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MONITORING & EVALUATION SERVICES

KP / FATA RECONSTRUCTION PROGRAMS



MONTHLY PROGRESS REPORT # 34

JUNE 2013



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ANNEXURES*

Annexure-I: Monthly Summary of Laboratory Test Results

Annexure-II: Progress Photos

* On the request of USAID, site visit reports, pre-construction reports, laboratory and field testing reports & correspondence with USAID are not included in this report.



SUMMARY / COMMENTS / ACTIONS

IMPLEMENTATION STATUS OF USAID FUNDED SUB PROJECTS

At the end of June 2013 the status of the USAID funded sub-projects under KP/FATA Reconstruction Programs, is as follows:

Table 1: DETAILS OF 30 SCHOOLS COMPLETED IN JUNE 2012

Sr. #	Category	Name of School	Gender Classification	No of Classroom	FARA / PIL	Actual occupation date	Physical Progress Achieved	Enrollment of students	Branding Plaque
DISTRICT DIR (LOWER)									
1	GCMS	Moranai	Boys	10	FARA-I	15-05-2012	Completed	145	Attached
2	GPS	Gumbatai Lal Qilla	Boys	6	FARA-II	10-05-2012	Completed	180	Attached
3	GPS	Mulayano Banda	Boys	6	FARA-II	18-05-2012	Completed	231	Attached
4	GPS	Takatak	Boys	6	FARA-II	19-05-2012	Completed	263	Not attached
5	GGPS	Kotkay Lal Qilla	Girls	4	FARA-II	18-10-2012	Completed	255	Not attached
6	GMS	Kumbar Lal Qilla	Boys	6	PIL# 09	09-04-2012	Completed	234	Attached
DISTRICT BUNER									
7	GPS	Tor Warsak No.1	Boys	6	FARA-II	01-04-2012	Completed	541	Attached
8	GPS	Jowar No.1 Daggar	Boys	6	FARA-II	01-04-2012	Completed	406	Attached
9	GPS	Gul Bandai	Boys	4	FARA-II	01-08-2012	Completed	254	Attached
10	GPS	Baikhanai	Boys		FARA-II	Not occupied	Completed	70	Not attached
DISTRICT SWAT									
11	GGMS	Baboo	Girls	11	FARA-I	20-09-2012	Completed	76	Attached
12	GPS	Charbagh	Boys	12	FARA-II	05-06-2012	Completed	805	Attached
13	GMS	Nawagai	Boys	10	FARA-II	01-05-2012	Completed	215	Not attached
14	GPS	Kota	Boys	10	FARA-II	01-08-2012	Completed	414	Not attached
15	GGPS	Araq	Girls	4	FARA-II	20-06-2012	Completed	47	Not attached
16	GGPS	Bar Qala Bishbanr	Girls	4	FARA-II	Not occupied	Completed	31	Not attached
17	GGCMS	Kharrarrai Chum Matta	Girls	6	FARA-II	13-08-2012	Completed	297	Attached
18	GGPS	Main Mira Arkot	Girls	6	FARA-II	02-08-2012	Completed	220	Not attached
19	GGPS	Ningolai	Girls	6	FARA-II	01-08-2012	Completed	720	Attached
20	GGMS	Ningolai	Girls	10	FARA-II	01-08-2012	Completed	141	Attached
21	GPS	Ahingaro Dherai	Boys	6	FARA-II	07-03-2013	Completed	400	Not attached
22	GGPS	Kharrirai	Girls	6	FARA-II	28-03-2013	Completed	489	Not attached
23	GMS	Charbagh	Boys	6	PIL# 09	Not occupied	Completed	260	Attached
24	GMS	Alamganj	Boys	6	PIL# 09	12-11-2012	Completed	138	Not attached
25	GPS	Shin	Boys	6	PIL# 09	10-10-2012	Completed	560	Not attached
26	GMS	Aligrama	Boys	6	PIL# 09	01-03-2013	Completed	192	Not attached
27	GGPS	Niligram Ronyal	Girls	8	PIL# 09	19-06-2012	Completed	107	Not attached
28	GGMS	Sersenai	Girls	10	PIL# 09	24-08-2012	Completed	286	Not attached
29	GGMS	Gulibagh	Girls	10	PIL# 09	15-11-2012	Completed	136	Not attached
30	GMS	Shakardara	Boys	10	PIL# 09	08-11-2012	Completed	88	Attached

TABLE 2: DETAILS OF 13 SCHOOLS PLANNED FOR COMPLETION IN DECEMBER 2012

S. #	Category	Name of School	Gender Classification	No of Classroom	FARA / PIL	Actual occupation date	Physical Progress Achieved (%)	Enrollment of students	Branding Plaque
DISTRICT BUNER									
1	GPS	Topai	Boys	6	FARA-II	Not occupied	Completed	284	Not attached
DISTRICT DIR (LOWER)									
2	GPS	Dara Sher Khanai	Boys	6	FARA-II	March, 2013	Completed	134	Not attached
3	GPS	Atoo	Boys	6	FARA-II	April, 2013	Completed	239	Not attached
DISTRICT SWAT									
4	GPS	Gut	Boys	6	FARA-II	Not occupied	Completed	236	Not attached
5	GGPS	Ghuzpatay Biha	Girls	6	PIL# 09	Not occupied	90.09	130	
6	GPS	Koza Bandai No 2	Boys	10	FARA-II	01-03-2-13	Completed	413	Not attached
7	GGPS	No 1 Charbagh	Girls	10	FARA-II	Not occupied	Completed	795	Not attached
8	GGPS	Jehan Abad	Girls	4	FARA-II	Not occupied	Completed	123	Attached
9-10	GPS-GMS	Kuz Shawar	Boys	11	PIL# 17	21-06-2013	Completed	391	Not attached
11	GGMS	Bara Bandai	Girls	6	PIL# 09	Not occupied	Completed	221	Not attached
12	GGPS	Zangay Charbagh	Girls	6	FARA-II	04-04-2013	Completed	97	Not attached
13	GPS	Hazara	Boys	11	FARA-II	08-04-2013	Completed	500	Not attached



TABLE 3: DETAILS OF 39 SCHOOLS PLANNED FOR COMPLETION IN JUNE 2013

S. #	Category	Name of School	Gender Classification	No of Classroom	FARA / PIL	Actual occupation date	Physical Progress Achieved (%)	Enrollment of students	Branding Plaque
DISTRICT DIR (LOWER)									
1	GGPS	Takatak	Girls	4	FARA-II		85.26	164	
2	GPS	Kotkay Lal Qilla	Boys	6	FARA-II		93.41	230	
3	GPS	Machine Koorona	Boys	4	FARA-II		85.41	229	
4	GPS	Ashrogai	Boys	6	FARA-II		77.43	226	
DISTRICT BUNER									
5	GGPS	Baikhanai	Girls	6	FARA-II		96.00	153	
6	GPS	Mairagai	Boys	6	FARA-II		91.36	190	
7	GGPS	Awanai Chagurzai	Girls	6	FARA-II	Not occupied	Completed	172	Not attached
8	GPS	Kot Soray	Boys	6	FARA-II		92.00	201	
9	GGMS	Topai	Girls	10	FARA-II	Not occupied	Completed	95	Not attached
10	GPS	Maradu	Boys	6	FARA-II		94.01	179	
DISTRICT SWAT									
11	GGMS	Telegram	Girls	10	FARA-I		84.88	75	
12	GGMS	Shakar Dara	Girls	10	FARA-I		72.63	92	
13	GGPS	Speny Oba Kishawara	Girls	6	FARA-II		37.37	125	
14	GGPS	Qala	Girls	6	FARA-II		75.95	60	
15	GGPS	Asharay Malam Jaba	Girls	6	FARA-II		20.40	152	
16	GGPS	Toor Toot Kishawra	Girls	6	FARA-II		67.55	98	
17	GGPS	Qasim Nasapa Darmai	Girls	6	FARA-II		86.92	92	
18	GGPS	Lalkoo Sakhra	Girls	6	FARA-II		25.07	80	
19	GGPS	Qayum abad Lalkoo	Girls	6	FARA-II		30.19	120	
20	GGPS	Telegram	Girls	6	FARA-II		83.10	161	
21	GGPS	Shinkad	Girls	6	FARA-II		58.49	212	
22	GGPS	Shingrai	Girls	4	FARA-II		96.17	300	
23	GPS	Sher Palam	Boys	10	FARA-II	18-06-2013	Completed	595	Not attached
24	GPS	Bar Shawar	Boys	6	FARA-II		82.22	434	
25	GGPS	Kwar Oba Barthana	Girls	6	FARA-II		72.14	150	
26	GPS	Shakardara Pir Kalay	Boys	4	FARA-II		85.87	370	
27	GPS	Bara Bandai No 2	Boys	6	FARA-II		93.34	260	
28	GGPS	Ditpanai	Girls	6	FARA-II		76.61	213	
29	GGPS	Mangar Kot	Girls	6	FARA-II		87.51	191	
30	GGPS	Yakhtangai	Girls	4	FARA-II		89.30	31	
31	GGPS	Paindai Sakhra	Girls	6	FARA-II		72.24	310	
32	GGPS	Chuprial	Girls	6	FARA-II		38.72	317	
33	GPS	Chum Bara Durashkhela	Boys	6	FARA-II		79.71	386	
34	GGPS	Barkalay Bishbanr	Girls	4	FARA-II		75.50	101	
35	GGPS	Danai Shalpin	Girls	6	FARA-II		88.85	116	
36	GGPS	Sumbat Mandoor	Girls	6	FARA-II		95.54	291	
37	GGPS	Ghari Chuprial	Girls	4	FARA-II		42.32	300	
38	GGPS	Kishwara	Girls	4	FARA-II		76.62	163	
39	GGPS	Bishbanr	Girls	6	FARA-II		66.15	116	

TABLE 4: DETAILS OF 26 SCHOOLS PLANNED FOR COMPLETION IN DEC 2013

S. #	Category	Name of School	Gender Classification	No of Classroom	FARA / PIL	Actual occupation date	Physical Progress Achieved (%)	Enrollment of students
DISTRICT DIR (LOWER)								
1	GGHS	Haya Serai Balambat	Girls	10	PIL# 09		74.98	666
2	GGMS	Khal Colony Khal	Girls	6	PIL# 09		85.05	188
3	GHS	Shekolai Tormang	Boys	12	PIL# 09		39.10	266
4	GHSS	Zaimdara	Boys	14	PIL# 09		22.52	674
5	GHS	Sangolai	Boys	8	PIL# 09		27.48	623
DISTRICT DIR (UPPER)								
6	GPS	Chiragali	Boys	6	PIL# 09		2.56	320
7	GGHS	Ganori	Girls	12	PIL# 09		16.73	300
8	GPS	Gatoo	Boys	6	PIL# 09		0.00	350
DISTRICT BUNER								
9	GMS	Gul Bandai	Boys	4	PIL# 09		28.00	123
10	GHS	Gul Bandai	Boys	6	PIL# 09		23.00	155
DISTRICT SWAT								
11	GGPS	Seer Telegram	Girls	4	PIL# 09		56.09	143
12	GGPS	Awesha Chuprail	Girls	6	PIL# 09		72.23	207
13	GGMS	Bar Shawar	Girls	14	PIL# 09		39.12	60
14	GGPS	Balalur Chuprail	Girls	4	PIL# 09		31.46	238
15	GGHSS	Manglawar	Girls	12	PIL# 09		Dropped	200
16	GGHS	Tirat Qandil	Girls	8	PIL# 09		34.71	235
17	GGPS	Malam, Kishawara	Girls	4	PIL# 09		75.91	150
18	GGMS	Kishawara	Girls	9	PIL# 09		60.11	23
19	GGCMS	Qala	Girls	4	PIL# 09		88.54	101
20	GGMS	Araq	Girls	4	PIL# 09		72.04	27
21	GGMS	Shinkad	Girls	4	PIL# 09		82.65	44
22-23	GPS-GMS	Peochar	Boys	11	PIL# 17		51.18	375
24	GGPS	Mangra Sakhra	Girls	6	PIL# 17		24.11	235
25	GHS	Bar Shawar	Boys	8	PIL# 17		15.00	166
26	GGMS	Manyar	Girls	4	PIL# 17		86.00	161

TABLE 5: DETAILS OF 06 SCHOOLS PLANNED FOR COMPLETION IN 2013

S. #	Category	Name of School	Gender Classification	No of Classroom	FARA / PIL	Actual occupation date	Physical Progress Achieved (%)	Enrollment of students
DISTRICT DIR (LOWER)								
1	GPS	Dapoor	Boys				12.01	210
2	GPS	Mirgam Bala	Boys				11.69	248
DISTRICT SWAT								
3	GGPS	Kass Khass	Girls				12.00	150
4	GMS	Barkalay Saidu Sharif	Boys				67.56	536
5	GGPS	Saeed Abad	Girls				28.68	101

TABLE 6: DETAILS OF FULLY DAMAGED BASIC HEALTH UNITS (BHUs)

S. #	Name of Scheme	PIL	Physical Progress Achieved (%)
DISTRICT SWAT			
1	BHU Chongai Shamoza	PIL # 11	17.71
2	BHU Mian Kalay	PIL # 11	34.02
3	BHU Nazarabad	PIL # 11	43.00
4	BHU Kishwara	PIL # 11	46.00
DISTRICT BUNER			
5	BHU Topai	PIL # 11	6.00

**TABLE 7
DETAILS OF DRINKING WATER SUPPLY SCHEMES IN DISTRICT BUNER (PIL-19)**

S. #	Name of Scheme	Physical Progress Achieved (%)
1	DWSS Qibla Maira	00.00
2	DWSS Dagai	10.80
3	DWSS Maskipur	19.50
4	Installation of Hand pumps at Chungi Kohi Dara	50.80
5	DWSS Sunigram	08.20
6	DWSS Surkamar Maira	04.27
7	DWSS Shalbandai	18.00
8	DWSS Dewana Baba	17.80
9	DWSS Banda (Krapa)	00.50
10	DWSS Bagra Maira	00.82
11	DWSS Bara Jangdara	01.82
12	DWSS Jowar Bazargai	00.50
13	DWSS Aso Dara	05.34

RESTORATION OF MUNDA HEAD WORKS (PIL # 18)

Summarize progress till the reporting month is as follows:

- Concrete piers 7 / 7 completed.
- Dismantling of existing pier completed.
- Left abutment rehabilitation completed.
- Cofferdams U/s & D/s completed.
- Buried inlet of Doaba canal activated.
- Steel gate: 5/8 completed.
- Bridge: girders placing 7/8 spans completed.
- Deck slab: 7/8 spans completed.
- Residential: finishing is in progress for block A&B while block C roof slab formwork preparation for concrete pouring is in progress.
- Structure for pumping station completed.

KOT BARANG ROAD AND SILAY PATAI BRIDGE (391-013-PIL # 05)

Structure work	=	100%	completed
Road work	=	0%	
Earth work	=	100%	completed
Left Abutment	=	1 / 2	completed

RECONSTRUCTION OF KHWAZA KHELA BRIDGE SWAT (PIL # 22)

Piles	-	117/120	Completed
Pile Caps	-	13/18	Completed
Pier Shaft	-	24/32	Completed
Transom & Shear key	-	12/16	Completed
Abutments	-	1 / 2	Completed
PSC Girders	-	40/68	Completed
Launching of Girder	-	34/68	Launched and placed in position
Deck Slab	-	1/17	Completed

Arrange for pre-casting the remaining 28 girders should be expedited for earlier completion of the bridge.

RECONSTRUCTION OF MINGORA BRIDGE SWAT (PIL is to be constituted)

Piles completed = 11/16

STATUS OF ACCRUED EXPENDITURE FOR USAID FUNDED SUB-PROJECTS

The following table illustrates the status of accrued expenditure till the reporting period. It may be noted the accruals are in the range of US\$ 3.00 Million to US\$ 4.00 Million.

Sr. #	Project	Accrued Expenditure (US\$ M)	Remarks
1.	Schools	12.258/25.00**	33-payment requests of PaRRSA certified
2.	Health / BHUs (fully damaged)	0.41/1.18*	2-payment requests of PaRRSA certified
3.	Munda Head Works	7.986/8.77**	3-payment requests of PaRRSA certified.
4.	Kot Barang & Selai Patay Bridge	1.015/1.70**	3-payment requests of FATA Sect certified
5.	WatSan Buner	0.145/1.5**	3-payment requests of PaRRSA certified.
6.	Khawaza Khela Bridge Swat	1.819/3.671	3-payment request of PaRRSA certified.

*Sub-obligated funds from obligation of US\$ 12.00 M for health.

** Total obligation

COMMENTS / ACTIONS

Planned targets:

- Completion of 13 schools by December 2012;
 - Completion of 39 schools by June 2013; and
 - Completion of 25 schools by December 2013.
- **Completion of 13 schools by December 2012 (See Table 2)**
 As reported earlier 12 schools have been completed, 5 schools have been handed over to the education dept. and are functional. Punch lists for the other 5 schools are complete and are ready for handing over to the education dept. Completion of punch list for the remaining 2 schools is in progress.

Work continued on the 13th school: GGPS Ghuz Patey Biha which may take more than a month for completion.

- **39 schools of FARA I & II planned for completion by June 2013 (See Table 3)**
 A meeting was held at AGES office Peshawar to review the progress of schools planned for completion by the end of June 2013. The PD PU/ C&W informed that 18 schools would be completed in this period. He further stated that extra effort will be made to complete another 5 schools, where completion status was more than 80%.

Only 3 schools (2 in Buner and 1 in Swat) could be completed 100% by the end of June, 2013, while main buildings (Academic Blocks) of another 9 Schools (4 in Buner and 5 in Swat) have been completed. The remaining works in these schools: completion of LBs and developmental works which are in the final stages.

Summary of the progress on the remaining 27 schools is as under:

%age	Academic Block	Admin Block	LB	Dev. Works
90% - 100%	11	7	2	1
80% - 90%	5	4	6	4
70% - 80%	5	1	3	9
60% - 70%	1	-	8	1
< 60%	5	2	17	21

The above table indicates that the completion of these schools may slip beyond Sep 2013, due to the upcoming Ramazan & Eid Holidays, therefore, the PD PU/C&W should take stock of the situation; and exert all its pressure on the contractors to deploy all their resources for early completion of these schools.

The problems of external water supply and external electrification in some of the completed schools has not been resolved as yet. The issues have come into the notice of Commissioner Malakand Division who has directed the Deputy Commissioners of Dir, Buner & Swat to hold



meetings with all the concerned departments and resolve all these issues on a priority basis. These meetings are expected to be held shortly.

The issues of installation of voltage stabilizers & attaching of branding plaques at the completed schools need to be expedited. Only 14 plaques have been attached in 45 completed schools.

- **25 schools of PIL # 09 & PIL # 17 planned for completion by December 2013**

The progress achieved in these schools is summarized as follows:

%age	No of Schools
80% - 90%	4
70% - 80%	4
60% - 70%	1
50% - 60%	3
40% - 50%	-
30% - 40%	4
20% - 30%	5
> 20%	4

The progress of these schools is on the critical path as most of these are located in the snow bound area. The PD PU/C&W needs to take desperate measures to achieve maximum progress before winter season set-in, otherwise the completion dates of some of these schools may slip to June 2014.

- In many completed/functional schools it has been observed that routine cleaning and maintenance are ignored by school administrations which gives a very dirty look to these schools. Ponding of water on the roofs was observed due to clogging of rainwater down pipes with leaves and plastic trash, as nobody is responsible for the operation and maintenance (O&M) of these completed schools. Also, washrooms in some of these schools are locked and not being used by students for obvious reasons. As of now about 45 schools have been 100% completed, while quite a number of other schools are in substantial completion stage and are functional. If there is no O&M of these schools, they may be making headlines for the wrong reasons.
- A defects liability period is a set period of time after a construction project has been completed during which a contractor returns to the site to remedy defects. A typical defects liability period lasts for 12 months. In our case it is just 3 months, which is a very short period, during which most of the contractors do not return to complete items of work in snag /punch list. In some cases only very minor defects are rectified by the contractors while the major defects remain unattended. The PD PU/C&W is reluctant to backcharge the contractors who do not fulfill their contractual obligation, which consequently leads to a bad name for the project due to these unattended defects, which expose all the stakeholders to justifiable criticism..
- Observations of the Monitoring Team PaRRSA have not yet been addressed in some of the schools. The PD PU/C&W was requested time and again to direct the contractors or execute



the defective work through subs as envisaged under the relevant clauses of the contract by making backcharge the contractors.

- The FATA authorities have decided to go ahead with the construction activities on Kot Barang Road and Selai Patey Bridge. Work on the bridge construction has resumed but with a very slow pace due to some issues of payment between the contractor and the C&W department. USAID COR has timely informed all the concerned in the FATA Secretariate for their intervention in looking into these matters and resolving them accordingly.
- The pace of implementation on the fully damaged BHUs is very slow. The PD PU/C&W must initiate legal action against these contractors to expedite the progress. Likewise, on the schools targeted for completion by June 2013 and December 2013 where progress is not satisfactory. Keeping in view the present pace of implementation, the upcoming month of Ramadan, monsoon season and the cold weather, there is every likelihood that these objectives may not be met. The PU/C&W must do its best and exert all kinds of pressure on the contractors for expediting the pace of implementation.
- The pace of implementation of WatSan schemes in Buner is not going according to plan. It is further added PHED has not yet applied to WAPDA for external electrification of the proposed tube wells. Consequently, it is highly likely that most of the schemes may be completed with no external electrification
- The supervisory consultants on Mingora & Khwaza Khela Bridges sometimes do not adhere to the specification requirements in approval of materials which is creating undue delays of construction activities and for which AGES is being blamed. Though this is in the notice of PaRRSA/PKHA, and they should take a strong action on this matter. Test results of the bearing pads provided under the girders by the contractor are deficient in some of the tests as per ASTM spec; requirement. The supervisory consultants have given go ahead signal to the contractor to work. AGES insists that clarification about the remaining tests must be made, or the designer must evaluate these test results and give his acceptance report for them to be used on the bridge.
- Skill mismatch and/or lack of less knowledge is one of the main challenges faced by this project, when it comes to monitoring of this project by the M&E staff of other stakeholders. M&E persons with no hands on matching skills and/or incompetent are commenting on technical matters after field visits, clueless about the conditions of contract, unaware of punch-list and its significance which is mandatory to be prepared at the end of a sub-project in which tasks are listed to be completed and/or rectified by the contractor and unaware of the date of occupancy of the building. No security to the contractors is released even after the completion of defects and liability period until all the items of work in snag list/punch list are completed. But these M&E teams do not interact with the PD PU/C&W or others in the field to apprise them of the situation and/or understand the issues, but they simply report what they observe for point scoring. Nobody would contest constructive criticism and always appreciate it, if it comes from relevant people. It is strongly suggested that some sort of funding mechanism has to be in place to rectify defects and carry out maintenance as and when necessary, after the defects liability period is over.
- In some of the functional schools electricity power supply has been disconnected by WAPDA due to outstanding electricity bills. The contractors during construction of these schools had used the power supply without paying their electricity bills to WAPDA for obvious reasons. It is



suggested that at the time of handing taking over of the completed schools by the education department the principal/headmasters of the concerned schools should also be involved in the process to avoid such issues in future. Now the PD PU/C&W should direct the defaulting contractors to clear the WAPDA liabilities for reconnection of power supply to the affected schools or he should clear these liabilities from the secured amount of the contractors with the department.

- GMS Charbagh has been handed over to education department but the Madrasa Authorities have locked the school, claiming that the school was constructed on their land. This issue needs to be resolved the soonest as the students are facing difficulties.
- The boundary demarcation problem of some of the completed and ongoing schools/BHUs must be addressed by the respective administrative departments.
- In GGHSS Manglawar & GGPS Kass Khas where sliding had taken place were jointly visited and inspected by PD PU/C&W and AGES staff. It was recommended to drop the GGHSS Manglawar because it was very prone to further sliding and to prevent that it would require a very expensive structure. It was also decided that work on GGPS Kass Khas to be continued by providing a heavy retaining structure because of heavy enrollment of the students and non-availability of suitable alternate location in the vicinity of the school. In view of the above, now prompt decisions have to be made regarding abandoning GGHS Manglawar or otherwise; and construction of retaining walls for GGPS Kas Khas should be expedited.
- Constitution of PILs for 15 new schools and/or revision of FARA II, for the WatSan schemes in Swat, Judicial Complex Kabal and reconstruction of Mingora Bridge needs to be expedited, as construction work has already started on some of the sub-projects identified in these PILs..
- Partially damaged BHUs were further reassessed and to avoid further delay it has been agreed that the SOW shall be kept the same as was agreed under the PIL in place. Work on some of the BHUs has started.
- Construction schedules must be signed from the contractors. This issue is certainly long overdue.
- The issue of extension in time or otherwise for the completed as well as the ongoing schools should be resolved at the earliest to facilitate smooth payments.
- From time to time comments are being made about the quality of paint finish of the completed school buildings. The answer is very simple: the inevitable has to happen. Most of the completed schools got completed in the winter seasons, and for achieving the planned targets of completed schools paint were applied on wet surfaces. Subsequently, AGES opined and brought it in writing that this would have quality implications later on, but nobody was ready to listen. So in order to minimize the effect of paint on wet surfaces two coats of paints were applied instead of three coats. It was thought that the last/final coat if applied later may cover up some of the shortcomings, but that did not happen. It is suggested schools which complete one year of their occupancy period may be repainted.



1. PROJECT

1.1. BACKGROUND

The people of Khyber Pakhtunkhwa (KP), especially of Swat, Dir and Buner districts of Malakand Division, suffered heavy losses in the war against terrorism and militancy.

During more than one year of violence in the valley of Swat, Dir and Buner districts, the suspected militants mainly used the destruction of schools as an effective tool to bring the government to its knees, while reversing the process of education in the restive mountainous districts. According to an official data, the insurgents destroyed 177 (primary, middle and high) schools, when the tension gripped the districts. The violence came to a halt following the Pakistan Army offensive against the Taliban in 2009.

An Assistance Agreement (No 391-011) was signed on September 2009, between the GOP and the USG for Post Conflict Reconstruction and Recovery Program in the Malakand Division. This was followed by an Implementation Letter- (IL) No MLK-01, signed in December 2009 for initial obligation of funds of US\$ 36 million for the rehabilitation and reconstruction of damaged facilities of Education, Health and WatSan in the four (04) districts of the Malakand Division. This Implementation Letter (IL) also explained the mechanism of coordination and implementation arrangements.

1.2. LOCATION

Malakand Division was an administrative division of the KP Province of Pakistan, till 2000, which included the districts of Chitral, Dir, Swat and Malakand. This was followed by a formation of a Division of Malakand, which now comprised Dir (Lower) and Dir (Upper), Swat, Chitral, Buner, Shangla and Malakand districts. Location map of the project area is given in **Figure 1.1** on the next page. Presently, the focus of the post conflict reconstruction and recovery program is in districts: Dir (Lower), Dir (Upper), Swat and Buner.

1.3. IMPLEMENTATION ARRANGEMENTS

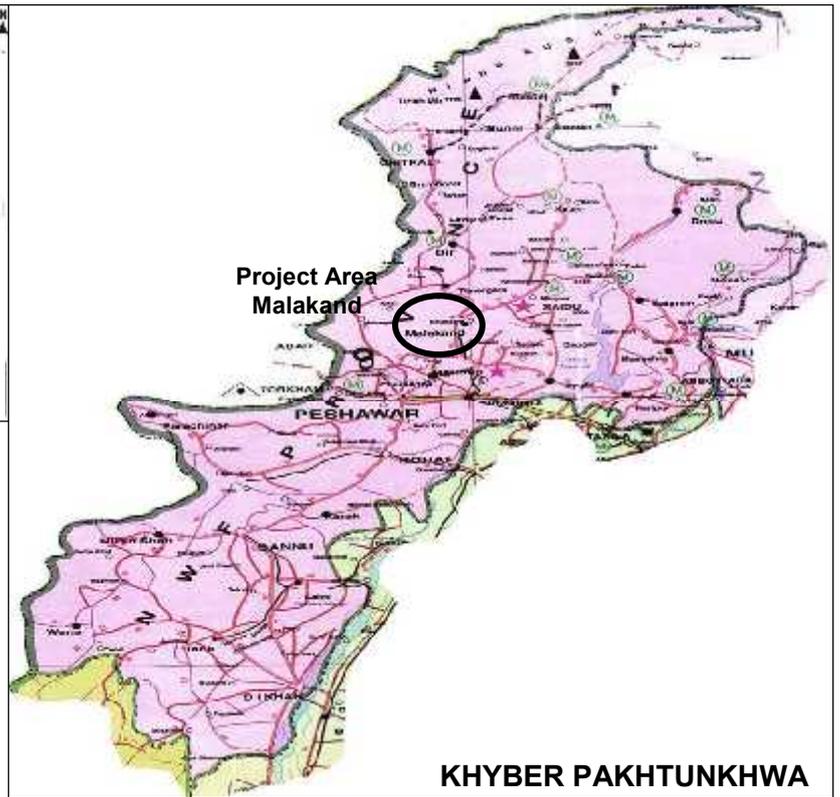
The Economic Affairs Division (EAD) designated the Director General (DG) of Provincial Reconstruction, Rehabilitation and Settlement Authority (PaRRSA) as an Additional Representative of the Government of Pakistan (GOP) for the purposes of the implementation of Program Areas (as defined in the Assistance Agreement) relevant to the function of PaRRSA in its letter of December 19, 2009. The GoKP has established a Project Steering Committee (PSC) to provide oversight and guidance and approvals required for smooth and timely implementation of the project activities. The PSC is chaired by the DG PaRRSA, and comprised representatives of USAID/Pakistan and relevant Provincial Departments involved in the Planning and execution of the project activities. PaRRSA, therefore, has the authority to carry out the works to be financed under this Attached Amount Reimbursement (FAR) Agreement contracts. Accordingly, PaRRSA is fully responsible for carrying out these works or for contracting for the performance of these works, for supervising the contractor(s), and for ensuring that the contractor(s) diligently undertake the work and provide the necessary equipment, skilled and unskilled labor, and



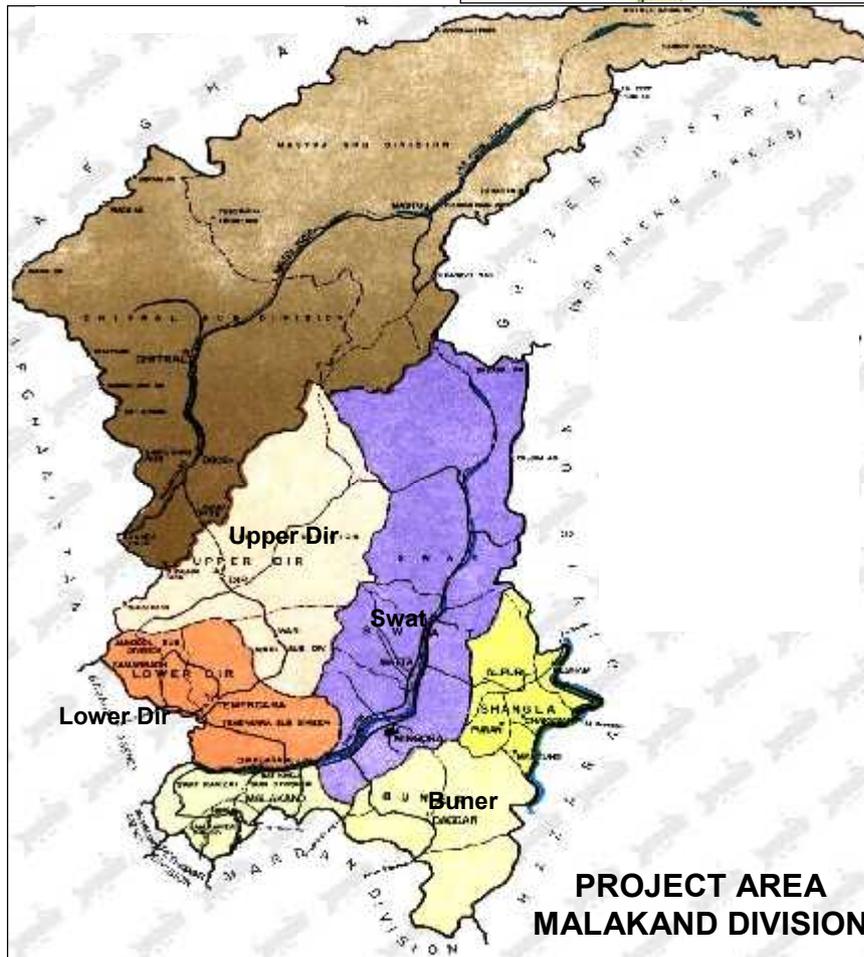
FIGURE 1.1: PROJECT LOCATION MAP



PAKISTAN MAP



KHYBER PAKHTUNKHWA



**PROJECT AREA
MALAKAND DIVISION**



efficient supply of materials to ensure uniform and continuous progress once construction is started. The executing agency for Education and Health Activities is the Communication & Works (C&W) Department; and for WatSan it is Tehsil Municipal Administration (TMA) Mingora in the rural areas and Public Health Engineering Department (PHED) Buner in the urban areas of the respective districts. Originally two (2) engineering firms were hired by USAID: CRISP was a supervisory consultant and was an extension of the C&W dept, while AGES is a Monitoring & Evaluation (M&E) firm for the assistance and advice of USAID is on board since July 2010. Later, the services of CRISP were suspended by USAID from January 01, 2012; as such AGES were assigned also the responsibility of in depth monitoring. In July 2012, a separate C&W Project Unit was established exclusively for these USAID funded sub projects headed by a Project Director station in Swat. AGES certifies payment on behalf of USAID if the work is completed satisfactorily, if otherwise, it immediately notifies USAID. AGES is also carrying out M&E services for the GOP and other donors funded sub projects as per their TOR of the Consultancy Agreement, which are being executed by the C&W department of building and roads, irrigation department and local government in the three districts of Malakand.

1.4. LEVEL OF FUNDING

USAID and the Government of KP anticipate utilizing originally US\$ 36M out of the funds obligated under the Assistance Agreement as USAID's initial contribution to the implementation of the Activities mentioned above. Now an additional fund of US\$ 31.48M has been sub-obligated for flood damaged infrastructures (Munda Headworks, Khawzakhela and Mingora bridges), construction of Tehsil Level Government Complex and capacity building etc.



2. DESCRIPTION AND ACTIVITIES OF USAID FUNDED INTERVENTIONS FOR MILITANCY AFFECTED INFRASTRUCTURE

2.1. REHABILITATION/RECONSTRUCTION OF SCHOOLS

USAID/Pakistan is providing funding for the rehabilitation and reconstruction of damaged school facilities with a funding level of US\$ 25.0M. Funds for activities under this component were committed, and construction specifications and standards to be followed were documented, in separate IL No MLK-FARA-01 (5 Schools), IL No MLK-FARA-02 (74 Schools), PIL No. 9 (36 Schools) and PIL No. 17 (7 Schools).

2.1.1. Swat District

- Total number of schools tendered = 79 (FARA-I =3, FARA-II =44, PIL # 09 = 20, PIL # 17 = 7). 4 schools would be carried over to a new PIL to be constituted shortly, while 1 school has been dropped.

Work orders issued = 77 schools (FARA-I =3, FARA-II =44, PIL # 09 =20, PIL # 17 =7). Work continues on 47 schools: (FARA-I =2, FARA-II =27, PIL # 09 = 10, PIL # 17 = 5 and carried over to Next PIL = 3), whereas 30 schools: (FARA-I = 1, FARA-II = 17, PIL # 09 = 10, PIL # 17 = 2) have been completed.

- GGPS Ashar Banr has been dropped from FARA-II due to non-availability of water and inaccessibility to the site. SRSP has already constructed a prefabricated building for this school, which can cater for the present enrollment of the students.
- Two new schools namely GGPS Manglawar and GGPS Spena Khpa have been tendered.

2.1.2. Dir Lower District

- Total number of schools tendered = 20 (FARA-I = 1, FARA-II = 10, PIL # 09 = 6). 2 schools have been carried over to next PIL, while 01 (GPS Lamotai) school has been dropped.
- Work orders issued for 19 schools (FARA-I = 1, FARA-II = 10, PIL # 09 = 6), new PIL # = 02).
- Work continues on 10 schools (FARA-II = 4, PIL # 09 = 5, Next PIL = 1), 8 schools (FARA-I = 1, FARA-II = 6, PIL # 09 =1) have been completed and 7 schools are functional.
- 5 new schools namely GPS Maidan Banda, GPS Meramai, GGPS Raidgai, GGPS Gumbatai, GMS& GHS Maidan Bandai of the new PIL has been put to tender.

2.1.3. Dir Upper District

- Total number of schools = 5 (PIL # 09 =5)
- Work continues on 02 schools: GGPS Chiragalai and GGHS Ganorai. 02 schools: GPS Kunal and GPS Nirgah have been dropped, while tendering of the 5th school GPS Gato could not be finalized. Since the accesses to the school is difficult and also



transportation of construction materials to the site is going to cost more, therefore contractors are reluctant to bid on this school.

2.1.4. Buner District

- Total number of schools = 13 (FARA-II = 11, PIL # 09 = 2)
- Work orders issued for 13 schools. 1 school: GMS Gul Bandai has been rescinded and put to retendering for the 2nd time on the risk and cost of the contractor. Work order yet to be issued.
- Work continues on 5 schools, 7 schools of FARA-II have been completed while 03 schools are nearing completion.
- One new school namely GGPS Inzar Maira has been put to tender.

2.2. RECOVERY OF HEALTH FACILITIES

USAID/Pakistan has earmarked funds to finance rehabilitation and renovation of damaged health facilities and staff residences. US\$ 12.0M is obligated for this component. Funds amounting to US\$ 1.18M are sub obligated for 5 health facilities (4x Swat and 01xBuner) under PIL#11. Documentation for 13 partially damaged BHUs has been submitted to USAID for constituting a PIL.

2.2.1. Fully Damaged Basic Health Units (BHUs) (PIL # 22)

Total number BHUs = 05 (04 in Swat and 01 in Buner)

Work continued on 05 BHUs but the progress is still pathetically very slow. Time line for these BHUs is nearing to expire. At the review meeting of all the stakeholders in AGES office Peshawar, the PD PU-C&W was directed to give a realistic program regarding completion dates to enable PaRRSA to apply for an extension. Action of the PD PU-C&W is awaited. The contractor of BHU Topi Buner has withdrawn his application to rescind his contract and has resumed work with no appreciable change in the pace of work.

2.2.2. Partially Damaged BHUs (6 in Swat & 7 in Dir Lower) (PIL # 21)

After reassessment of these BHUs it was decided to keep the original scope of work. A work order has been issued to the successful bidders. Work on CD Parrai Swat has been initiated while working on the remaining BHUs in Swat is going to commence shortly. Tendering of BHUs in Dir (L) has still to be finalized by the PU/ C&W.

2.3. WATSAN ACTIVITIES

USAID/Pakistan is providing funding to finance water and sanitation activities, including, but not limited to: reconstruction of damaged water and sanitation systems, including in schools, health facilities and construction of water filtration plants. Total funding of US\$ 3.0M has been committed for this component in Swat and Buner equally



2.3.1. Buner District (PIL # 19)

13 Drinking Water Supply Schemes were approved with an estimated cost of US\$ 1.09 M in Buner have been committed under PIL # 19. 6 capped tube wells out of 8 have been tested & developed, while 4 new tube wells out of 6 proposed have been installed. Work on 5 pump houses is in progress. 13 bore holes for hand pumps out of 20 have also been completed.

The overall progress of these sub projects is very slow. XEN PHED Buner in a review meeting had requested that payment procedures should be relaxed as per the departmental practice in vogue. PaRRSA has promised for bridge financing. XEN in the said meeting was complaining of shortage of technical staff and mobility which in turn is affecting the progress and quality assurance.

2.3.2. Swat District (PIL is to be constituted)

This package includes 10 DWSS, 120 Hand-pumps, procurement of voltage regulators and up gradation of 14 transformers. All relevant documentation has been submitted to USAID for constitution of a PIL.

2.4. TEHSIL COMPLEX KABAL (New activity - PIL is to be constituted)

This is altogether a new activity. The scope of work has been revised/curtailed according to the available funds and have been submitted the concerned authorities.

3. DESCRIPTION & ACTIVITIES OF USAID FUNDED INTERVENTIONS FOR FLOOD DAMAGED INFRASTRUCTURES IN KP / FATA

3.1. RESTORATION OF MUNDA HEAD WORKS (PIL # 18)

USAID/Pakistan has provided funds for the restoration of Munda Headworks – Lower Swat Canal System under activity agreement 391-014 for the KP Reconstruction Program with a funding level of US\$ 8.776 M.

3.2. KOT BARANG ROAD AND SILAY PATAI BRIDGE (391-013-PIL # 05)

USAID/Pakistan provided funds for the rehabilitation and reconstruction of flood affected Kot Barang Road and Silay Patai Bridge, Bajaur Agency with a funding level of US\$ 1.709 M under activity agreement 391-013 for the FATA Reconstruction Program.

3.3. RECONSTRUCTION OF KHWAZA KHELA BRIDGE SWAT (PIL # 22)

USAID/Pakistan has provided funds for the rehabilitation and reconstruction of 2010 flood damaged Khwaza Khela Bridge, Swat under activity agreement 391-014-PIL # 22 for KP Reconstruction Program with a funding level of US\$ 3.67M.

Recent floods in river Swat had washed away right side approach of the temporary steel Bridge and the Bridge remained closed to traffic for a couple of days. This had affected the progress because the contractor remained busy in the restoration of traffic. Overall progress by the end of June 2013 was 64.40%.

3.4. RECONSTRUCTION OF MINGORA BRIDGE SWAT (PIL is to be constituted)

USAID/Pakistan is going to provide funds for the rehabilitation and reconstruction of 2010 flood damaged Mingora Bridge, Swat. A PIL is being constituted for this activity.



4. DESCRIPTION & ACTIVITIES OF GOP & OTHER DONORS FUNDED SUB-PROJECTS

M&E services for the following sub-projects were / are being carried out:

4.1. NON-GOVERNMENT ORGANIZATIONS (NGOs)

Sr. #	Name of Scheme	Funding Agency	Status
1	GGPS Kanju Swat	UN Habitat	Completed
2	GGPS Tootkai Swat	Qatar Charity	Completed
3	GGMS Kuz Shawar	IDEA	Super structure columns in block A & B and BB work in Block B continued.
4	GGPS Bahadar Banda Swat	Qatar Charity	Completed but rectification of work pointed out AGES has still not been done. PaRRSA should direct the NGO for the needful.
5	GGPS Toha Swat	Qatar Charity	Completed
6	GHS Matta Swat	NRC	Completed, No activity during the month on certain problems like cracks in walls & seepage have started which needs to be rectified. Exhaust pipes in LB have not been installed due which foul smell has started in the LB and the surrounding area.
7	Fizaghat Park Swat	UNDP	Completed

4.2. SANGOTA PUBLIC SCHOOL SWAT

This Missionary school was destroyed during militancy and is being funded by GoKP.

This sub-project is awarded in 6 packages to different contractors. Work continues on all the 6 packages. Progress on all the sections is summarized as below:

Package 1	=	Academic Block	=	98 % (Functional) snag list rectification month has been started
Package 2	=	Admin Block & Exam Hall	=	55 %
Package 3	=	Canteen Block, Church, Laboratory & Boundary Wall	=	86 %
		Internal Pavements	=	Not yet started
Package 4	=	Repair of Steps, Surface Drainage		
		Man Holes, WatSan	=	23 %
Package 5	=	Library Block	=	62 %
Package 6	=	Students Hostel	=	43 %

The progress of all packages is not satisfactory except package 1 & 3. No improvement in the situation despite the Department had held meeting with the contractors to expedite progress.



4.3. EXCELSIOR COLLEGE SWAT

This sub project too, has been awarded in 6 different packages. Work on 5 packages is in progress. In general, overall progress on all the packages is summarized as below:

Package 1 = Primary Section	= Not yet started (due to Stay Order)
Package 2 = Academic Block	= 33 %
Package 3 = Auditorium & Admin Block	= 71 %
Package 4 = Boys Hostel	= 26 % (No activity during the month)
Package 5 = Teachers' Hostel, Cafeteria & Lavatory Block	= 48 %
Package 6 = Repair of Teachers' Quarters, Lavatory Block Masjid, Principal Residence & OHWT	= 60 % (No activity during the month)

Progress of the entire package is behind schedule. The Deptt; has been requested to take notice of the situation and force the contractors for completion of these schemes in time but so far no action on the part of Deptt; could be seen.

4.4. ROADS IN MALAKAND

This includes up gradation of 21.7 Km in Swat, 4.4 Km in Buner, 12.3 Km in Dir Lower and 5 Km in Dir Upper. Most of these roads are in the completion stages. All substandard works executed at some of these sites were formally reported to the concerned quarters for corrective measures but nothing has been done in this regards.

4.5. IRRIGATION SCHEMES IN SWAT

Work continues on 06 schemes, while works on 13 schemes have been completed.



5. CONSULTANTS' ACTIVITIES DURING THE REPORTING PERIOD

- Ensured that construction works were carried out in accordance with the agreed upon design and specifications as spelled out in the respective Fixed Amount Reimbursement Agreements (FARA) and Project Implementation Letters (PILs). Also, implemented proper quality control procedures and other protocols at sites to ensure quality (See Annexure I).
- Construction problems/issues and their resolutions related to schools, bridges, roads, WatSan schemes and BHUs at sites were directly reported by the DTL and/or the concerned C/E to the PD, PU/ C&W, PHED, TMA, PKHA, C&W Dept and PaRRSA for quick corrective actions. The USAID relevant reports were submitted to the concerned USAID COR through the Team Leader. Besides, DTL directly reported to the concerned department/PaRRSA regarding GoKP and other donors funded sub projects.
- Site visit reports prepared by the field staff and construction activities were reported with progress photos.
- Monitoring of other donors funded sub-projects activities were carried out.
- Running payments of 12 contracts were prepared for Sangota schools and Excellor college (GoKP funded), and also some design changes were made.
- Provided field data to MSI at the request of COR.
- Prepared revised cost estimates for the revision of PC-1 for Kot barang road and Sela Pattti bridge.
- Revised Technical Sanctions (TS) and revised PC-1s for the completed and ongoing schools were finalized and handed over to PD PU (C&W) for finalizing the final bills and /or running bills.
- AGES staff exclusively assigned for Kot-Barang Road and Shelley Patty bridge sub project carried out their monitoring duties on a daily basis. Regular site visits to this sub project were made by the senior staff members of AGES,
- Visits were paid to Munda Headworks for monitoring purposes of construction activities.
- Monitoring of construction activities on Khwaza Khela Bridge and Mingora Bridge continued.
- Construction schedules for all schools and WatSan were prepared in MS Project, which are being updated regularly.
- A draft for a database program for a quick generation of information had been prepared in ACCESS for all sectors of the Project, which was shared with all the stakeholders. It is now being finalized.
- All cost estimates, payment milestones and drawings of the Tehsil complex, Kabal Swat vetted by Structural Engineer and site staff of AGES submitted to USAID.

5.1. CONSULTANT'S ORGANIZATION CHARTS

The organization charts for project office Peshawar and site/field offices are given in **Figure 2.1 and Figure 2.2** respectively.

FIGURE 2.1: ORGANIZATION CHART

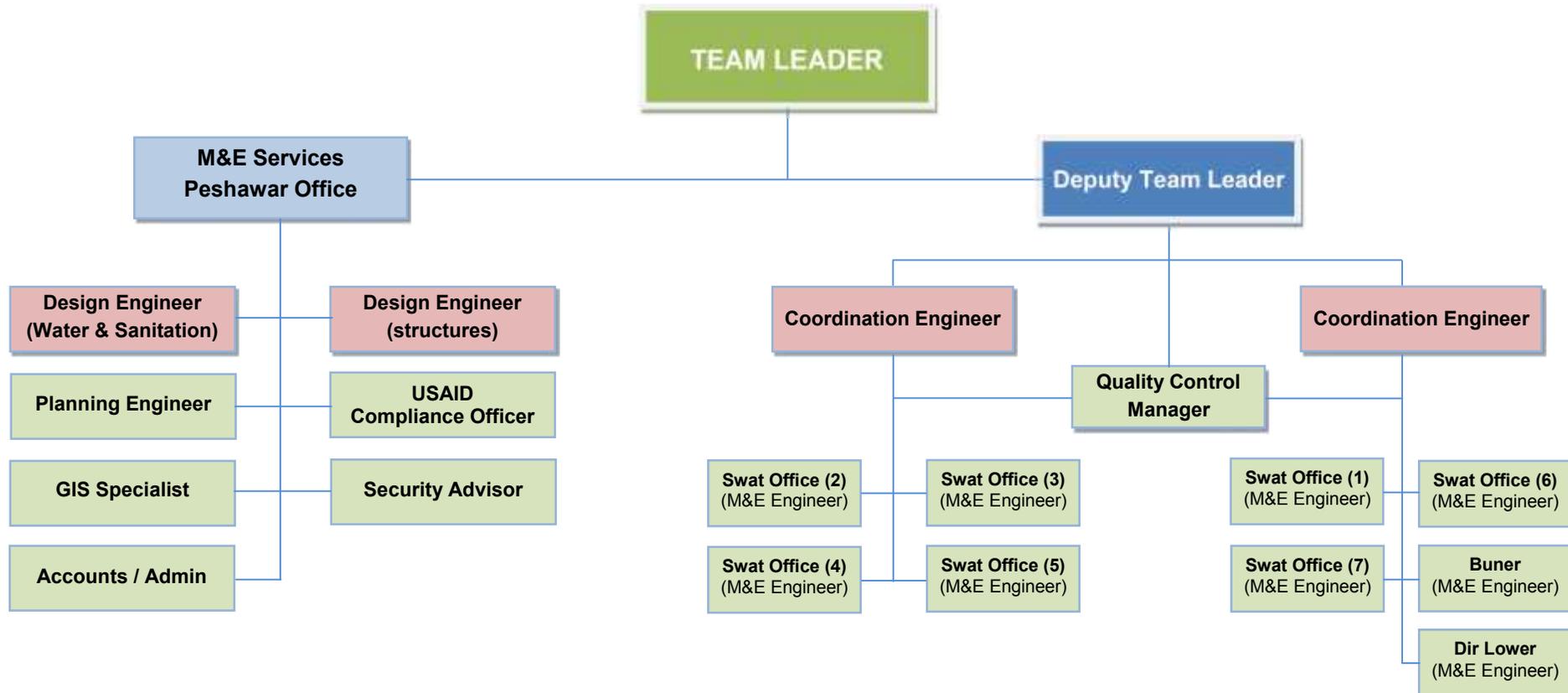
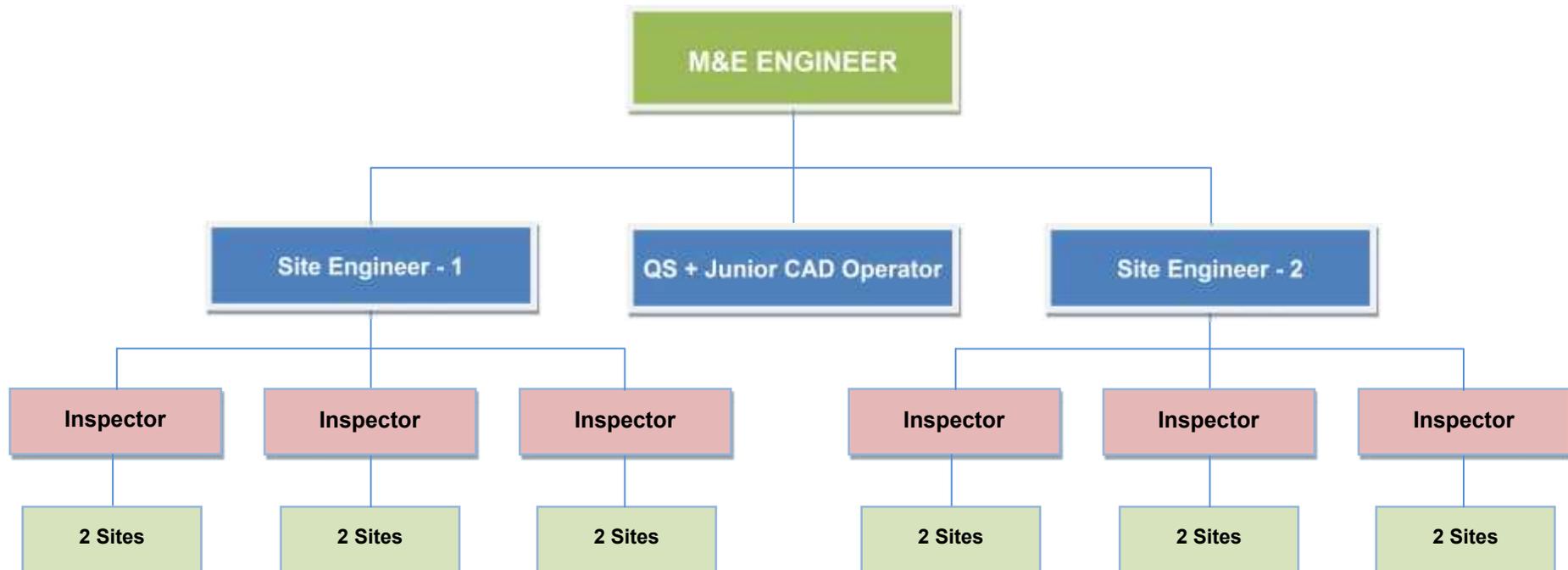


FIGURE 2.2: TYPICAL M&E SET-UP





6. MEETINGS

1. Regular meetings were held on a weekly basis with PD & PaRRSA staff to discuss the issues related to progress, technical and other site related issues. These meetings were attended by DTL, CE Swat, Dir/Buner and the concerned M&E Engineers.
2. Meeting held on June 5th, 2013 at XEN PHED Buner, office to resolve the issue on progress, Advance payment for purchase of pipes. The meeting was attended by XEN, SDO's & PaRRSA Coordinator, Implementation and Design Engineer AGES & M&E Engineer Buner.
3. Meeting held at the office of TL AGES Peshawar on June 7th, 2013 which was attended by USAID Senior Program Manager, Program Manager, COR, Engineer, Chief Infra PaRRSA, Project Director PU/C&W and his senior staff, AGES Partners, DTL & Structural & WATSAN Engineer to assess whether the project could be able to achieve targets for schools by June 2013 and the issues pertaining to BHUs and WATSAN Schemes.
4. Meeting held in MD PKHA office Peshawar on June 7th, 2013 to discuss various issues concerning Khwaza Khela and Mingora Bridges, the meeting was attended by USAID Engineer, Chief Infra PaRRSA, TL, DTL, Structural Engineer & M&E Engineer AGES. The supervisory consultants CA was directed to finalize the design of Mingora bridge and revised PC-1 of Khwaza Khela bridge at the earliest possible to start construction activities on Mingora Bridge.
5. Meeting held in PMU FATA Sect. with PD, PMU, Infra specialist, COR USAID, SDO C&W, TL AGES and M&E AGES to discuss issues related with Kot Barang Rd and Selai Patti bridge.
6. Meeting held at PD PU/C&W office on June 13, 2013 which was attended by Chief Infra PaRRSA, TL, DTL and CE's AGES with the PD PU C&W and his senior staff to discuss the overall progress and other site related issues.
7. Meeting held at DTL Office Swat on June 20th, 2013 to discuss the issues raised by M&E PaRRSA and discusses the progress and other site related issues. The meeting was attended by USAID Engineer, Partner AGES & DTL AGES Office.
8. Meeting held at AGES H.O Peshawar on June 22nd, 2013 to discuss AGES Construction Policies, Protocol and Quality issues and to discuss AGES Management Policy on the recent media reports regarding the Construction/Quality of the work. The meeting was attended by AGES Partners, TL, DTL, CE Swat & Dir/Buner and all M&E Engineers of Swat, Dir & Buner Districts.



7. SITE VISITS

- Joint visit by PD PU-C&W , DTL, CE, M&E Engineer AGES made to schools under M&E III, M&E IV & M&E V on June 4,2013.
- Design and Implementation Engineer WatSan of AGES visited Buner on June 5,2013.
- Structural Engineer AGES visited Swat on June 10 to 11,2013 and had a joint visit with PD PU-C&W and AGES senior staff to reassess the scope of work of Partially Damaged BHUs.
- Joint visit by PD PU-C&W and DTL AGES to Dir (L) on June 6 to the June 2013 targeted schools.
- TL AGES visited Swat on June 13, 2013 for various site visits and a meeting with PD PU/C&W on issues related to the Project.
- USAID Engineer joint visit with DTL and CE AGES to different schools in Dir (L), Buner and Swat from June 17 -18, 2013. The TL also joined them on June 18 in Buner.
- Joint visit of USAID Engineer, AGES partner and other senior staff in Swat on June 19-20, 2013 to the ongoing and completed schools.
- Governor GoKP paid visit on June 20, 2013 to the under construction Sangota Public School, accompanied by the Commissioner Malakand Division and Senior Administration officers of District Swat.
- Environmental Engineer AGES paid a visit to Swat on June 24-26, 2013 to cover the environmental aspects of the schools under construction in Swat.
- Joint visit of USAID Program Manager on June 26-27, 2013 with DTL AGES to completed / functional schools in Swat.
- Routine visits of AGES senior staff to various ongoing schools during the month.
- A team of AGES visited Munda Head works on June 26, 2013 for random monitoring of the construction activities.

ANNEXURES

ANNEXURE-I

MONTHLY SUMMARY OF LABORATORY TEST RESULTS

Project: N&EKPRP		Location: Swat		Date: From 24/5/2013 To: 25/06/13		Swat														
						School	RHIFs	Roads	Khwazakhela Bridge	Mingora Ridge	Other US Funded Projects	Barang Road & Bridge	Tests Passed	Tests Failed	Percent %	Failed %	Total No. of Sets / Test			
Fresh Concrete	Cylinder Cast ASTM C-31-91	31	3	0	1	9	0	0	0	0	0	0	0	44						
	Cylinder Capped ASTM C-617	86	6	0	12	10	0	2	0	0	0	0	116							
	Cylinder Tested ASTM C-39-93a	86	6	0	12	10	0	2	117	1	99	1	116							
	Slump Test ASTM C-143	66	9	0	3	30	0	0	0	0	0	0	100							
Hardened Concrete	Cores Extracted ASTM D-42	0	0	0	0	0	0	0	0	0	0	0	0							
	Cores Capped ASTM C-67	0	0	0	0	0	0	0	0	0	0	0	0							
	Cores Tested ASTM C-39-93a	9	0	0	0	0	0	0	6	3	67	33	9							
Concrete Aggregates	Gradation ASTM C-136	Coarse Agg.	34	0	0	2	0	0	0	21	15	50	42	36						
		Fine Agg.	47	3	0	2	0	0	0	26	28	50	58	52						
	Specific Gravity & Absorption % age.	Coarse Agg. ASTM C-127	0	0	0	0	0	0	0	0	0	0	0	0						
		Fine Agg. ASTM C-128	0	0	0	0	0	0	0	0	0	0	0	0						
	Loss Angles Abrasion Test	ASTM C-131	6	0	0	0	0	0	0	5	1	83	17	6						
Soundness	ASTM C-88	0	0	0	0	0	0	0	0	0	0	0	0							
Soil	Gradation	ASTM C-136	0	0	0	0	0	0	0	0	0	0	0							
	Plastic Limit	ASTM D-4318	0	0	0	0	0	0	0	0	0	0	0							
	Liquid Limit	-do-	0	0	0	0	0	0	0	0	0	0	0							
	Plasticity Index	-do-	0	0	0	0	0	0	0	0	0	0	0							
	Field Density Tests	ASTM D-1555	0	0	0	0	0	0	0	0	0	0	0							
	Modified Proctor Tests	ASTM D-1557	0	0	0	0	0	0	0	0	0	0	0							
Steel	Test	ASTM A-615	0	0	0	0	0	0	0	0	0	0	0							
	Certificates	ASTM A-615	0	0	0	0	0	0	0	0	0	0	0							
Bricks	Compressive Strength	ASTM C-67-94	17	0	0	0	0	0	10	1	94	6	17							
	Absorption % age	ASTM C-67-94	17	0	0	0	0	0	17	0	100	0	17							
Grand Total														525						
Remarks	Cylinders Sets	No. of Cyl./set	Total																	
															Sets	No. of Bricks / set	Total			
	1	Cylinder Cast	44															6	264	Bricks strength
	2	Cylinder Capped	118												3	354	Bricks absorption	17	4	
3	Cylinder Tested	118	3	354	Total Bricks			151												
	Total Cylinders			477																
Grand Total No. of tests performed in Swat, Dir, Runer & Other Sub projects				Swat	Dir Lower	Euner	Total No. of Tests													
				525	231	87	843													
Remarks:	Note: The concrete results were for the concrete strength results failed in 28 days at CNS Barkalay. The Core tests result satisfies Clause 5.6.5.4 of AQI Building code 313.																			

Quality Control Manager
AGES

Name of Test		Dir Lower									
		School	BHU's	Roads	Other US Funded Projects	Tests Passed	Tests Failed	Passed %	Failed %	Total No. of Sets / Test	
Fresh Concrete	Cylinder Cast ASTM C-31-91	22	0	0	0	0	0	0	0	22	
	Cylinder Capped ASTM C-617	37	0	0	0	0	0	0	0	37	
	Cylinder Tested ASTM C-39-53a	37	0	0	0	37	0	100	0	37	
	Slump Test ASTM C-143	72	0	0	0	0	0	0	0	72	
Hardened Concrete	Cores Extracted ASTM D - 42	0	0	0	0	0	0	0	0	0	
	Cores Capped ASTM C-617	0	0	0	0	0	0	0	0	0	
	Cores Tested ASTM C-39 - 53a	0	0	0	0	0	0	0	0	0	
Concrete Aggregates	Gradation ASTM C-136	Coarse Agg.	15	0	0	0	14	1	93	7	15
		Fine Agg.	20	0	0	0	12	8	60	40	20
	Specific Gravity & Absorption % age.	Coarse Agg. ASTM C-127	0	0	0	0	0	0	0	0	0
		Fine Agg. ASTM C-128	0	0	0	0	0	0	0	0	0
	Los Angeles Abrasion Test	ASTM C-131	0	0	0	0	0	0	0	0	0
Soundness	ASTM C-88	0	0	0	0	0	0	0	0	0	
Soil	Gradation	ASTM C-136	0	0	0	0	0	0	0	0	
	Plastic Limit	ASTM D-4218	0	0	0	0	0	0	0	0	
	Liquid Limit	-50-	0	0	0	0	0	0	0	0	
	Plasticity Index	-50-	0	0	0	0	0	0	0	0	
	Field Density Tests	ASTM D-1556	18	0	0	0	18	0	100	0	18
	Modified Proctor Tests	ASTM D-1557	0	0	0	0	0	0	0	0	0
Steel	Test	ASTM A-615	1	0	0	0	0	0	0	1	
	Certificates	ASTM A-615	1	0	0	0	0	0	0	1	
Bricks	Compressive Strength	ASTM C-67-94	4	0	0	0	4	0	100	0	4
	Absorption % age	ASTM C-67-94	4	0	0	0	3	1	75	25	4
Grand Total										231	
Remarks		Cylinders Sets	No. of Cyl./set	Total				Sets	No. of Bricks / set	Total	
	1	Cylinder Cast	22	6	132			bricks. strength	4	5	20
	2	Cylinder Capped	37	3	111			Bricks Absorption	4	4	16
	3	Cylinder Tested	37	3	111			Total Bricks			36
	Total Cylinders			354							
Remarks:	Note:										


 Quality Control Manager
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Name of Test		Buner									
		School	BHJ's	Roads	Other US Funded Projects	Tests Passed	Tests Failed	Passed %	Failed %	Total No. of Sets / Test	
Fresh Concrete	Cylinder Cast ASTM C-31-91	5	0	0	2	0	0	0	0	7	
	Cylinder Capped ASTM C-617	5	0	0	4	0	0	0	0	10	
	Cylinder Tested ASTM C-39-93a	5	0	0	4	10	0	100	0	10	
	Slump Test ASTM C-143	15	0	0	5	0	0	0	0	21	
Hardened Concrete	Cores Extracted ASTM D - 42	0	0	0	0	0	0	0	0	0	
	Cores Capped ASTM C-617	0	0	0	0	0	0	0	0	0	
	Cores Tested ASTM C-39 - 93a	0	0	0	0	0	0	0	0	0	
Concrete Aggregates	Gradation ASTM C-136	Coarse Agg.	11	0	0	4	10	5	97	33	15
		Fine Agg.	5	0	0	3	3	5	37	63	8
	Specific Gravity & Absorption % age.	Coarse Agg. ASTM C-127	0	0	0	0	0	0	0	0	0
		Fine Agg. ASTM C-128	0	0	0	0	0	0	0	0	0
	Loss Angles Abrasion test	ASTM C-131	0	0	0	0	0	0	0	0	0
Soundness	ASTM C-88	0	0	0	0	0	0	0	0	0	
Soil	Gradation	ASTM C-136	0	0	0	0	0	0	0	0	
	Plastic Limit	ASTM D-4318	0	0	0	0	0	0	0	0	
	Liquid Limit	-do-	0	0	0	0	0	0	0	0	
	Plasticity Index	-do-	0	0	0	0	0	0	0	0	
	Field Density Tests	ASTM D-1556	0	0	0	0	0	0	0	0	
	Modified Proctor Tests	ASTM D-1557	0	0	0	0	0	0	0	0	
	Test	ASTM A-615	0	0	0	0	0	0	0	0	
Steel	Certificates	ASTM A-615	0	0	0	0	0	0	0	0	
	Compressive Strength	ASTM C-67-94	4	0	0	4	7	1	38	12	8
Bricks	Absorption % age	ASTM C-67-94	4	0	0	4	8	0	100	0	8
	Grand Total										87
Remarks		Cylinders Sets	No. of Cyl./set	Total				Sets	No. of Bricks /	Total	
	1	Cylinder Cast	7	5	42			8	5	40	
	2	Cylinder Capped	10	3	30			8	4	32	
	3	Cylinder Tested	10	3	30						
		Total Cylinders			102						72
Remarks:	Note: The test results of WATSAN Schemes										


 Quality Control Manager
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ANNEXURE-II

PROGRESS PHOTOS

SCHOOLS

SWAT



GGMS Manyar (86 %) Finishing and developmental works in progress



GGPS Kass Khass (12%) Work stopped due to land slide



GGPS Shingrai: (96%) Finishing and developmental work in Progress



GMS Barkalay (67 %) Plaster work in Progress.



GPS Shakardara Pir Kalay (86%) Finishing and developmental work in Progress



GPS Bara Bandai No. 2 (93 %) Finishing work in Progress



GGMS Shakardara (73 %) Steel doors & electrical works in progress



GPS Bar Shawar (82 %) Finishing works in progress



GGPS Ghuz patay Biha (90 %) Finishing & developmental works in progress



GGPS Chuprial (38 %)



GGMS Bar Shawar (39 %) Steel truss work in progress



GGPS Balasur chuprial (31%) Work stopped since Jan 2013



GMS-GPS Peochar (51 %) Truss installation/Fixing of U-Shape in progress



GGPS Saedabad (29 %) First floor steel fixing in progress



GHS Bar Shawar (15 %) RCC Frame work in progress



GGHS Tirat Qandil (35 %) Brick masonry & plaster work in progress



GGPS Danai Shalpin (89 %) Finishing and developmental work in progress



GGPS Mangra Sakhra (24 %) Form work fixing in progress



GGPS Painsai Sakhra (72 %) Joinery, electrical, finishing and developmental works in progress.



GGPS Qasim Nasapa Darmai (87 %) finishing and developmental works in progress.



GGPS Awesha Chprial (72 %) Finishing and developmental works in progress.



GGPS Yakhtangai (89 %) Finishing and developmental works in progress.



GGCMS Qala (88 %) Finishing and developmental works in progress.



GGMS Araq (72 %) RCC & Masonry works in progress.



GGPS Bishbanr (66%) Fabrication & erecting is in progress.



GGPS Barkalay Bishbanr (75%) Finishing and developmental works in progress



GGMS Telegram (85 %) Finishing and developmental works in progress



GGPS Qala (76 %) Steel truss and developmental works in progress



GGPS Telegram (83 %) developmental works in progress



GGPS Seer Telegram (56 %) Plaster work of Truss beam and columns in progress

DIR



GGPS Takatak (85 %) Finishing, Joinery, electrical & developmental works in progress



GPS Kotkay (93 %) Finishing & developmental works in progress



GPS Machine Korona (85 %) Plaster, finishing & developmental works in progress



GPS Ashrogai (77 %) finishing & developmental works in progress



GGMS Khal Colony (85 %) Finishing & developmental works in progress



GHS Shekolai Tormang (39 %) Concreting in Truss Beam is in progress.



GHSS Zaimdara (22 %) RCC works in progress



GHS Sangolai (22 %) RCC work in progress



GPS Mirgam Bala (11 %) RCC foundation works in progress



GPS Dapoor (12 %) RCC foundation works in progress



GGHS Ganori (16 %) Steel fixing in ground floor slab

BHUs



BHU Chongai (18 %) Plinth beam steel fixing was in progress



BHU Mian Kalay (34 %) RCC & masonry works in progress



BHU Nazarabad (43 %) RCC & masonry works in progress



BHU Kishwara (46 %) plaster works in progress

WATSAN



DRINKING WATER SUPPLY SCHEMES IN DISTRICT BUNER



DWSS Shal Bandai (18%), Pointing work is in progress.



DWSS Dewana Bana (18%), Excavation for pump room done



DWSS Maskipur (19%) Lowering of pipe / strainer in progress



DWSS Dagai (11%) Lowering of pipe in bore holes in progress



DWSS Sunigram (8%) Dev. & testing of tube well in progress

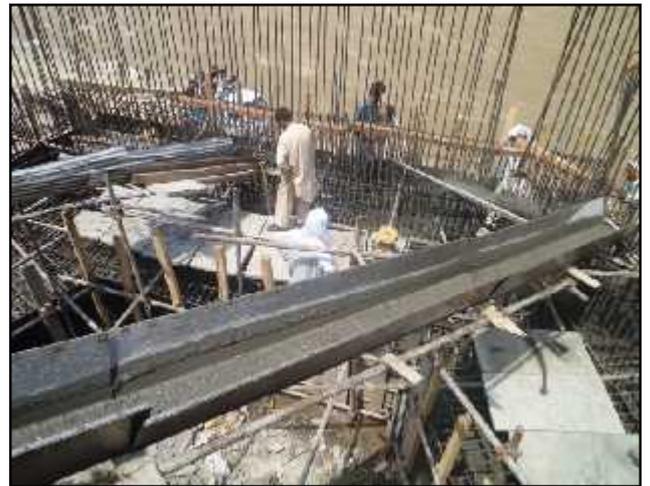


DWSS Aso Dara (5%) Concrete pouring in a slab of the pump house

BRIDGES

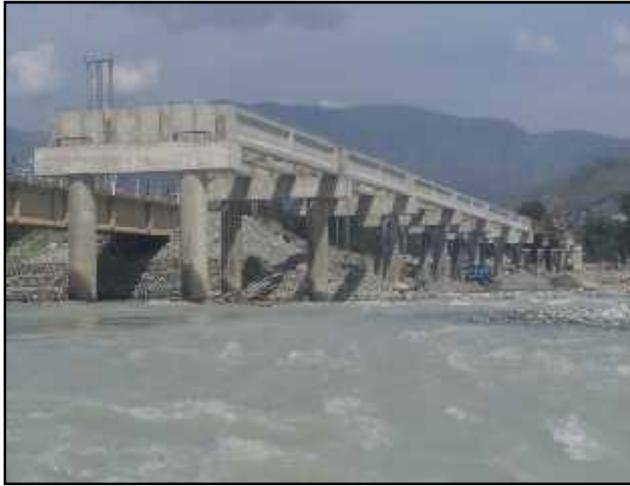


BARANG BRIDGE: Work on Left Abutment in Progress





KHWAZAKHELA BRIDGE: Launching of Girder in Progress





MINGORA BRIDGE: Piles Work in Progress





MAIN VIEW OF MUNDA HEADWORKS

