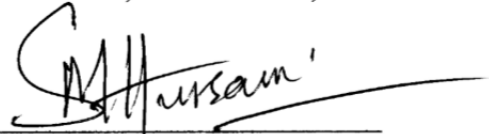
In order to explain the Draft Report and to consult with the concerned officials of the Government of Pakistan on its contents, JICA sent to Pakistan the Preparatory Survey Team for the explanation of the Draft Report (hereinafter referred to as "the Team"), headed by Mr. Takeshi Matsuyama, Advisor, Basic Education Group, Human Development of JICA, and is scheduled to stay in the country from 6th December to 11th December, 2015.

As a result of the discussions, the both sides confirmed the main items described in the attached sheets.

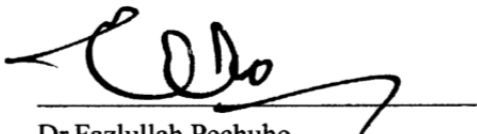
Karachi, 8th December, 2015



Takeshi MATSUYAMA
Leader
Preparatory Survey Team
Japan international Cooperation Agency



Syed Mujtaba Hussain
Joint Secretary
Economic Affairs Division
Islamic Republic of Pakistan



Dr. Fazlullah Pechuho
Secretary
Education and Literacy Department
Government of Sindh



Aijaz Ali Khan
Additional Chief Secretary
Planning and Development Department
Government of Sindh

ATTACHMENT

1. Objective of the Project

The objective of the Project is to reduce gender gap in rural areas of northern rural Sindh by upgrading primary schools into elementary schools through the expansion of facilities and the installation of equipment for elementary schools, thereby contributing to improve the access to basic education for girls.

2. Title of the Preparatory Survey

The both sides confirmed the title of the Preparatory Survey as “the Preparatory Survey for the Project for Upgrading Primary Girls Schools into Elementary Schools in Northern Rural Sindh”.

3. Project Sites, Priority of Sites and Components

The both sides confirmed the Project sites, Priority Sites and Components, which are shown in Annex 1. The both sides agreed that in case of shortage of the Project budget, the Project components will be reduced according to the priority mentioned in Annex 1. The detail will be discussed at the implementation stage.

4. Responsible and Concerned Organization

The responsible organization of the Project is Department of Education and Literacy of the Government of Sindh and the organization chart is shown in Annex2. The concerned organizations of the Project are Planning and Development Department , and Finance Department of the Government of Sindh.

5. Contents of the Draft Report


After the explanation of the contents of the Draft Report by the Team, the Pakistani side agreed in principle to its contents.

6. Cost Estimation

The both sides confirmed that the Project cost estimation shown in Annex 3 was provisional and would be examined further by the Government of Japan for its final approval.

7. Confidentiality of the Cost Estimation and Specifications

The both sides confirmed that the Project cost estimation and technical specifications in the Draft Report should never be duplicated or disclosed to any third parties until all the contracts of the Project are concluded.



8. Japanese Grant Aid for Community Empowerment

The Pakistani side understood the Japanese Grant Aid for Community Empowerment and its procedures as described in Annex 4 and Annex 5, and necessary measures to be taken by the Government of Pakistan.

9. Project Implementation Schedule

The both sides confirmed that the expected implementation schedule is as attached in Annex 6.

10. Expected outcomes and Indicators

The both sides agreed that key indicators for expected outcomes are as follows. The Pakistani side has responsibility to monitor the progress of the indicators and achieve the target in year 2021.

(1) Quantitative Outcomes

Indicator	Baseline (2015)	Target (2021)*
The number of girl students studying in targeted 25 schools	100	2,028
The number of deteriorated primary school classrooms available for the continual use	0	17

*After three years of the completion of the construction

(2) Qualitative Outcomes

- Improve the learning environment of girls students from primary schools by the reconstruction of unsecure classrooms.
- Reduce the number of out of school girl students by providing necessary facilities and environment for learning through the installment of toilet rooms and outer walls.

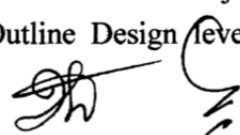
11. Technical assistance (“Soft Component” of the Project)

There is no technical assistance (“Soft Component” of the Project) which is provided under the Project.



12. Undertakings to be taken by Both Sides

The both sides confirmed undertakings described in Annex 7. The Pakistani side assured to take the necessary measures and coordination including allocation of the necessary budget which is preconditions of implementation of the Project. It is further agreed that the costs are indicative, i.e. at Outline Design level. More



accurate costs will be calculated at the Detailed Design stage. Contents of Annex 8 will be updated as the Detailed Design progresses, and will finally be the Attachment to the Grant Agreement.

13. Ex-Post Evaluation

JICA will conduct ex-post evaluation three (3) years after the project completion with respect to five evaluation criteria (Relevance, Effectiveness, Efficiency, Impact, Sustainability) of the Project. Result of the evaluation will be publicized. The Pakistani side is required to provide necessary support for them.

14. Schedule of the Study

JICA will complete the Final Report of the Preparatory Survey in accordance with the confirmed items and send it to the Pakistani side around May 2016.

15. Environmental and Social Considerations

The Project is likely to have minimal adverse impact on the environment under the 'JICA Guidelines for Environmental and Social Considerations (April 2010)'.

16. Other Relevant Issues

16-1. Operation and Maintenance of the Facilities and Equipment

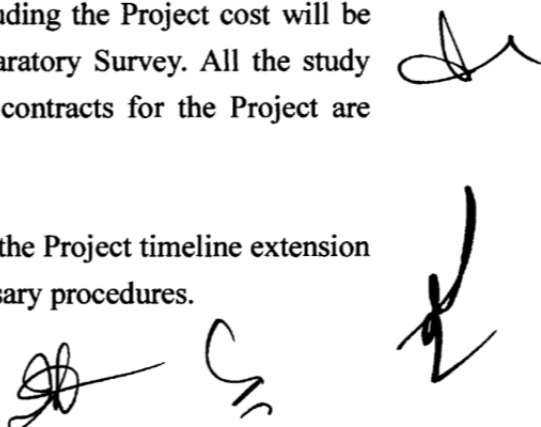
The Team explained the importance of operation and maintenance of the facilities constructed by the Project considering that proper asset management impacts greatly on life-span of the facilities and its maintenance cost. The Pakistani side shall secure enough personnel and budgets necessary for appropriate operation and maintenance of the facilities. The annual operation and maintenance costs are estimated and shown in Annex 8.

16-2. Disclosure of Information

The both sides confirmed that the study results excluding the Project cost will be disclosed to the public after completion of the Preparatory Survey. All the study results will be disclosed to the public after all the contracts for the Project are concluded.

16-3. Project Timeline Extension

The Pakistani side agreed to examine the necessity of the Project timeline extension in fiscal year 2016 of Pakistan and to undertake necessary procedures.

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Annex 1 : Project Sites, Priority of Sites and Components

Annex 2 : Organization Chart

(Department of Education and Literacy of the Government of Sindh)

Annex 3 : Project Cost Estimation

Annex 4 : Grant Aid for Community Empowerment of the Government of Japan

Annex 5 : Flow-chart of Funds & Services for the Implementation of Japan's Grant Aid
for Community Empowerment

Annex 6 : Project Implementation Schedule

Annex 7 : Major Undertakings to be taken by Each Government

Annex 8 : The Annual Operation and Maintenance Cost



Annex 1: Project Sites, Priority of Sites and Components

Project Sites

Region	District	S. No	Taluka	Union council	SEMIS Code	School name	Rating	Rating
SUKKUR	KHAIRPUR	Kh-01	Khairpur	Shahdi Shaheed	415030332	GGPS- Wapda Colony		
		Kh-02	Mir Wah	Hindyari	415060527	GGPS- Hadi Bux Laghari		
		Kh-03	Mir Wah	THARI	415060557	GGPS- ALI DAD JOGI		
		Kh-05	Faiz Ganj	Bhangu Behan	415010517	GGPS- Bajeed Fakir		C
		Kh-06	Faiz Ganj	Razabad	415010100	GGPS- Ameen Patho		
		Kh-07	Faiz Ganj	Pakka Chand	415010356	GGPS- Wazirabad Rajper		
		Kh-08	Kot Diji	Fateh Pur	415050251	GGPS- Gambal Shah		
		Kh-09	Kot Diji	Lyari	415050286	GGPS- Jani boro		
		Kh-11	Nara	Chondiko	415070028	GGPS- Karim Bux Bhambhro		C
	SUKKUR	Su-02	Sukkur	Rahuja	418050063	GGPS- Miandad Khoso		
		Su-03	Pano Akil	Nidapur	418010560	GGPS- Sorho		
		Su-04	Pano Akil	Dadlo	418010225	GGPS- Moto Mirbahar		
	GHOTKI	Gh-01	Ghotki	Ghotki-I	419010151	GGPS- Officer Colony Ghotki		
		Gh-02	Daharki	Dad Kaghari	419050268	GGPS- Nawab Khan Pitafi		
Gh-03		Daharki	Kamoon Shaheed	419030149	GGPS- Kamoon shaheed			
Gh-04		Mirpur Mathelo	Dhangro	419020096	GGPS- Belo Nich			
Gh-06		Khan Garh	Mithar	419040100	GGPS- Shero Mahar			
LARKANA		SHIKARPUR	Sh-01	Khanpur	Khanpur	414020104	GGPS- Khanpur - II	
LARKANA	LARKANA	La-01	Dokri	Badah-II	413010040	GGPS- Gund		
		La-02	Bakaarni	Puranno abad	413040145	GGPS- Nai Gudd		
		La-03	Bakaarni	Gerello	413040177	GGPS- Model community Thaercha		
HYDERA-	DADU	Da-01	Dadu	Mian Yar Muh.	402010282	GGPS- Kamaluddin Village Kanhari		C
BAD		Da-03	Dadu	Khudaabad	402010272	GGPS- Uminani		
		Da-04	Mehar	Radhan Station	402040151	GGPS- Garib Abad Radhan		
		Da-05	Mehar	Thariri Muhabat	402040143	GGPS- Wali Muhammad Gorar		

* Rating C: The number of class-VI students is 15~20 at the time of project completion.

(Usage exceeding 50% of classroom capacity is expected.)

Priority of Sites and Components

Priority	District	Site	No. of sites	Project components					
				Facilities			Comp-ound wall	Furni-ture	Equipment (PC equipment)
				CR block	(No. of CRs)	Lavatory block			

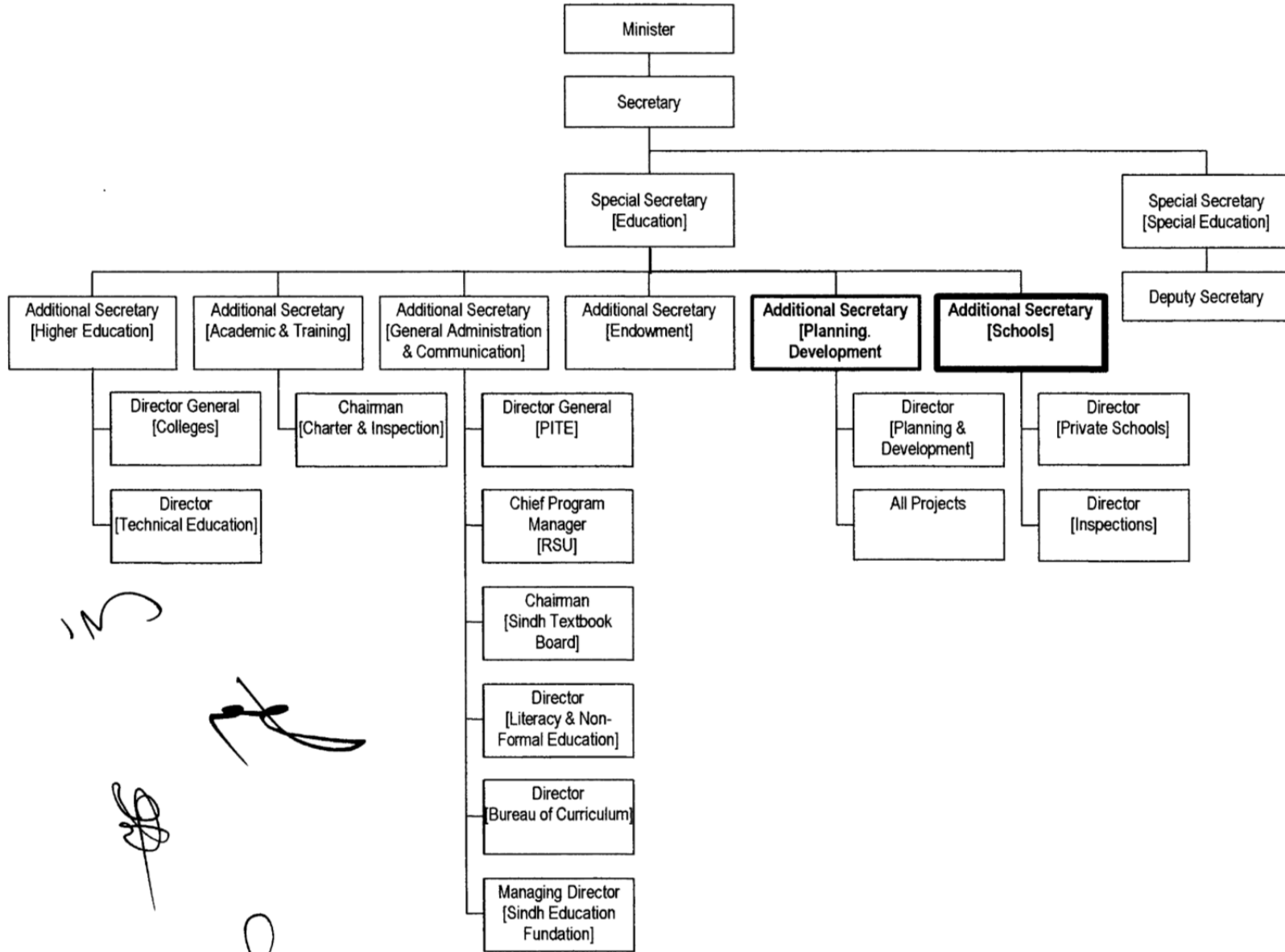
1st priority	Khairpur	Kh01, Kh02, Kh03, Kh06, Kh07, Kh08, Kh09	7	✓	27+7	✓	✓	3rd priority	4th priority	35 sets
	Sukkur	Su02, Su03, Su04	3	✓	12+3	✓	✓			15 sets
	Ghotki	Gh01, Gh02, Gh03, Gh04, Gh06	5	✓	18+5	✓	✓			25 sets
	Shikarpur	Sh01	1	✓	3+1	-	✓			5 sets
	Larkana	La01, La02, La03	3	✓	16+3	✓	✓			15 sets
	Dadu	Da03, Da04, Da05	3	✓	9+3	✓	✓			15 sets
2nd priority	Khairpur	Kh05, Kh11	2	✓	6+2	✓	✓			10 sets
	Dadu	Da01	1	✓	3+1	✓	✓			5 sets

	Total		25		94+25					125 sets
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*The number of classrooms includes regular classrooms and multipurposes classrooms.

*CR = Classroom

ANNEX 2: Organization Chart (Department of Education and Literacy of the Government of Sindh)



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- Signature (middle left)
- Signature (bottom left)
- Signature (bottom center)

ANNEX 4: Grant Aid for Community Empowerment of the Government of Japan

The Government of Japan (hereinafter referred to as “the GOJ”) is implementing the organizational reforms to improve the quality of ODA operations, and as a part of this realignment, the new JICA law was entered into effect on October 1, 2008. Based on the law and the decision of the Government of Japan (hereinafter referred to as “the GOJ”), JICA has become the executing agency of Grant Aid for Community Empowerment (hereinafter referred to as “GACE”).

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

1. Procedures for GACE

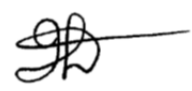
GACE is executed through the following procedures.

Application	Request made by a recipient country
Survey	Preparatory Survey conducted by JICA
Appraisal & Approval	Appraisal by the Government of Japan and JICA, and Approval by the Japanese Cabinet
Determination of Implementation	The Notes (hereinafter referred to as “E/N”) exchanged between the Governments of Japan and the recipient country
Grant Agreement (hereinafter referred to as “the G/A”)	Agreement concluded between JICA and a recipient country
Implementation	Implementation of the Project on the basis of the G/A



Firstly, the application or request for a GACE Project submitted by the Recipient is examined by the Government of Japan (the Ministry of Foreign Affairs) to determine whether or not it is eligible for GACE.

Secondly, if the request is deemed appropriate, the Government of Japan entrusts JICA (Japan International Cooperation Agency) to conduct the Preparatory Survey, using a Japanese consulting firm.



Thirdly, the Government of Japan and JICA appraise the Project to see whether or not it is suitable for Japan's GACE, based on the Preparatory Survey report prepared by JICA, and the results are then submitted to the Japanese Cabinet for approval.

Fourthly, the Project, once approved by the Cabinet, becomes official with the Exchange of Notes (E/N) signed by the Governments of Japan and the Recipient.

Simultaneously, the Grant will be made available by concluding a Grant Agreement (hereinafter referred to as "G/A") between the Government of the Recipient Country or its designated authority and the Japan International Cooperation Agency (JICA). JICA is designated by the Government of Japan as an organization responsible for the proper execution of the Grant.

Procurement Agent ("the Agent") is designated to conduct the procurement services of products and services (including fund management, preparing tenders, contracts and so on) for GACE on behalf of the Recipient. The Agent is an impartial and specialized organization and shall render services according to the Agent Agreement with the Recipient. The Agent is recommended to the Recipient by the Government of Japan and agreed between the two Governments in the Agreed Minutes ("A/M").

2. Preparatory Survey

1) Contents of the Survey

The aim of the Preparatory Survey ("the Survey"), conducted by JICA on a requested Project ("the Project"), is to provide a basic document necessary for the appraisal of the Project by the Government of Japan and JICA. The contents of the Survey are as follows:

- (1) Confirmation of the background, objectives, and benefits of the Project and also institutional capacity of agencies and communities concerned of the recipient country necessary for the Project's implementation;
- (2) Evaluation of the appropriateness of the Project to be implemented under the Grant Aid Scheme for Community Empowerment from a technical, social and economic point of view;
- (3) Confirmation of items agreed upon by both parties concerning the basic concept of the Project;
- (4) Preparation of an outline design of the Project ;
- (5) Estimation of cost for the Project ; and
- (6) Preparation of reference documents for tender.

The contents of the original request by the Government of the recipient country are



agreed upon between the Recipient and JICA at the time of the signing of the G/A. Essential points to be agreed upon are outlined as follows:

- a) JICA executes the Grant by making payments of the amount agreed upon in the E/N and pays serious attention to ensure the accountability on proper and effective use of the Grant for the Project.
- b) The products and services shall be procured and provided in accordance with “Procurement Guidelines of Japan’s Grant Aid for Community Empowerment (Type I – C)”.
- c) The Government of the recipient country shall conclude an employment contract with the Agent.
- d) The Government of the recipient country shall designate the Agent as the representative acting in the name of the Government of the recipient country concerning all transfers of funds to the Agent.

3) Focal Points of JICA’s “Procurement Guidelines of Japan’s Grant Aid for Community Empowerment (Type I – C)”

a) The Agent

The Agent is the organization which provides procurement services of products and services on behalf of the Recipient according to the Agent Agreement with the Recipient. The Agent is recommended to the Recipient by the Government of Japan and agreed between the two Governments in the A/M.

b) Agent Agreement

The Recipient shall conclude an Agent Agreement, within two (2) months after the date of entry into force of the G/A, in accordance with the A/M. The scope of the Agent’s services shall be clearly specified in the Agent Agreement.

c) Approval of the Agent Agreement

The Agent Agreement, which is prepared as two identical documents, shall be submitted to JICA by the Recipient through the Agent. JICA confirms whether or not the Agent Agreement is concluded in conformity with the E/N, the G/A, and the JICA’s Procurement Guidelines of Japan’s Grant Aid for Community Empowerment, and approves the Agreement. The Agent Agreement concluded between the Recipient and the Agent shall become effective after the approval by JICA in a written form.



d) Payment Methods

The Agent Agreement shall stipulate that "regarding all transfers of the fund to the Agent, the Recipient shall designate the Agent to act on behalf of the Recipient and issue a Blanket Disbursement Authorization ("the BDA") to conduct the transfer of the fund (Advances) to the Procurement Account from the Recipient Account."

The Agent Agreement shall clearly state that the payment to the Agent shall be made in Japanese yen from the Advances and that the final payment to the Agent shall be made when the total Remaining Amount becomes less than 3 % of the Grant and its accrued interest excluding the Agent's fees.

e) Products and Services Eligible for Procurement

Products and services to be procured shall be selected from those defined in the G/A.

f) Firms

In principle, the consultant firm who carried out the Preparatory Survey will be recommended by JICA to the recipient country as the supervisor of the Project's implementation after the E/N and the G/A signing, in order to maintain technical consistency. Besides, consultants of any nationality will be contracted for detailed design study and supervising works. Firms of any nationality could be contracted as contractors and suppliers as long as the firm satisfies the conditions specified in the tender documents.

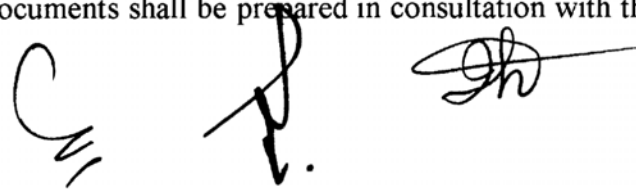
g) Method of Procurement

In implementing procurement, sufficient attention shall be paid so that there is no unfairness among tenderers who are eligible for the procurement of products and services. For this purpose, competitive tendering shall be employed in principle.



h) Tender Documents

The tender documents should contain all information necessary to enable tenderers to prepare valid offers for the products and services to be procured by GACE. The rights and obligations of the Recipient, the Agent and the Suppliers of the products and services should be stipulated in the tender documents to be prepared by the Agent. Besides this, the tender documents shall be prepared in consultation with the Recipient.



i) Pre-qualification Examination of Tenderers

The Agent may conduct a pre-qualification examination of tenderers in advance of the tender so that the invitation to the tender can be extended only to eligible firms. The pre-qualification examination should be performed only with respect to whether or not the prospective tenderers have the capability of accomplishing the contracts concerned without fail. In this case, the following points should be taken into consideration:

- (1) Experience and past performance in contracts of a similar kind;
- (2) Property foundation or financial credibility; and
- (3) Existence of offices, etc. to be specified in the tender documents.

j) Tender Evaluation

The tender evaluation should be implemented on the basis of the conditions specified in the tender documents. Those tenders, which substantially conform to the technical specifications, and are responsive to other stipulations of the tender documents, shall be judged in principle on the basis of the submitted price, and the tenderer who offers the lowest price shall be designated as the successful tenderer.

The Agent shall prepare a detailed tender evaluation report clarifying the reasons for the successful tender and the disqualification and submit it to the Recipient to obtain confirmation before concluding the contract with the successful tenderer. The Agent shall, before a final decision on the awards is made, furnish JICA with a detailed evaluation report of tenders, giving the reasons for the acceptance or rejection of tenders.

k) Additional Procurement

If there is an additional procurement fund after competitive and / or selective tendering and / or direct negotiation for a contract, and the Recipient would like an additional procurement, the Agent is allowed to conduct an additional procurement, following the points mentioned below:

(1) Procurement of the same products and services

When the products and services to be additionally procured are identical with the initial tender and a competitive tendering is judged to be disadvantageous, the additional procurement can be implemented by a direct contract with the successful tenderer of the initial tender.



(2) Other procurements

When products and services other than those mentioned above in (1) are to be procured, the procurement should be implemented through a competitive tendering. In this case, the products and services for additional procurement shall be selected from among those in accordance with the E/N and the G/A.

l) Conclusion of the Contracts

In order to procure products and services in accordance with the G/A, the Agent shall conclude contracts with firms selected by tendering or other methods.

m) Terms of Payment

The contract shall clearly state the terms of payment. The Agent shall make payment from the "Advances", against the submission of the necessary documents from the Firm on the basis of the conditions specified in the contract, after the obligations of the Firm have been fulfilled. When the services are the object of procurement, the Agent may pay certain portion of the contract amount in advance to the firms on the conditions that such firms submit the advance payment guarantee worth the amount of the advance payment to the Agent.

l) Major Undertakings to be taken by the Government of the recipient country

(a) In the implementation of the Grant Aid Project, the recipient country is required to undertake such necessary measures as the following:

(1) to secure lots of land necessary for the implementation of the Project and to clear the sites ;

(2) to provide facilities for distribution of electricity, water supply and drainage and other incidental facilities necessary for the implementation of the Project outside the sites referred to in (a) above;

(3) to ensure prompt customs clearance and to assist internal transportation in the recipient country and to assist internal transportation therein of the products;

(4) to ensure that customs duties, internal taxes and other fiscal levies which may be imposed in the recipient country with respect to the purchase of the Components as well as the employment of the Agent be exempted/be borne by its designated authority without using the Grant and its accrued interest;



(5) to accord Japanese nationals and / or nationals of third countries, including such nationals employed by the Agent, whose services may be required in connection with the supply of the Components such facilities as may be necessary for their entry into the recipient country and stay therein for the performance of their work (The term "nationals" whenever used in the G/A means Japanese physical persons or Japanese juridical persons controlled by Japanese physical persons in the case of Japanese nationals, and physical or juridical persons of third countries in the case of nationals of third countries.);

(6) to ensure that the Facilities and the Components be maintained and used properly and effectively for the implementation of the Project;

(7) to bear all the expenses, other than those covered by the Grant and its accrued interest, necessary for the implementation of the Project; and

(8) to give due environmental and social consideration in the implementation of the Project.

(b) Upon the request of JICA, the Recipient shall provide JICA with necessary information on the Project.

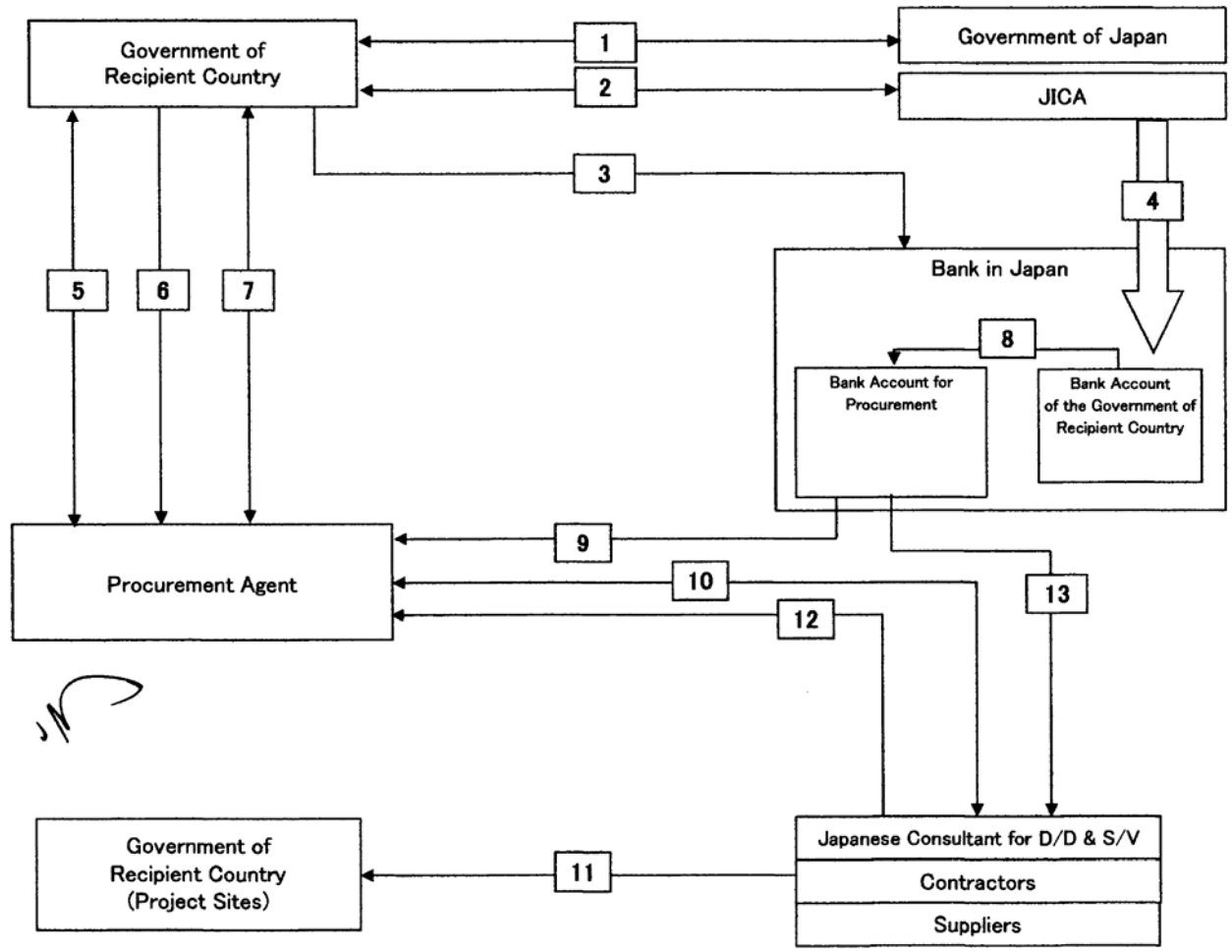
(c) With regard to the shipping and marine insurance of the products procured by the Project, the Recipient shall refrain from imposing any restrictions that may hinder fair and free competition among the shipping and marine insurance companies.

(d) The products procured by the Project shall not be exported or re-exported from the recipient country.

(e) The Recipient shall ensure that any official of its government does not undertake any part of the Japanese nationals' work and / or the work of nationals of third countries on purchase of the Components.

Handwritten signatures and initials in black ink. There are three distinct signatures: a large, stylized signature on the left, a smaller signature in the middle, and a signature on the right that appears to be 'SH' with a horizontal line through it. Additionally, there is a large, stylized signature or mark in the upper right corner of the page.

Annex 5: Flow-chart of Funds & Services for the Implementation of Japan's Grant Aid for Community Empowerment



- 1 Signing of Exchange of Notes (E/N)
- 2 Signing of Grant Agreement (G/A)
- 3 Banking Arrangement (B/A)
- 4 Disbursement of Funds
- 5 Signing of Agreement for Agent (A/A)
- 6 Blanket Disbursement Authorization (BDA)
- 7 Decision on the Comonetrns of the Project: Facilities & equipments
- 8 Transfer of Funds
- 9 Payment of Remuneration to the Agent
- 10 Conclusion of Contract
- 11 Construction and/or Procurement of Equipment
- 12 Application for Payment
- 13 Payment

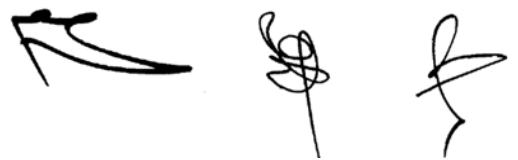
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Annex 6: Project Implementation Schedule

Month	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
Procurement Agent	★ Agent Agreement (The same office for the previous project will be utilized.)		Fund Transfer																								Closing of Project office for Procurement Agent						
Batch 1 Lot 1 Facility Construction	Preparation		▼ Tender Opening		▼ Signing of Contract																								Tendering total 4.0 months Construction: total 12.0 months				
	Public Notice	▲	Evaluation/Approval/Contract	Preparation	Soil Work/Foundation Work	Site Clearing/Temporary Work	Structural Work	Finishing Work/Mechanical/Electrical Work	External Work																								
Batch 2 Lot 2 Facility Construction					Preparation		▼ Tender Opening		▼ Signing of Contract																								
					▲	Evaluation/Approval/Contract	Preparation	Construction Works																									
Batch 3 Lot 3/4 Furniture/Equipment					Preparation		▼ Tender Opening		▼ Signing of Contract																								Tendering total 4.0 months Construction: total 12.0 months
					▲	Evaluation/Approval/Contract	Public Notice	Manufacturing-Import	Transportation-Installation-Test run	Inspection-Handover																							
Batch 4 Lot 5 Facility Construction					Preparation		▼ Tender Opening		▼ Signing of Contract																								
					▲	Evaluation/Approval/Contract	Public Notice	Preparation	Construction Works																								
Batch 5 Lot 6/7 Furniture/Equipment					Preparation		▼ Tender Opening		▼ Signing of Contract																								
					▲	Evaluation/Approval/Contract	Public Notice	Procurement Work	Procurement Work																								

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Major Undertakings to be taken by Recipient Government

1. Before the Tender

NO	Items	Deadline	In charge	Cost ('000PKR)	Ref.
1	To open Bank Account (Banking Arrangement (B/A))	within 1 month after G/A	Coordinated by ELD	-	
2	To complete the extension of project timeline if needed	June 2017	ELD	-	
3	To secure the following lands 1) project sites (plots of 25 existing schools and lands for extension of 17 schools adjacent to the school plots)	before notice of the tender	DEO-ELD	-	
4	To demolish and remove existing structures in the site of Su02 and in the extended land of La02	before notice of the tender	DEO-ELD	913.0	
5	To construct access road between the main road to the school entrance at the site Kh07	before notice of the tender	DEO-ELD	84.0	
6	To remove electric poles and realign low-voltage power lines existing in the site Su03 and Gh04	before notice of the tender	DEO-ELD	27.0	
7	To relocate the open drainage existing within the site from neighboring plots in the site Su03	before notice of the tender	DEO-ELD	65.0	

2. During the Project Implementation

NO	Items	Deadline	In charge	Cost	Ref.
1	To bear the following commissions to a bank of Japan for the banking services based upon the B/A 1) Payment commission	every payment	ELD	816.8 (total)	
2	To ensure prompt unloading and customs clearance at the port of disembarkation in recipient country 1) Tax exemption and customs clearance of the products at the port of disembarkation	during the Project	ELD	-	
3	To accord Japanese nationals and/or physical persons of third countries 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	during the Project	ELD	-	
4	To ensure that customs duties, internal taxes and other fiscal levies which may be imposed in the country of the Recipient with respect to the purchase of the Products and/or the Services be exempted: Such customs duties, internal taxes and other fiscal levies mentioned above include General Sales Tax, Sales Tax for Services, commercial tax, income tax and corporate tax of Japanese nationals, resident tax, fuel tax, but not limited, which may be imposed in the recipient country with respect to the supply of the products and services under the verified contract	during the Project	ELD EAD	-	
5	To bear all the expenses, other than those to be borne by the Grant Aid, necessary for construction of the facilities as well as for the transportation and installation of the equipment	during the Project	ELD	Depends	

6	To reallocate students from 13 schools where existing classrooms cannot be used during construction to schools nearby	During the construction	DEO-ELD	-	
7	To provide facilities for the distribution of electricity, water supply, drainage and other incidental facilities 1) Electricity To distribute line to the site and connect it to the meter to be installed by the project (new connection: 20 sites) To shift the connecting point from the existing panel to the newly installed meter	3 months before completion of the construction	DEO-ELD	990.5	

3. After the Project

NO	Items	Deadline	In charge	Cost	Ref.
1	To distribute electricity to the existing classroom buildings from the newly installed main-board (depending on the school's needs and existing installations)	After completion of the construction	DEO-ELD	966.2	
2	To maintain and use properly and effectively the facilities constructed and equipment provided under the Grant Aid 1) Allocation of maintenance cost 2) Operation and maintenance structure 3) Routine check/Periodic inspection		ELD School/ Community	-	

	TOTAL			3,862.6	
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Notes:

- ELD Education and Literacy Department
- DEO District Education Officer
- EAD Economic Affairs Division

Annex 8: Annual Operation & Maintenance Costs

District	No. of sites	Annual Personnel costs (1,000 Rs.) = [A]	Annual maintenance costs (1,000 Rs.)		
			Facility operating costs (Electricity charge) = [B]	Facility/furniture Maintenance costs = [C]	Total
Khairpur	9	12,180.0	164.0	452.6	616.6
Sukkur	3	4,178.4	55.0	152.0	207.0
Ghotki	5	6,854.4	90.3	245.3	335.6
Shikarpur	1	1,174.8	14.1	36.4	50.5
Larkana	3	3,690.0	67.9	196.6	264.5
Dadu	4	4,770.0	63.5	169.1	232.6
TOTAL	25	32,847.6	454.8	1,252.0	1,706.8
(Amount of increase per school)			(18.2)	(50.1)	(68.3)

Expense items of contributed budget	Education Sector Current Budget - Personnel costs	Education Sector Current Budget - Utility charges	SMC Fund	Education Sector Current Budget - Non-salary budget
2015/16 Budget Amount (Sindh Province)	106,825.0	836.8	Middle-school 50,000 Rs./school	37,958.8
Amount of increase [A] [B] [C] share rate	0.031%	0.054%	100.2%	0.004%

*SMC = School Management Committee

4.2 Field Survey V (TECHNICAL NOTES)

TECHNICAL NOTES

SUPPLEMENTARY SURVEY (FIELD SURVEY V) ON THE PROJECT FOR UPGRADING GIRLS PRIMARY SCHOOLS INTO ELEMENTARY SCHOOLS IN NORTHERN RURAL SINDH

Through discussions on the findings of the field survey reported by the Survey Team (hereinafter called "the Team"), consisting of Japanese consultants dispatched by JICA, Japan International Cooperation Agency & Education and Literacy Department of the Government of Sindh (hereinafter called "ELD") and the Team confirmed the following issues:

(1) Land for extension

Through the field survey, land area for extension of school property were identified with an agreement by landlords at the sites where extension is necessary.

To secure the land for the Project, the Team requested ELD to make the relevant District Education Offices issue a letter to confirm the area after extension by attaching the survey maps which will be provided by the Team.

ELD takes necessary measures to obtain the letters and send a copy to Japanese side by the end of November.

(2) The sites with critical problem

The Team explained that the following sites have a critical problem and may not be covered by the Project because of the reason shown below:

- Su02 GGPS PanoAkil: Planned construction area is occupied by foundations of new classroom block under construction and no other land is available.
- La02 GGPS NaiGudd: Some temporary mud houses were built adjacent to the school which need to be relocated for construction.
- Da02 GGPS Chano Shahabad: 2 classrooms for middle section are mostly completed and primary section has adequate number of classrooms.

ELD understood the situation and agreed to delete Da02 while proposed to clear the sites as a work by the recipient. The land owner has agreed to relocated those houses in case of La02.

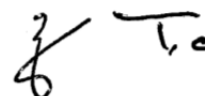
(3) Building for primary section

Both sides agreed that minimum number of classrooms shall be provided by the Project at the site where existing buildings cannot be used due to dangerous condition. Such sites are Kh02, Kh11 and La03.

Oppositely, classrooms for primary section will not be included in case a dilapidated building has been rebuilt after the previous survey. Such a site is Su03.

(4) Prioritization of the selected site

The Team will make further analysis on the selected site and put priority order to them. Prioritization will be based on expected enrollment of middle section from the catchment area. Method of analysis basically follows the previous project for southern Sindh, as well as the criteria shown below:



Expected number of class VI students		
30 or more	(classrooms are fully utilized)	Priority A
22-29	(3 teachers can be deployed according to the norm)	Priority B
16-21	(more than half of CR capacity can be occupied)	Priority C
15 or less	(more than half of CR capacity remains unused)	Priority D

Difference of standard class size of Northern Sindh (20-25 students), being less developed and more remote, shall be taken into account in order to reduce regional disparity and promote regional equity, and certain adjustments may be applied.

(5) Priority of components

Both side agreed that the equipment shall be of lowest priority. Japanese side explained to put the second lowest priority to facility construction at the sites with lowest priority since furniture is fundamental component for function of a school.

Contrary to that, ELD emphasized that facility construction at all the selected sites shall be given the top priority since furniture can be procured using own budget.

Final decision will be made taking into account the result of the previous project for southern Sindh for which furniture is procured by ELD, and consultations in Japan.

(6) Finalizing outline design of the Project

The Team explained that the outline design of the facilities will be finalized with necessary adjustment of building types and layout of buildings reflecting updated conditions of the site and its surroundings obtained through the field survey.

(7) Further schedule

Based on the result of this survey and further analysis in Japan, draft report on the preparatory survey will be compiled by the beginning of December, 2015, which will be explained by an official mission of JICA.

Karachi, September 9, 2015

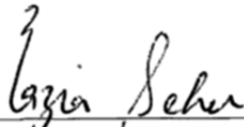


Mr. Rehan Iqbal Baloch
Additional Secretary,
Education and Literacy Department
Government of Sindh



Mr. Tomohiro Osawa
Managing Director
Matsuda Consultants International
Co., Ltd.

Witness:



Ms. Nazia Seher
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JICA Pakistan Office

5. References

- 1 Pakistan 2025 One Nation- One Vision (Vision 2025), (2014) Planning Commission, Government of Pakistan
- 2 The 11th Five Year Plan 2013-2018, (2014) Planning Commission, Government of Pakistan
- 3 Strategic Appraisal of 18th Amendment, (2012) National School of Public Policy
- 4 Sindh Vision 2030, (2007) Planning & Development Department, Government of Sindh
- 5 National Education Policy 2009, (2009) Ministry of Education, Government of Pakistan
- 6 Joint Declaration on Education, (2011) Press Information Department
- 7 The Sindh Right of Children to Free and Compulsory Education Act, (2013) Provincial Assembly of Sindh
- 8 Sindh Education Sector Plan 2014-2018, (2014) Education & Literacy Department., Government of Sindh
- 9 Project Appraisal Document for a Sindh Global Partnership for Education Project, (2014) The World Bank
- 10 Project Paper on a Proposed Additional Credit for the Sindh Education Sector Project, (2011) The World Bank
- 11 Implementation Completion and Results Report for a Sindh Education Sector Project, (2012) The World Bank
- 12 Project Appraisal Document for a Second Sindh Education Sector Project, (2014) The World Bank
- 13 Country Report of Pakistan Regarding Accelerating Millennium Development Goals 2013-15, (2013) Ministry of Education & Training/ AEPAM
- 14 Pakistan Education for All Review Report 2015, (2014) Ministry of Federal Education/ AEPAM
- 15 Pakistan Education Statistics 2013-14, (2015) AEPAM, Ministry of Federal Education & Professional Training
- 16 Executive Sindh Education Profile 2014-15, (2015) Reform Support Unit, Education & Literacy Department, Government of Sindh
- 17 Sindh Education Profile 2014-15, (2015) Reform Support Unit, Education & Literacy Department, Government of Sindh
- 18 Annual Status of Education Report- ASER Pakistan 2014, (2015) South Asian Forum for Education Development
- 19 Pakistan Social and Living Standards Measurement Survey 2013/14, (2015) Pakistan Bureau of Statistics
- 20 Pakistan Economic Survey 2014-15, (2016) Finance Division, Government of Pakistan
- 21 Budget 2015-16 Volume I-VII, (2015) Finance Department, Government of Sindh
- 22 Federal Budget 2015-16 (Annual Budget Statement, etc.), (2015) Finance Division, Government of Pakistan

6. Other Relevant Data: (1) Cost Estimation to be borne by the Pakistani side

District	S.N	Name of School	Urban or Rural	Works to be done by Pakistan side						TOTAL	Notes		
				Distribution of Electricity									
				Type of Work	New connection charge+security deposit [a]	Extension of service line: 200m/site [b]	Shifting of incoming point (re-connection) [c]	Distribution of electricity from new DB to existing ones: 20m/site [d]	Total [A] ([a]-[d])	Others Details	Amount		
Khairpur	Kh01	GGPS Wapda Colony	U	New connection	7,320	40,800		50,850	98,970			98,970	
	Kh02	GGPS Hadi Bux Laghari	R	Shifting	6,100	-	11,000	-	17,100			17,100	
	Kh03	GGPS Haji Ali Dad Jogi	R	Shifting	3,660	-	11,000	50,850	65,510			65,510	
	Kh05	GGPS Bajeed Fakir	R	New connection	3,660	40,800		50,850	95,310			95,310	
	Kh06	GGPS Ameen Patho	R	New connection	3,660	40,800		50,850	95,310			95,310	
	Kh07	GGPS Wazirabad Rajper	R	New connection	3,660	40,800		50,850	95,310	Construction of access road (L22m)	84,000	179,310	
	Kh08	GGPS Gambal Shah	R	New connection	3,660	40,800		50,850	95,310			95,310	
	Kh09	GGPS Jani Boro	R	New connection	3,660	40,800		50,850	95,310			95,310	
	Kh11	GGPS Karim Bux Bhambhro	R	New connection	6,100	40,800		-	46,900			46,900	
		TOTAL Khairpur				41,480	285,600	22,000	355,950	705,030		84,000	789,030
Sukkur	Su02	GGPS Miandad Khoso	U	New connection	12,200	40,800		-	53,000	Demolition/removal of existing stone foundation (256sq.m)	140,000	193,000	
	Su03	GGPS Sorho	R	New connection	3,660	40,800		-	44,460	Relocation of existing LV line and a pole and rerouting existing open drainage	73,000	117,460	
	Su04	GGPS MotoMirbahar	R	New connection	3,660	40,800		50,850	95,310			95,310	
		TOTAL Sukkur				19,520	122,400	-	50,850	192,770		213,000	405,770
Ghotki	Gh01	GGPS Officer Col. Ghotki	U	New connection	7,320	40,800		50,850	98,970			98,970	
	Gh02	GGPS Nawab Khan Pitafi	R	New connection	3,660	40,800		50,850	95,310			95,310	
	Gh03	GGPS Kamoon Shaheed	R	New connection	3,660	40,800		50,850	95,310			95,310	
	Gh04	GGPS Belo Naich	R	New connection	6,100	40,800		-	46,900	Relocation of existing LV line	19,000	65,900	
	Gh06	GGPS Sheroo Mahar	R	Shifting	3,660	-	11,000	50,850	65,510			65,510	
		TOTAL Ghotki				24,400	163,200	11,000	203,400	402,000		19,000	421,000
Shikarpur	Sh01	GGPS Khanpur-II	U	New connection	3,660	40,800		50,850	95,310			95,310	
		TOTAL Shikarpur				3,660	40,800	-	50,850	95,310		-	95,310
Larkana	La01	GGPS Gund	R	New connection	3,660	40,800		50,850	95,310			95,310	
	La02	GGPS Nai Gudd	R	New connection	6,100	40,800		-	46,900	Demolition/removal of existing buildings (538sq.m)	773,000	819,900	
	La03	GGPS Model Comm.Tharecha	R	Shifting	6,100	-	11,000	50,850	67,950			67,950	
		TOTAL Larkana				15,860	81,600	11,000	101,700	210,160		773,000	983,160
Dadu	Da01	GGPS Kamaluddin Vill. Kanhiri	R	New connection	3,660	40,800		50,850	95,310			95,310	
	Da03	GGPS Aminani	R	New connection	3,660	40,800		50,850	95,310			95,310	
	Da04	GGPS Gharib Abad Radhan	R	Shifting	3,660	-	11,000	50,850	65,510			65,510	
	Da05	GGPS Wali Muhammad Gorar	R	New connection	3,660	40,800		50,850	95,310			95,310	
		TOTAL Dadu				14,640	122,400	11,000	203,400	351,440		-	351,440
TOTAL					119,560	816,000	55,000	966,150	1,956,710		1,089,000	3,045,710	
	Comission to banking services related to banking arrangements and payment											815,155	815,155
	GRAND TOTAL												3,860,865

(2) Summary of Operation Status of the Surveyed Schools

Region	District	S.N	School	SEMIS	Taluka	Loca- tion		Enrollment (Girls)										Total	(Boys)	Total	Teachers					STR	Shortage /30	Other teachers	Remarks	
								New	UC Village	K	I	II	III	IV	V	Total	Total				Total	PST	M	Others	Total					Volunteer
Sukkur	Khairpur	1	Kh01 GGPS- Wapda Colony	415030332	Khairpur	Urban	2015/16	14	30	12	16	12	12	96	82	22	80	198	9			9	0	0	22.0	-2	2 CRs (under construction at the previous survey) are utilized for G6 to 7. New plot is provided to shift planned building from the existing HV power line.			
				152361	Shadi Shaheed		2012/13	24	22	20	9	13	8	96	72		53	149	7		1	8	0	0						
					Wapda Colony		2010/11	64	15	14	16	28	13	150	86			150	9			9	0	0						
		2	Kh02 GGPS- Hadi Bux Laghari	415060527	Mrwah	Rural	2015/16	15	12	4	5	10	11	57	42	28		85	7			7	0	0	12.1	-4	Middle classes are provided as a branch of nearby GGHS. Existing building is not usable and new building for primary section shall be constructed.			
				158522	Hindyar		2012/13	35	25	13	13	14	7	107	72	43		150	7			7	0	0						
					Hadi Bux Laghari		2010/11	10	13	10	16	18	8	75	65			75	6			6	0	0						
		3	Kh03 GGPS- Haji Ali Dad Jogi	415060557	Mrwah	Rural	2015/16	23	10	7	5	6	7	58	35		58	3			3	0	0	19.3	-1					
				158565	Thari Mirwah		2012/13	42	25	12	11	8	15	113	71			113	3			3	0	0						
					Haji Ali Dad Jogi		2010/11	23	20	11	12	11	14	91	68			91	3			3	0	0						
		4	Kh05 GGPS- Bajeed Fakir	415010517	Faiz Ganj	Rural	2015/16	69	9	10	13	14	21	136	67	50	66	252	4			4	0	3	63.0	4	Middle classes are provided as a branch of nearby GGHS.			
				148412	Bhango Behan		2012/13	71	12	16	28	41	40	208	137	60	48	316	5		1	6	0	2						
	Bajeed Fakir			2010/11	55		30	58	48	46	13	250	195			250	9			9	0	0								
5	Kh06 GGPS- Ameen Pato	415010100	Faiz Ganj	Rural	2015/16	40	7	16	25	13	22	123	83		123	5			5	0	0	24.6	-1							
		148364	Razabad		2012/13	40	12	16	10	19	16	113	73			113	3			3	0	2								
			Ameen Pato		2010/11	40	14	18	24	13	18	127	87			127	5			5	0	0								
6	Kh07 GGPS- Wazir Abad	415010356	Faiz Ganj	Rural	2015/16	45	10	10	0	10	5	80	35	69	149	4			4	0	0	37.3	1							
		148413	Pucca Chang		2012/13	60	13	7	9	1	8	98	38	82	180	3			3	0	3									
			Wazir Abad		2010/11	32	34	1	10	10	5	92	60			92	2			2	0	0								
7	Kh08 GGPS- Gambal Shah	415050251	Kot Diji	Rural	2015/16	22	8	6	12	8	10	66	44		66	1		1	2	0	1	33.0	0	UNICEF Single teacher. Contract of UNICEF teacher is by the end of this December. One of two existing CR blocks is not usable.						
		156356	Fatehpur		2012/13	50	6	13	8	10	9	96	46			96	2		1	3	0	0								
			Gambal Shah		2010/11	31	9	10	9	15	13	87	56			87	2			2	0	0								
8	Kh09 GGPS- Jani Buriro	415050286	Kot Diji	Rural	2015/16	60	8	11	12	8	7	106	46		106	3		2	5	0	0	21.2	-1	SEF Separate ECE class is run by SEF teachers with enrollment of 40 children.						
		156400	Layari		2012/13	20	11	8	11	11	11	72	52	11		83	3		2	5	0	1								
			Jani Buriro		2010/11	110	9	11	15	14	18	177	67			177	1			1	0	0								
9	Kh11 GGPS- Karim Bux Bhambhro	415070028	Nara	Rural	2015/16	3	8	7	5	5	5	33	30	51	84			1		0	1	1	84.0	2	Single male teacher run the school with help of a volunteer.					
		161537	Choondiko		2012/13	13	3	7	7	5	7	42	29	63	105	0	1		0	1	1									
			Karim Bux Bhambhro		2010/11	42	26	27	23	18	14	150	108			150	1			1	0	0								
Sukkur	10	Su02 GGPS- Mianad Khosro	418050063	Sukkur New	Urban	2015/16	55	20	12	14	18	20	139	84		139	2			2	0	1	69.5	3	Separate ECE class (40 children) is run with help of SEF. Planned construction area is occupied by the foundation of new CR block under construction.					
			184020	16 Rahuja		2012/13	18	20	20	10	15	10	93	75			93	2			2	0	0							
				Mianad Khosro		2010/11	25	14	40	11	11	14	115	90			115	2			2	0	0							
	11	Su03 GGPS- Sorho	418010560	Pano Akil	Rural	2015/16	13	9	13	11	9	15	70	57		70	4			4	0	0	17.5	-2	Existing CR block has been reconstructed by World Vision Project. No need to construct building for primary section.					
			180023	Sangi		2012/13	20	25	19	22	12	20	118	98			118	4			4	0	0							
				Sorho		2010/11	32	10	12	18	12	16	100	68			100	4			4	0	0							
	12	Su04 GGPS- Motoo Mirbahar	418010225	Pano Akil	Rural	2015/16	49	19	14	20	18	11	131	82		131	2			2	0	0	65.5	2						
			180021	Dadloi		2012/13	20	14	22	13	5	26	100	80			100	2			2	0	0							
				Motoo Mirbahar		2010/11	0	28	8	12	11	13	72	72			72	2			2	0	0							

Region	District	S.N	School	SEMISS	Taluka	Location	Enrollment (Girls)										(Boys)			Teachers					STR	Shortage /30	Other teachers	Remarks
							New	UC	K	I	II	III	IV	V	Total	Total I-V	Total VI-VIII	Total	PST		Others		Volunteer					
																			F	M	F	M						
Sukkur	Ghotki	13	Gh01 GGPS- Officer Colony Ghotki	419010151 176022	Ghotki	Urban	2015/16	26	45	11	14	34	11	141	115		141	10		2	12	0	0	11.8	-7	SEF ECE classes are run by SEF teachers. 2 teachers are taking long leave.		
							2012/13	25	24	16	15	17	9	106	81		106	6			6	0	0					
							2010/11	30	10	20	16	13	12	101	71		101	6			6	0	0					
		14	Gh02 GGPS- Nawab Khan Pitafi	419050268 179589	Daharki	Rural	2015/16	24	16	8	21	12	8	89	65		89	3			3	0	0	29.7	0			
							2012/13	20	20	10	7	13	6	76	56		76	3			3	0	0					
							2010/11	28	9	8	11	14	18	88	60		88	3			3	0	0					
	15	Gh03 GGPS: Kamoon shaheed	419030149 186385	Urbano	Rural	2015/16	8	23	22	8	7	7	75	67		75	4			4	0	0	18.8	-1	2 teachers were newly recruited by new system.			
						2012/13	34	20	14	10	8	9	95	61		95	2			2	0	0						
						2010/11		30	13	10	7	20	80	80		80	2			2	0	0						
	16	Gh04 GGPS- Belo Nich	419020096 178539	Mirpur Mathelo	Rural	2015/16	11	23	2	5	2	3	46	35		46	1			1	0	0	46.0	1				
						2012/13	18	10	12	6	6	5	57	39		57	1			1	0	0						
						2010/11	62	7	6	5	5	11	96	34		96	1			1	0	0						
	17	Gh06 GGPS- Shero Mahar	419040100 202003	Khan Garh	Rural	2015/16	10	11	14	9	4	13	61	51		61	2			2	0	0	30.5	0				
						2012/13	100	20	20	21	7	6	174	74		174	1			1	0	0						
						2010/11	43	20	8	6	14	16	107	64		107	1			1	0	0						
Larkana	Shikarpur	18	Sh01 GGPS- Khanpur-II	414020104 142198	Khanpur	Urban	2015/16	20	80	57	56	61	35	309	289		309	7			7	0	0	44.1	3	Upgrading is planned to improve overcrowding of adjacent GGHS.		
							2012/13	32	150	83	60	60	32	417	385		417	6			6	0	0					
							2010/11	20	130	80	50	73	65	418	398		418	5			5	0	0					
Larkana	Larkana	19	La01 GGPS- Gund	413010040 126372	Dokri	Rural	2015/16	60	16	19	15	26	25	161	101		161	5			5	0	0	32.2	0	Due to security reason the plot is currently utilized for Boys school.		
							2012/13	60	30	23	24	29	17	183	123		183	5			5	0	0					
							2010/11	49	21	16	20	20	44	170	121		170	4			4	0	0					
		20	La02 GGPS- Nai Gud	413040145 126377	Bakrani	Rural	2015/16	30	20	22	28	20	15	135	105		69	204	8			8	0	0	25.5	-1	Located in built-up commercial area and to secure land for construction needs demolition of inhabited houses.	
							2012/13	50	8	18	44	34	37	191	141		70	261	5			5	0	0				
							2010/11	40	25	60	46	28	29	228	188		228	5			5	0	0					
	21	La03 GGPS- Model Community Tharecha	413040177 131100002	Bakrani	Rural	2015/16	50	20	11	10	9	10	110	60		110	2			2	0	0	55.0	2	Existing CR block is in dangerous condition and to be demolished.			
						2012/13	40	15	10	6	6	10	87	47		87	2			2	0	0						
						2010/11	25	25	20	11	17	11	109	84		109	2			2	0	0						
Hyderabad	Dadu	22	Da01 GGPS- Kamaluddin Village Kanhuri	402010282 9515	Dadu	Rural	2015/16	39	11	5	5	7	20	87	48		87	2			2	0	0	43.5	1	NCHD		
							2012/13	115	19	20	52	28	12	246	131		246	0		4	4	0	1					
							2010/11	213	11	28	12	33	49	346	133		346	5			5	0	0					
		23	Da02 GGPS- Chhano Shahabad	402010242 8371	Dadu	Urban	2015/16	50	30	25	29	10	26	170	120		170	17			17	0	0	10.0	-11	2 classrooms just constructed for middle section which is run by nearby GGHS. Enrollment shows dramatic fall after the end of WFP project.		
							2012/13	189	150	100	182	85	88	794	605		794	15			15	0	0					
							2010/11	130	150	50	182	302	85	899	769		899	17			17	0	0					
	24	Da03 GGPS- Aminani	402010272 2785	Dadu	Rural	2015/16	42	15	20	15	16	6	114	72		114	3			3	0	0	38.0	1				
						2012/13	51	10	20	19	22	15	137	86		137	3			3	0	0						
						2010/11	62	19	18	24	17	9	149	87		149	3			3	0	0						
	25	Da04 GGPS- Gharib Abad Radhan	402040151 16352	Mehar	Rural	2015/16	30	29	26	20	20	20	145	115		145	10			10	0	0	14.5	-5				
						2012/13	70	100	50	50	50	50	370	300		370	7			7	0	0						
						2010/11	50	50	50	50	16	36	252	202		252	8			8	0	0						
	26	Da05 GGPS- Wali Muhammad Gorar	402040143 16137	Mehar	Rural	2015/16	16	14	13	7	9	9	68	52		68	5			5	0	0	13.6	-3				
						2012/13	52	19	14	14	18	19	136	84		136	4			4	0	0						
						2010/11	45	35	11	17	13	14	135	90		135	4			4	0	0						

Notes 1. Data for 2015/16 (upper row) is from Field Survey V (this Supplementary Survey), data for 2012/13 (middle row) is from Field Survey II made at 2012 and data for 2010/11 (lower row) is from Field Survey I-2.