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CONSTRUCTION MONITORING & EVALUATION PROGRAM

(Reconstruction of Damaged Schools in Khyber Pakhtunkhwa)

QUARTERLY PROGRESS REPORT # 06
JANUARY - MARCH, 2014

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ABBREVIATION

ADP	Annual Development Program
BOQ	Bills of Quantities
CGI	Corrugated Galvanized Iron
C&W	Communication & Works
CO	Contracting Officer
COR	Contracting Officer's Representative
CSR	Composite Schedule Rate
DAE	Diploma of Associate Engineer
EDO	Executive District Officer
EMMP	Environmental Mitigation Measure Protocol
FAR	Fixed Amount Reimbursement
GoP	Government of Pakistan
HCC	Host Country Contracting
ITP	Inspection & Testing Plan
KP	Khyber Pakhtunkhwa
KP-RP	Khyber Pakhtunkhwa Reconstruction Program
LoE	Level of Effort
M&E	Monitoring & Evaluation
PaRRSA	Provincial Reconstruction, Rehabilitation & Settlement Authority
PIL	Project Implementation Letter
PM	Project Manager
PMU	Project Management Unit
QA	Quality Assurance
QAM (Building)	Quality Assurance Manager (Building)
RA	Reimbursement Agreement
RFP	Request for Proposal
SoW	Scope of Work
TSF	Tons per Square Foot
USAID	United States Agency for International Development

EXECUTIVE SUMMARY

The Province of Khyber Pakhtunkhwa suffered heavy infrastructure damages firstly due to terrorism and militancy and thereafter due to the unprecedented floods of July 2010. United States Agency for International Development (USAID) actively supported the rehabilitation and reconstruction activities of damaged schools, health facilities, drinking water supply schemes and other infrastructure components in Malakand Division by initially obligating funds amounting to USD 36 million under an Activity Agreement (No. 391-011) signed in September, 2009 between USAID and PaRRSA on behalf of GoP. Expanding its portfolio, USAID provided funds for rehabilitation / reconstruction of other infrastructure components including irrigation, bridges and roads etc. in the calamity hit areas.

In June 2012, USAID sub-obligated additional funds amounting to USD 25 million for reconstruction of rains / floods damaged and bomb blasted schools in the affected districts of KP under Amended Activity Agreement No. 391-014. M/s AGES Consultants was assigned the task of Monitoring & Evaluation (M&E) services of these reconstruction activities under USAID/Pakistan Construction Monitoring and Evaluation Program (CMEP), for which a formal contract was signed on September 30, 2012.

During the report quarter, physical survey and assessment of 33 schools of District Lakki Marwat was carried out by the M&E Consultants. During the validation process, 15 schools were found suitable/feasible while remaining 18 schools were declared unsuitable for reconstruction due to low enrollment ranging between 30 to 40 students per school.

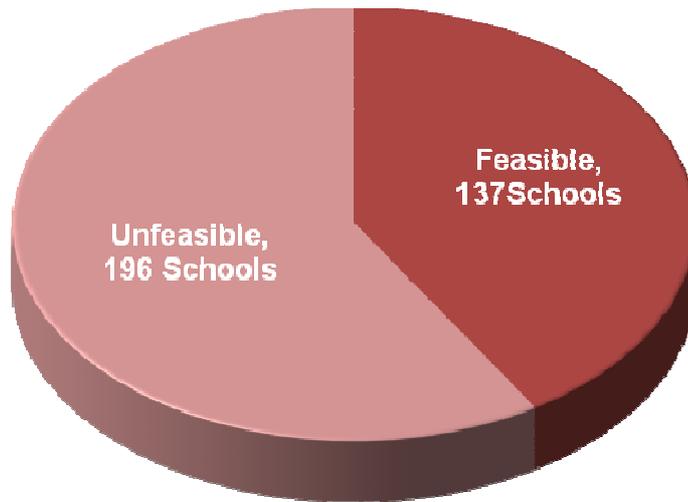
So far, the M&E Consultants have completed validation/assessment of a total of 333 identified schools, wherein 137 schools were found suitable & 196 schools were declared unsuitable for reconstruction for various reasons.

Out of 137 feasible schools, PIL for 24 schools has been already issued, whereas site/layout plans, modular designs, cost estimates and EDF etc. for 63 more schools have been finalized/reviewed for which a PIL is currently under process at USAID. Another 21 schools will be included in the subsequent PIL's after finalization of the design/drawings and cost estimates etc, whereas 29 schools have been kept in 2nd priority by PaRRSA due to low enrollment (schools < 100 students) and schools require additional rooms.

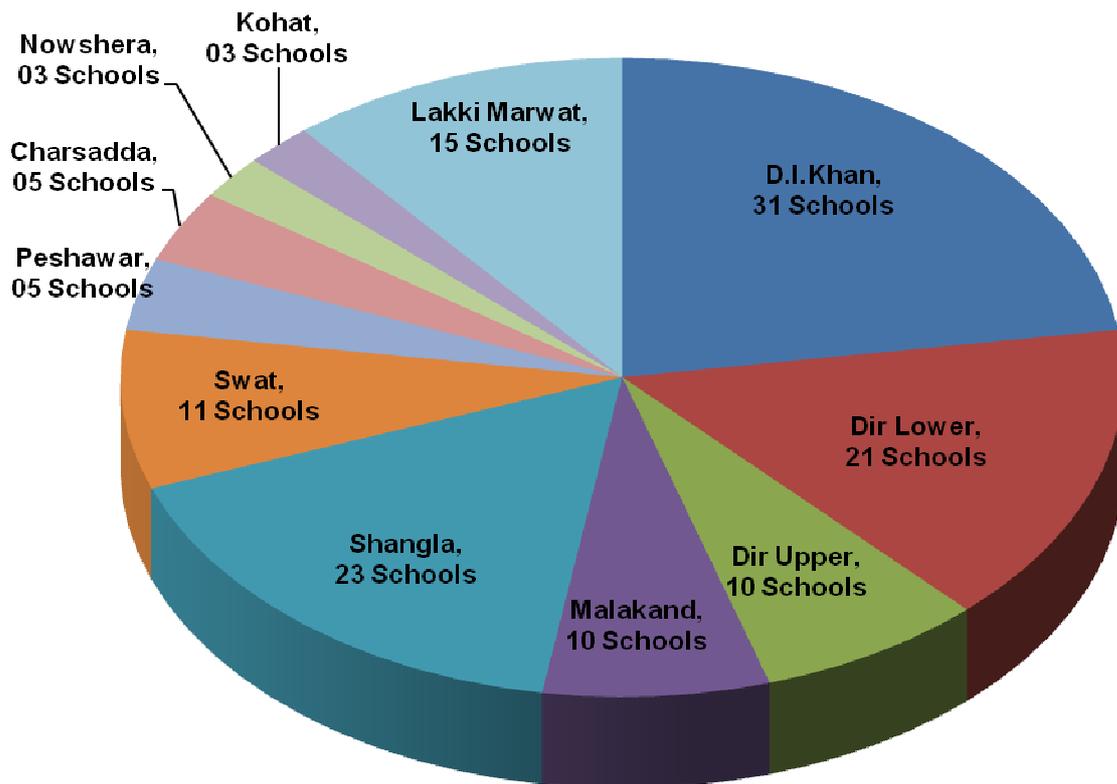
Furthermore, preliminary Architectural, Structural, Electrical, Water Supply & Sanitation drawings of Govt. Higher Secondary School Akbar Pura were developed.

USAID issued a signed Project Implementation Letter (PIL) number 391-014-PIL-28 amounting to Pak Rs. 454.2789 million (USD 4.326466 million) on October 29, 2013 for the 24 schools ending December 31, 2014. Another PIL for 63 schools amounting to Pak Rs. 1416.9018 million is in progress at USAID.

Overall Status of Validation of 333 Schools



Geographic Spread of 137 Feasible Schools



ITEMS REQUIRING ACTIONS

Urgent action/decision of the concerned forums is required on the following points.

1. PIL-28 has been signed on October 29, 2013. Physical construction activities will start upon completion of the requisite prequalification, tendering and contracting formalities by PaRRSA / executing agency. An implementation arrangement in light of the experience gained and lessons learnt from the Malakand model needs to be enacted on priority so as to pursue the project implementation / physical activities without any loss of time.
2. PIL-28 has been signed at a conversion rate (1 USD = Pak Rs.105) which may have financial implication to PaRRSA due to decrease in US Dollar conversion rate.

1. THE PROJECT

1.1. Background

The disaster of 2010 Monsoon Flood in Khyber Pakhtunkhwa (KP) was massive and unprecedented. The flood not only deprived the local communities of their livelihoods but also created an unprotected and challenging environment for the school going children in the flood hit districts of KP.

As per data received from the Education Department of the KP, the numbers of schools either partially or fully damaged ranged in hundreds. The Government of KP was faced with the challenging task of reconstruction and restoration of these lost academic facilities at huge construction costs. Realizing the importance of early resumption of educational activities, the government appealed to national and international donors for funds to rectify and retrieve the situation. In the meantime, the Government of KP, through its concerned line departments, prepared report regarding damaged in the flood affected districts.

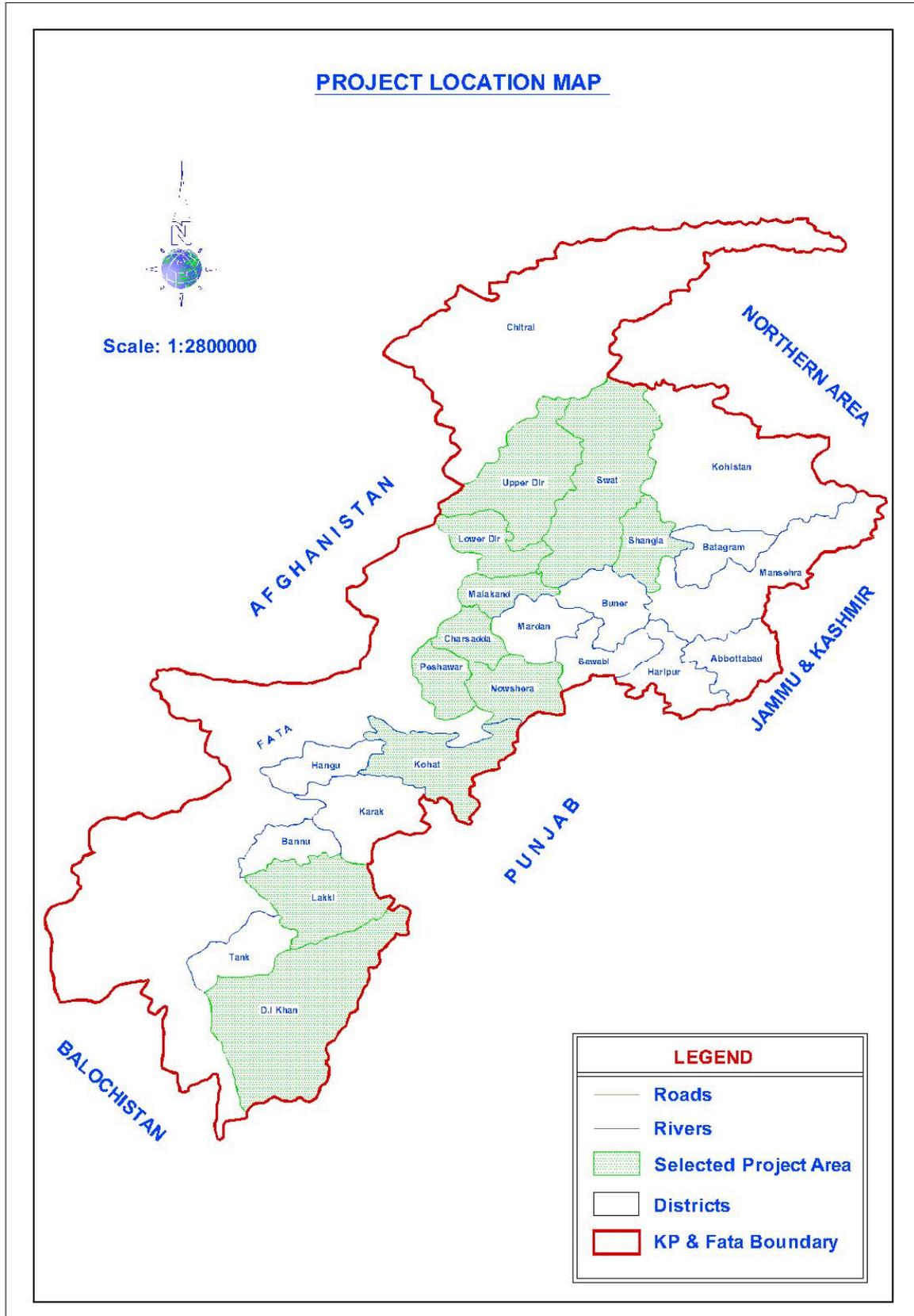
USAID was already working in Malakand Division on the reconstruction and rehabilitation of schools, health facilities and Water & Sanitation (WatSan) infrastructures affected during the militancy period. Contemplating an expansion of its portfolio of projects in KP with regards to flood relief activities, USAID tasked AGES, (the M&E consultants for the USAID funded sub-projects in the Malakand Division) to undertake the additional work of validation for the partially and fully damaged schools in some of the districts affected by floods.

In September 2012, AGES was assigned the task of monitoring & evaluation services including Quality Assurance and Environmental Monitoring for the reconstruction activities of the damaged schools in the affected districts Khyber Pakhtunkhwa comprising Peshawar, Nowshera, Charsadda, Malakand, Swat, Dir Upper/Lower, Shangla, DI Khan and Tank.

The project has been tasked with the objective to monitor & certify that all the proposed projects are built as per approved designs/drawings, technical specifications and to ensure environmental compliance as per USAID's and Government of Pakistan's (GoP) regulations and requirements.

1.2. Location

The revalidation and subsequent reconstruction activities are presently being pursued in the various districts of Khyber Pakhtunkhwa badly affected due to floods of July 2010 and militancy.



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. The GoKP has established a Project Steering Committee (PSC) USAID to provide oversight, guidance and approvals required for smooth and timely implementation of the activities. The PSC is chaired by DG PaRRSA, and comprised representatives of USAID Pakistan and relevant provincial departments involved in the planning and execution of the activities. Therefore, PaRRSA was established with a mandate to “look after the whole reconstruction, rehabilitation and settlement of the affectees of the crises, KP witnessed in the recent past”. The organization meant to provide the requisite speed, ease, facilitation, coordination, supervision and linkages with all stakeholders involved and helping the provincial Govt. in its endeavor to rehabilitate the affected areas in the transparent manner. A strategy is presently being debated on and under formulation by the participation of all stakeholders to decide/identify an appropriate executing agency to undertake implementation of this project, on behalf of the government of KP. M/s AGES Consultants of Peshawar have been appointed by USAID as Monitoring & Evaluation Consultants for this project.

1.4. The M&E Services

The Contract for M&E Services for the “Construction Monitoring & Evaluation Program” was signed on September 30, 2012. The M&E services comprise the following.

- Submission of Quality Assurance Plan (QAP).
- Validation / Revalidation of the July 2010 flood damage assessment done through AGES for fully damaged schools to the current status.
- Pre-Construction report of each school site to establish base line condition.
- Preparation of site plan as well as layout plans on the basis of pre-construction survey data obtained as a result of site visits.
- Review and Vetting of Project Design Drawings / Documents.
- Verifying the quality of construction/installation works and ensures conformity to the contract construction drawings, standards, technical specifications & requirements
- Site Monitoring and Inspection Reports
- Assisting, advising & reporting to USAID/PaRRSA with regard to reconstruction activities.
- Field and Laboratory Testing
- Monthly & Quarterly Progress Reports

2. MAJOR ACTIVITIES UNDERTAKEN DURING THE REPORTING QUARTER (JANUARY - MARCH, 2014)

2.1. Validation of Schools in District Lakki Marwat

- Thirty three (33) schools of District Lakki Marwat were validated during the reporting quarter. Fifteen (15) schools were found suitable while the remaining 18 schools were declared unsuitable for reconstruction due to various reasons.

2.2. Preliminary Drawings of GHSS Akbar Pura

- Preliminary Architectural, Structural, Electrical and Water Supply & Sanitation drawings were prepared in light of decisions taken in a joint site visit on February 11, 2014 and subsequent meetings. The Draft submission of aforesaid drawings was made to PaRRSA on March 12, 2014 for their review and further submission to USAID.

2.3. Site & Layout Plans

- Draft site and layout plans of 15 feasible schools of District Lakki Marwat & 01 school of District Dir Lower were shared with PaRRSA in a meeting held on March 07, 2014. All the site/layout plans were agreed for further preparation of engineer's estimates and drawings.
- Draft site and layout plans of 04 high and higher secondary schools were prepared and shared with USAID on January 10, 2014 for their review and comments.

2.4. Review of Engineer's Estimates of 63 Schools

- Engineer's Estimates of 63 schools were reviewed in the reporting quarter. A summary of payment milestones for 63 schools on a revised format was prepared and submitted to USAID for further furnishing of PIL.

2.5. Submission of Monthly Progress Reports

- Eleventh (11th) Monthly Progress Report for the month of January 2014 was shared with USAID/PaRRSA on February 12, 2014.
- Twelfth (12th) Monthly Progress Report for the month of February 2014 has been shared with USAID/PaRRSA on March 17, 2014.

2.6. Submission of Quarterly Progress Reports

- Fifth Quarterly Progress Report for the quarter October – December 2013 was shared with USAID/PaRRSA on January 21, 2014.

2.7. Submission of Structure Adequacy Certificate

- Structure Adequacy Certificate for all modules used in 63 schools was shared with USAID/PaRRSA on February 05, 2014.

2.8. Second Revision of EDF of PIL-28

- The 2nd revised Environmental Documentation Form (EDF) of 24 schools of PIL-28 were submitted to USAID on January 31, 2014 for their review and further appropriate action.

2.9. Site Visit Report of GHSS Akbar Pura

- A joint visit to GHSS Akbar Pura was conducted by the stakeholders on February 11, 2014 to find way forward. Detailed site visit report was shared with stakeholders on February 21, 2014.

2.10. Basic Schools Information

- Basic schools information required by USAID has been prepared and shared on March 18, 2014.

2.11. Meetings

- A meeting was held on January 07, 2014 in the Project Office of CMEP Peshawar to review the site specific photographs of 32 schools, requiring further clarification. Chief Infrastructure (PaRRSA), with QAM (Building), Mid Level Specialist, Field Manager and Office Engineer CMEP AGES attended the meeting.
- A meeting was held on January 11, 2014 in the Project Office of CMEP Peshawar to review the proposals of GHSS Akbarpura, Site/layout plans & photographs of 13 schools and list of damaged schools of district Lakki Marwat. Chief Infrastructure (PaRRSA), Principal Architect Afkar Associates, while Project Manager, Project Advisor, QAM (Building), Structure Engineer, Mid Level Specialist, Field Manager, Office Engineer and Junior Architect CMEP AGES attended the meeting.
- A meeting was held on January 13, 2014 in the Project Office of CMEP Peshawar to review the proposals of GHSS Akbar Pura, Site photographs of those schools on which further clarification is required and site photographs of high & higher secondary schools. USAID Engineer, Chief Infrastructure (PaRRSA), Team Leader M&E Project Malakand AGES, along with Project Manager, Project Advisor, QAM (Building), Structure Engineer, Mid Level Specialist, Field Manager and Office Engineer CMEP AGES attended the meeting.
- A meeting was held on February 05, 2014 in the Project Office of CMEP Peshawar to

review the different aspects of structural design of GHSS Akbar Pura and to review the site photographs of recently assessed schools in District Lakki Marwat. Chief Infrastructure (PaRRSA), Principal Architect Afkar Associates, Project Manager, Project Advisor, QAM (Building), Structure Engineer, Mid Level Specialist, Field Manager and Office Engineer of CMEP AGES attended the meeting.

- A meeting was held on February 25, 2014 in the Project Office of CMEP Peshawar to review the preliminary Architectural, Water Supply & Sanitation and Electrical Drawings of GHSS Akbar Pura. Chief Infrastructure (PaRRSA), Principal Architect Afkar Associates, Project Manager, QAM (Building), Electrical Engineer, Design Engineer WatSan, Structure Engineer, Site Engineer WatSan, Mid Level Specialist, Field Manager, Office Engineer and Junior Architect of CMEP AGES attended the meeting.
- A meeting was held on March 04, 2014 in CMEP Project Office Peshawar, to review the status of preliminary Architectural, Structural, Water Supply & Sanitation drawings of GHSS Akbar Pura. Principal Architect Afkar Associates, QAM (Building), Design Engineer WatSan, Structure Engineer, Site Engineer WatSan, Field Manager, Office Engineer and Junior Architect of CMEP AGES attended the meeting.
- A meeting was held on March 07, 2014 in CMEP Project Office Peshawar, to review the status of preliminary Architectural, Electrical, Water Supply & Sanitation drawings of GHSS Akbar Pura. Chief Infrastructure PaRRSA, Principal Architect Afkar Associates, Project Manager, QAM (Building), Electrical Engineer, Design Engineer WatSan, Structure Engineer, Mid Level Specialist, Field Manager, Office Engineer (Roads) and Junior Architect of CMEP AGES attended the meeting.
- A meeting was held on March 07, 2014 in CMEP Project Office Peshawar, to review the draft site/layout plans of feasible schools of District Lakki Marwat and Dir Lower. Chief Infrastructure PaRRSA, Project Manager, QAM (Building), Mid Level Specialist and Office Engineer of CMEP AGES attended the meeting.

3. OVERALL PROGRESS TILL END OF LAST QUARTER (DECEMBER 31, 2013)

3.1. Mobilization of Staff & Establishment of Office/Residencies

- Key staff of AGES was mobilized in September 2012 and preliminary meetings were conducted with the stakeholders for evolving strategy for the implementation of the project.
- Need based logistics have been provided
- Project Office at Peshawar has been established
- Residencies (02) for office as well as field staff have been established

3.2. Submission of Final Quality Assurance Plan (QAP)

- QAP was reviewed in light of observations/comments made by USAID & final version shared with the stakeholders on March 13, 2013.

3.3. Validation/Revalidation of Schools (1st list)

- One hundred & fourteen (114) schools were Validated/Revalidated till end of December 2012 and revalidation report submitted to the stakeholders during the month of January, 2013.
- Forty two (42) schools out of 114 schools were found suitable during the revalidation process. District wise position is given here under:

S.No	District	Total No. of Schools (No.)	Feasible Schools (No.)	Unfeasible Schools (No.)	PIL-28 (No.)	2 nd Priority (No.)	Reason for 2 nd priority
1	DI Khan	35	27	08	09	18	Low enrollment
2	Tank	02	-	02	-	-	
3	Peshawar	17	-	17	-	-	
4	Charsadda	06	-	06	-	-	
5	Nowshera	01	-	01	-	-	
6	Swat	28	02	26	02	-	
7	Shangla	12	08	04	08	-	
8	Malakand	04	03	01	03	-	
9	Dir Upper	07	-	07	-	-	
10	Dir Lower	02	02	-	02	-	
TOTAL:		114	42	72	24	18	

3.4. Validation of Alternate Schools (Subsequent lists)

- Two hundred & forty two (242) schools were Validated/Revalidated till end of December 2013.
- Ninety five (95) schools out of 219 schools were found suitable during the validation/revalidation process. District wise position is given here under:

S.No	District	Total No. of Schools (No.)	Feasible Schools (No.)	Unfeasible Schools (No.)	Expected PIL (No.)	Upcoming PIL (No.)	2 nd Priority (No.)	Reason for 2 nd priority
1	D.I Khan	11	04	07	04	-	-	
2	Peshawar	12	05	07	05	-	-	
3	Charsadda	07	05	02	05	-	-	
4	Nowshera	05	03	02	02	01	-	
5	Swat	33	09	24	06	01	02	Additional rooms
6	Shangla	27	15	12	15	-	-	
7	Malakand	11	07	04	03	01	03	Additional rooms
8	Dir Upper	33	10	23	10	-	-	
9	Dir Lower	37	19	18	13	03	03	Additional rooms
10	Kohat	07	03	04	-	-	03	Pending till further schools added to justify M&E setup.
11	Swabi	03	-	03	-	-	-	
12	Lakki Marwat	33	15	18	-	15	-	
TOTAL:		219	95	124	63	21	11	

3.5. Validation Report

- Validation/revalidation report of 114 schools of 1st list was prepared and shared with the stakeholders.
- Validation report of 173 schools (subsequent lists) was prepared and shared with the stakeholders.

3.6. Pre-construction Proforma's

- Pre-construction proforma's of 42 feasible schools (1st list) have been shared with the stakeholders.
- Pre-construction proforma's of 63 feasible schools (subsequent lists) have been shared with the stakeholders

3.7. Site/Layout Plans & Photographs

- Site/layout plans along with site specific photographs of all 42 suitable sites (1st list) were shared with the stakeholder for further processing at their end.
- Site/Layout plans along with site photographs of 63 feasible schools (subsequent lists) were shared with the stakeholders for further processing at their end.

3.8. Revision of Modular Drawings

- All modules were structurally as well as architecturally revised/modified in accordance with the decisions made in the subsequent meetings and lessons learnt from M&E Project Malakand and shared with the stakeholders.
- New modules for M7, M11, M12, M13, LB & LB(H) were also introduced keeping in view the land constraint, site specific condition and requirement of the students etc.
- Double/Triple storey buildings were introduced to provide sufficient accommodation to the students in the limited available area.

3.9. Submission of Modular Drawings

- The modular drawings of 24 schools of PIL-28 were shared with stakeholder for further processing at their end.
- The modular drawings of 63 schools of expected PIL were shared with the stakeholders for further processing at their end.

3.10. Submission of BOQs

- BOQ's of 24 schools of PIL-28 were shared with stakeholder for further processing at their end.
- The modular BOQ's of 63 schools of expected PIL were shared with the stakeholders for further processing at their end.

3.11. Submission of Draft Structure Design Review Report

- Draft Structure Design Review Report was shared with stakeholders on June 19, 2013.

3.12. Submission of EDF of PIL-28

- The Environmental documentation Form's (EDF's) of 24 schools of PIL-28 were submitted to USAID on September 6, 2013 for their review and comments.
- The Environmental documentation Form's (EDF's) of 24 schools of PIL-28 were revised and re-submitted to USAID on December 5, 2013 for their review and comments.

3.13. Submission of Quarterly Progress Reports

- First Quarterly Progress report for the quarter ending December 31, 2012 was shared with USAID/PaRRSA.
- Second Quarterly Progress Report for the quarter ending March 31, 2013 was shared with USAID/PaRRSA on April 04, 2013.
- Third Quarterly Progress Report for the quarter ending June 30, 2013 was shared with USAID/PaRRSA on July 08, 2013.
- Fourth Quarterly Progress Report for the quarter ending September 30, 2013 was shared with USID/PARRSA on October 09, 2013

3.14. Meetings

1. A meeting was held in the office of PaRRSA on 24-09-2012. All the stakeholders i.e USAID, PaRRSA and AGES participated in the proceedings. Main purpose of the meeting was to evolve strategy for the way forward for implementation of the reconstruction of flood damaged schools based on the findings of the validation and damaged assessment report prepared by AGES in Year 2010.
2. A meeting was held in the Main office of AGES on 17-11-2012. Chief Infrastructure PaRRSA, Project Manager CMEP AGES, Quality Assurance Manager CMEP AGES, Partners AGES and Field Engineers AGES attended the Meeting. The purpose of meeting was to review the previous minutes of meeting and share the validation/revalidation reports prepared by AGES and to evolve further strategy for the revalidation of schools in the rest of the Districts.
3. A meeting was held in the Main Office of AGES on 27-12-2012. All the Stakeholders i.e USAID, PaRRSA and AGES participated in the meeting. The main purpose of the meeting was to review the previous minutes of meeting and share the validation/revalidation of all Districts covered under the CMEP KP.
4. Meetings were held on 15-10-2012 & 17-10-2012 in the office of EDO District Shangla. EDO & ADO District Shangla, Field Manager AGES & Field Monitor AGES attended the meeting. The purpose of meeting was to chalk out visit program needed for the revalidation of schools in District Shangla.
5. A meeting was held in the office of DTL M&E Malakand at Mingora. The M & E Engineers of M&E Project who were involved in the validation process in Year 2010 participated in the meeting beside the QAM(B) CMEP AGES, coordinator Swiss Agency for Development and Cooperation and Field Monitor AGES. The purpose of meeting was to identify the suitable and unsuitable sites in light of survey done in year 2010.

6. A meeting was held in the office of M&E Dir at Timergara. Infrastructure Coordinator PaRRSA, Coordination Engineer M&E Dir, M&E Engineer Dir, Site Engineers M&E Dir, QAM Building CMEP AGES and Field Monitor CMEP AGES attended the meeting. The purpose of the meeting was to discuss the validation reports with the respective site engineers of M&E Dir who were involved in the validation process done in Year 2010. The suitable/unsuitable sites were identified in light of their reports.
7. A meeting was held in the Office of EDO District Malakand on 29-11-2012. EDO & ADO District Malakand, QAM (B) CMEP AGES & Field Monitor attended the meeting. The purpose of the meeting was to chalk out program for the visits of the suitable sites as pointed out by EDO Malakand.
8. A meeting was held on 05-12-2012 in the office of EDO D.I.Khan. All DDOs of the respective Tehsils, QAM (B) CMEP AGES, Field Manager and Field Monitor CMEP attended the meeting. The schools having land issues were identified and program was chalked out for the visits of suitable sites. The DDOs of the respective Tehsils were also involved in the revalidation process.
9. Introductory meeting with Country Director USAID Pakistan was held on April 17, 2013 in Islamabad.
10. A meeting was held on 17-05-2013 in the office of Programme Manager PaRRSA. Program Manager PaRRSA, Chief Infrastructure PaRRSA, Programme Manager USAID for KP, Engineer USAID, Team leader M&E AGES, CPO PaRRSA, SPO Education Department, DEO DI Khan, QAM (Building) CMEP AGES, Mid Level Specialist AGES, Field Manager AGES & Office Engineer AGES attended the meeting.

It was decided and agreed in the meeting that 24 out of 42 feasible sites/schools as re-validated & assessed by AGES shall be tagged as priority-1 having comparatively high enrollment & high future potential and will be included in PIL-1. Other issues pertaining to the project were also discussed in the meeting and decisions made accordingly.
11. A meeting was held on 24-05-2013 in the Project office CMEP Peshawar to discuss Layout Plans, modular drawings and cost estimates for PIL No.01. Chief Infrastructure PaRRSA, Partner AGES, QAM (Building) CMEP AGES, Mid Level Specialist AGES, Field Manager AGES & Office Engineer AGES attended the meeting. Some technical modifications/changes were suggested and agreed to be incorporated in the BOQs, Architectural and Structural Drawings keeping in view the lesson learnt from M&E project
12. A meeting with Engineer USAID and Chief Infrastructure PaRRSA was held on 28-06-2013 to review & finalize the BOQ's and drawings of 24 schools selected for PIL-01
13. A meeting was held with USAID & PaRRSA in PaRRSA Secretariat Peshawar on 28-06-

2013 and discussed the flood/militancy school implementation strategy and progress of school under KPRP.

14. A meeting was held on July 22, 2013 in the office of Program Manager PaRRSA. Program Manager PaRRSA, Chief Infrastructure PaRRSA, Engineer USAID, Chief Planning Officer PaRRSA, Planning Officer PaRRSA, Senior Engineer PaRRSA, QAM(Building) CMEP AGES, Mid Level Specialist AGES and Field Manager AGES attended the meeting.

Main purpose of the meeting was firstly to review the draft validation report of alternate schools submitted by AGES and secondly to get fresh list of alternate schools for physical survey and assessment.

15. A meeting was held on August 20, 2013 in the office of DEO Swabi. ADO (Male) Swabi, ADO (Female) Swabi, Field Manager (Building) CMEP and Junior Engineer CMEP attended the meeting. The (03) three listed schools were discussed & reviewed in detail before going for physical survey & assessment of the schools. Both ADOs accompanied the survey team during the validation process.

16. A meeting was held on August 26, 2013 in the office of DEO Malakand at Batkhela. Mr. Abdullah DEO(M) Malakand, Mr. Ruidar Ali QAM(Building) CMEP, Mr. Fazal Ahad Dy:DEO(M) Malakand, Mr. Fazli Subhan ADO(P&D) Malakand & Mr. Iftikhar Alam Office Engineer AGES attended the meeting. The list provided by PaRRSA was discussed in detail and all the listed schools were found suitable for physical survey & assessment. A survey team comprising of AGES Engineers & ADO (P&D) were advised to proceed for physical survey & assessment forthwith.

17. A meeting was held on August 26, 2013 in the office of DEO Lower Dir at Timergara. Mr. Shabir Ahmad Dy: DEO (E&SE) Dir Lower, Mr. Muhammad Aslam ADO (P&D) Dir Lower, Mr. Muhammad Tahir ADO(P&D) Dir Upper, Mr. Jehandar Shah ADO(P&D)F Dir Lower, Mr. Shahid Jan Infrastructure Coordinator PaRRSA & Mr. Ruidar Ali QAM(Building) CMEP attended the meeting. The list provided by PaRRSA was discussed in detail and six (06) schools were dropped from the list being Pledged/Reconstructed by other Donor agencies or through Government ADP. AGES was given a green signal to go ahead for the physical survey & assessment of the balance seven (07) listed schools as provided by PaRRSA.

18. A meeting was held on August 27, 2013 in the office of DTL M&E Swat at Saidu Sharif Swat. Mr. Shakeel Iqbal PM PaRRSA, Mr. Aurang Zeb ADO(P&D) Shangla, Mr. Akhter Naeem ADO P&D(F) Shangla, Mr. Said Rahman SPO PMU PaRRSA, Mr. Sajjad Ahmad Infrastructure Coordinator PaRRSA, Mr. Ruidar Ali QAM(Building) CMEP, Dilshad Begum DEO(F) Swat, Mr. Abdul Aziz Shaheen ADO P&D(F) Swat, Mr. Sultan Mehmood DEO(M) Swat & Mr. Muhmmad Azim ADO P&D Swat attended the meeting. The list provided by

PaRRSA was discussed & reviewed in detail. Some schools were dropped due to inaccessibility, some were not functional for the last 8 to 9 years (according to DEO Female), some were already Pledged/Reconstructed by other donors or through Government ADP, and some have no land being washed away due to floods July, 2010. It was decided that a final list will be submitted to PaRRSA having all informations as discussed in the meeting for physical survey & assessment (Annexure-I).

19. A meeting was held on August 28, 2013 in the office of DEO Dir Upper at Dir. Mr. Shahid Jan Infrastructure Coordinator PaRRSA, Mr. Ruidar Ali QAM(Building) CMEP & Mr. Farmanullah Representative of DEO(M&F) Dir Upper attended the meeting. The list provided by PaRRSA was discussed & reviewed in detail. Five (05) schools mentioned in the list were dropped due to having no land being washed away during the floods July 2010; two (02) schools were already Pledged/Re-constructed by other donor agencies. It was decided that a final list in light of decision made in the meeting held on August 27, 2013 with the Program Manager PaRRSA at Saidu Sharif Swat will be submitted to PaRRSA for physical survey & assessment. AGES survey team will proceed for physical survey & assessment as and when the consolidated list of schools is received from PaRRSA (Annexure-I).
20. A meeting was held on September 17, 2013 in the Project Office of CMEP Peshawar, to discuss validation report of 12 alternate sites of district Nowshera, Swabi & Kohat and actual site specific BOQ's of 24 schools of PIL-01. Chief Infrastructure PaRRSA, QAM(Building) CMEP AGES, Mid Level Specialist AGES, Field Manager AGES, Office Engineer AGES and Quantity Surveyor AGES attended the meeting.
21. A meeting was held on October 28, 2013 in the office of District Education Officer Dir Upper. SDO (M) Dir & Warai Sub Division, ASDO (M) Sheringle & Warai Sub Division, Infrastructure Coordinator PaRRSA Dir Lower & QAM (Building) AGES CMEP attended the meeting. The list provided by PaRRSA was discussed in detail and 09 schools were dropped from the list being repaired/rehabilitated, partially damaged and no arrangement of alternate land. AGES was advised to proceed for physical survey and assessment.
22. A meeting was held on October 29, 2013 in the office of District Education Officer Shangla at Alpurai, DEO (M/F) Shangla, ADO P&D (M) Shangla, ADO P&D (F) Shangla, Admin Officer Shangla, Senior Clerk DEO Office Shangla, QAM (Building) AGES CMEP, Field Manager AGES CMEP, Junior Architect AGES CMEP, Ex-MPA Shangla attended the meeting. The list provided by PaRRSA was discussed in detail and 03 schools were dropped from the list being no arrangement of alternate land. AGES was advised to proceed for physical survey and assessment.
23. A meeting was held on November 06, 2013 in the Project Office of CMEP Peshawar, to

revisit the validation reports of 21 schools in Districts Peshawar, Nowshera & Charsadda, 12 schools in District Nowshera, Swabi & Kohat, 8 schools in District Dir Lower and to review the Draft Validation Report of recently assessed, 22 schools in District D.I Khan & 11 schools in District Dir Lower. The sole objective of the above review was to finalize the scope for the upcoming PIL. Chief Infrastructure PaRRSA, Project Manager CMEP AGES, QAM (Building) CMEP AGES, Mid Level Specialist CMEP AGES, Junior Architect CMEP AGES and Junior Engineer CMEP AGES attended the meeting.

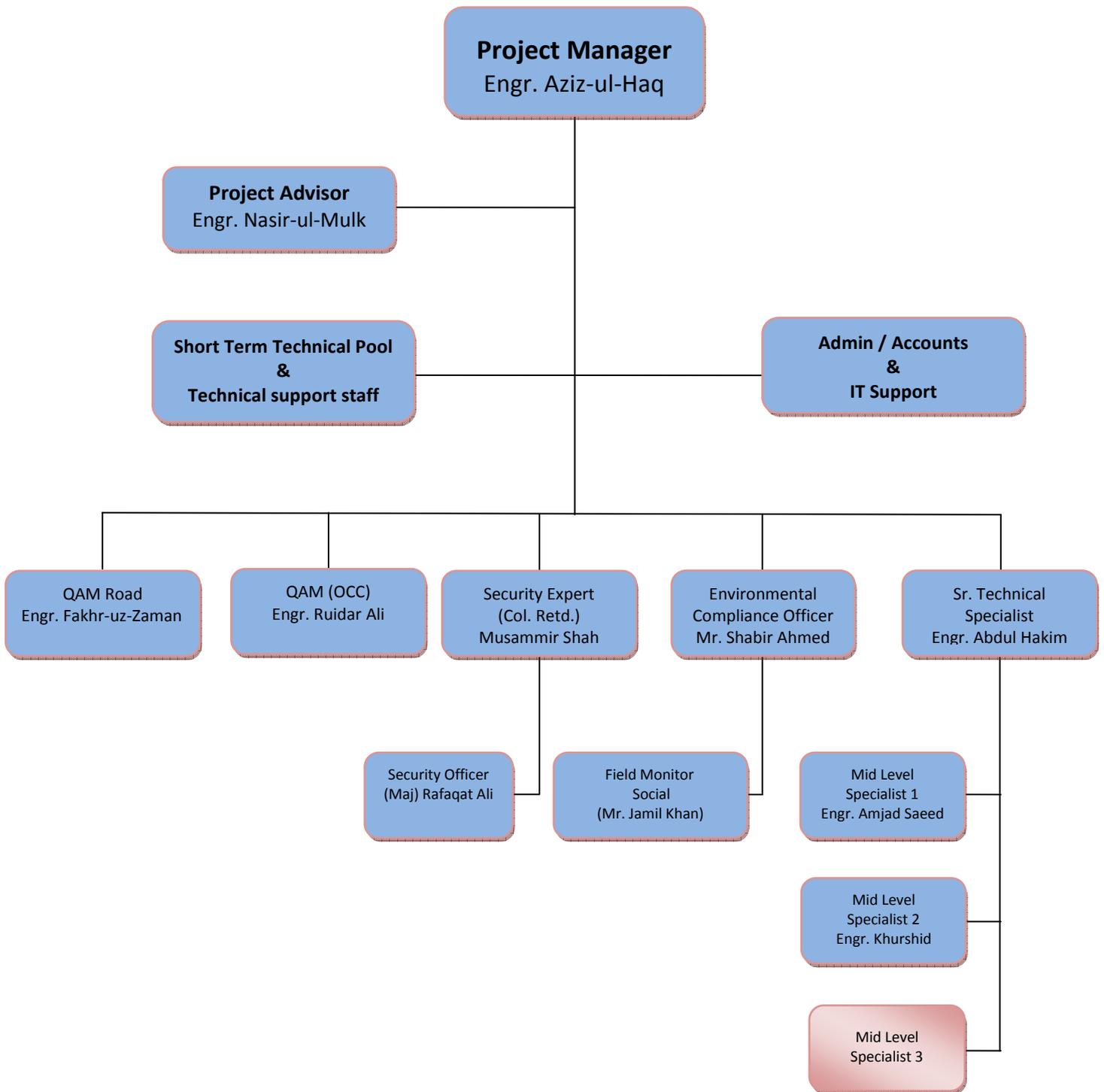
24. A meeting was held on November 20, 2013 in the Project Office of CMEP Peshawar, to discuss draft site/layout plans of recently assessed 38 schools of District Dir Lower, Dir Upper, Malakand, Swat & Shangla, to finalize the scope for the upcoming PIL. Chief Infrastructure PaRRSA, Project Manager CMEP AGES, QAM(Building) CMEP AGES, Mid Level Specialist CMEP AGES, Field Manager CMEP AGES and Office Engineer CMEP AGES attended the meeting.

25. A meeting was held at CMEP Project Office Peshawar on December 21, 2013 to review the revised proposals of GHSS Akbarpura. Principal Architect AFKAR Associates presented the proposals to the Chief Infrastructure PaRRSA. AGES CMEP team comprising the Project Manager, Advisor, QAM (Building), Senior Technical Specialist, Structure Engineer / specialist, Mid Level Specialist, Field Manager, Office Engineer and Junior Architect attended the meeting.

3.15. Organization Chart and Staff Deployment

The M&E Consultants organization chart and staff deployment is presented in the next section.

4. ORGANIZATION CHART WITH KEY STAFF DEPLOYMENT



LEGEND:



Mobilized



To be mobilized with expansion of work

PROJECT MANAGER OFFICE – STAFF DEPLOYMENT

S. No.	Name	Designation	
1	Aziz-ul-Haq	Project Manager	ROAD COMPONENT
2	Nasir-ul-Mulk	Project Advisor	
3	Abdul Hakim	Senior Technical Specialist	
4	Shabir Ahmad Khan	Environmental Compliance Officer	
5	Muhammad Khurshid	Mid-Level Specialist	
6	Amjad Saeed	Mid-Level Specialist	
7	Irfanullah Khattak	Reporting Specialist	
8	Maj. (Rtd.) Razaqat Ali	Security Officer	
9	Saqib Maqbool	Junior Engineer	
10	Arshad Khan	CAD Operator	
11	Sohail Anjum	Senior Surveyor	
12	Abdul Waheed	Manager Admin/Finance	
13	Amir Habib	IT Officer	
14	Muhammad Bilal	Assistant Accountant	
15	Faizan Khan	Computer Operator	
16	Jamil Khan	Field Monitor Social	OTHER CONSTRUCTION COMPONENT
17	Anwar Dad	Quantity Surveyor	
18	Waqar ul Mulk	Junior Architect	
19	Naeem Jan	Senior Surveyor	
20	Muhammad Waqas	Survey Assistant	
21	Muhammad Ayaz	Survey Assistant	
22	Muhammad Zeeshan Atta	Survey Assistant	
23	Sana ullah	Accountant	

QUALITY ASSURANCE MANAGER OFFICE (Other Construction Component)

S.No.	Name	Designation
1	Ruidar Ali	QAM (OCC)
2	Muhammad Humayun	Field Manager M&E
3	Iftikhar Alam Khan	Office Engineer
4	Ihsan Ali	Assistant Office Administrator
5	Fida Ullah	Computer Operator

Figure 4.1: TEAM COMPOSITION-BUILDING COMPONENTS
USAID/PAKISTAN CONSTRUCTION MONITORING AND EVALUATION PROGRAM

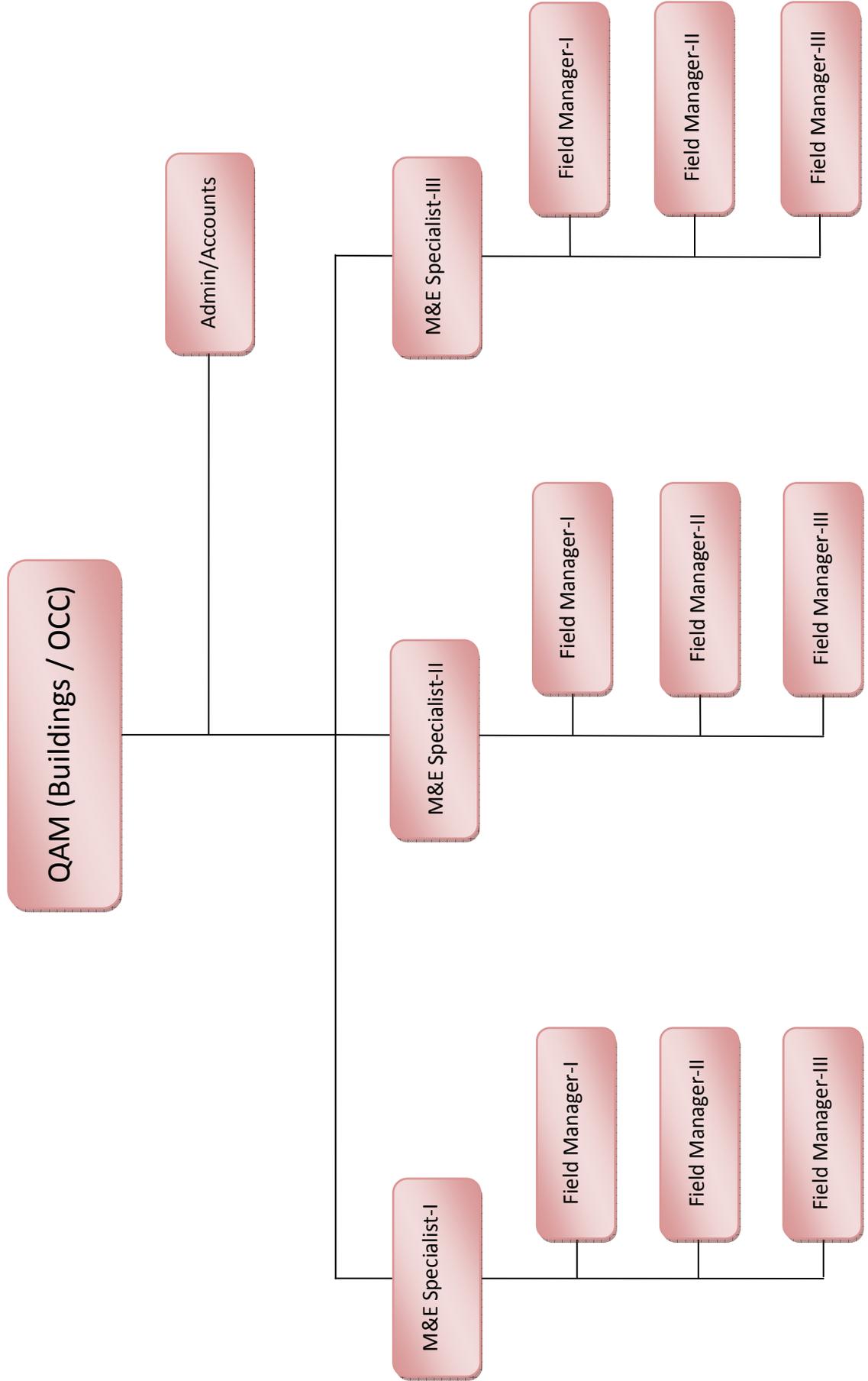
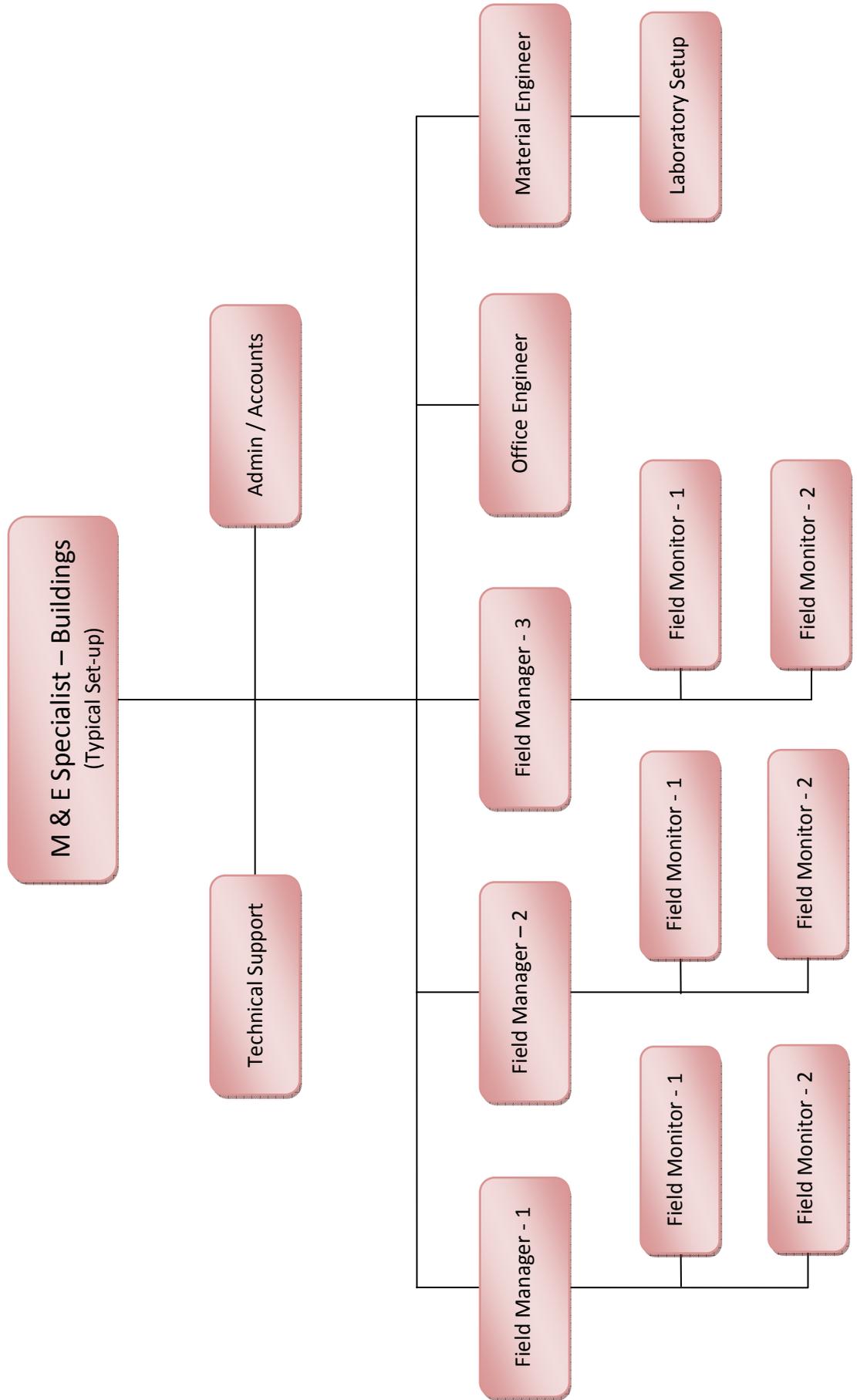
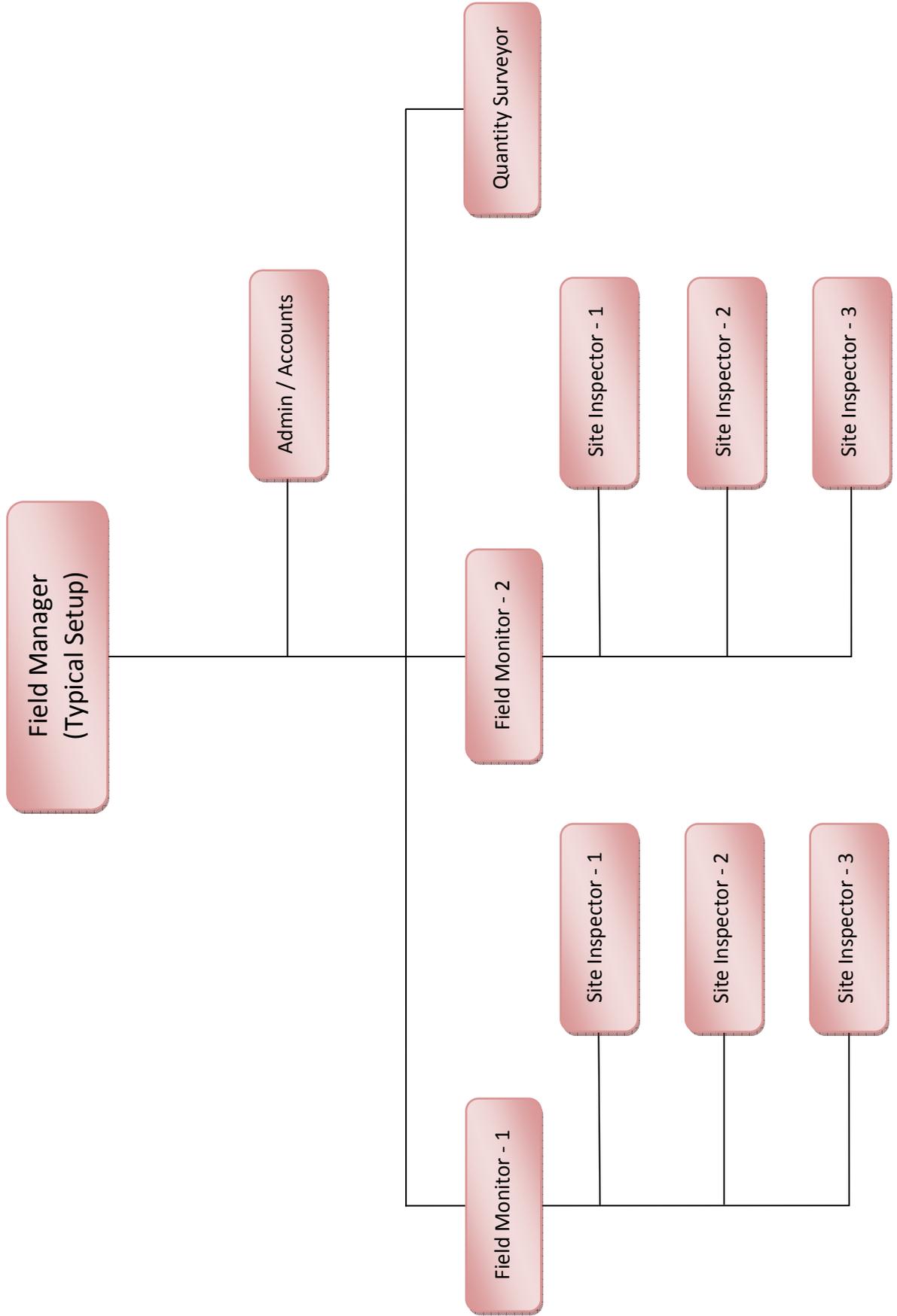


Figure 4.2: TEAM COMPOSITION-BUILDING COMPONENTS
USAID/PAKISTAN CONSTRUCTION MONITORING AND EVALUATION PROGRAM



**Figure 4.3: TYPICAL M&E SETUP –BUILDINGS
USAID/PAKISTAN CONSTRUCTION MONITORING AND EVALUATION PROGRAM**



ANNEXURES

ANNEXURE-I

(Minutes of Meetings)

MINUTES OF MEETING HELD ON JANUARY 07, 2014 AT THE CMEP OFFICE PESHAWAR

Minutes of Meeting Dated January 07, 2014.

A meeting was held at CMEP Project Office Peshawar on January 07, 2014 to review the pictures of 32 schools on which further clarification is required.

Following personnel participated in the meeting.

PaRRSA

- i. Mr. Tahir Kamran, Chief Infrastructure

AGES

- i. Mr. Ruidar Ali, Quality Assurance Manager
- ii. Mr. Muhammad Humayun, Field Manager
- iii. Mr. Amjad Saeed, Mid Level Specialist
- iv. Mr. Iftikhar Alam, Office Engineer

Following Agenda Points were discussed and decisions made thereon are tabulated as under:-

S.No	Agenda	Discussion and Decision
1	Review of Site Photographs of schools required further clarification	<p>The Site photographs of 32 schools were thoroughly reviewed. The decision made are discussed hereunder;</p> <p>District wise details are as under;</p> <p>1. <u>District Dir Lower</u></p> <p>Eight (08) schools have been thoroughly reviewed.</p> <ol style="list-style-type: none">1. GPS Chinar Kot has been agreed.2. GGMS Kotkay, GGHSS Kumbar and GHS Sadbar Kalay have also been agreed, however PaRRSA will require structure integrity certificate of the existing schools building.3. GMS Asigi Kalay has been agreed. Further, It has been decided that the name of GPS Asigi Kalay will be deleted from the list and their scope will be added in GMS Asigi Kalay. The Structure Integrity Certificate of existing school buildings will also be required.4. GGPS Jabagai has been withheld till PaRRSA decide the implementation strategy.5. GPS Sra Dhera has been agreed, however the remarks in the validation report needs to be elaborated. Also the status of mutation of alternate land needs to be updated in the validation report. <p>2. <u>District D.I Khan</u></p> <p>Two (02) schools have been thoroughly reviewed.</p>

		<ol style="list-style-type: none"> 1. GPS Roda has been agreed. 2. GPS No. 1 Yarak has also been agreed, however PaRRSA will require structure integrity certificate of the existing school building. <p>3. <u>District Dir Upper</u> All nine (09) schools have been thoroughly reviewed.</p> <ol style="list-style-type: none"> 1. GPS Zakria, GPS Nihag, GPS Sundrai and GPS Sundal have been agreed. 2. GGPS Kotkai has also been agreed, however PaRRSA will require structure integrity certificate of the existing school building. 3. GPS Kass Barikot, GPS Remin Kass, GPS Tagi Sar and GPS Shomai have been agreed, however the remarks in the validation report needs to be elaborated. Also the status of mutation of alternate land needs to be updated in the validation report. <p>4. <u>District Malakand</u> Three (03) schools have been thoroughly reviewed.</p> <ol style="list-style-type: none"> 1. GHS Inzergai and GPS Jalal Kot have been agreed. 2. GPS Landai has been withheld till PaRRSA decide the implementation strategy. <p>5. <u>District Swat</u> 1. Six (06) schools have been thoroughly reviewed. All six schools including GPS No. 2 Maloach, GPS Chinda Khora, GGPS Kas, GPS Pacha Kalay, GPS Shaheed Baba & GPS Kanjo Chowk and GGPS Godha have been withheld till PaRRSA decide the implementation strategy.</p> <p>6. <u>District Shangla</u> Four (04) schools have been thoroughly reviewed.</p> <ol style="list-style-type: none"> 1. GPS Faiza and GPS Kandary Kormang have been agreed. 2. GPS Baglosar and GGHS Butyal Besham have been withheld till PaRRSA decide the implementation strategy.
2	Source of Information in Validation	It has been decided that the source of information in the validation report also comprise the names of PaRRSA and

	Report	Education Department officials visited the sites along the AGES team. The source of information column in the validation report needs to be updated.
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Meeting in the office of CMEP AGES dated: 07 January 2014



Meeting in the office of CMEP AGES dated: 07 January 2014

MINUTES OF MEETING HELD ON JANUARY 11, 2014 AT THE CMEP OFFICE PESHAWAR

Construction Monitoring & Evaluation Program (CMEP), KP
(Building Component)
Minutes of Meeting Dated January 11, 2014.

A meeting was held at CMEP Project Office Peshawar on January 11, 2014 to review the proposals of GHSS Akbar Pura, site/layout plans & site photographs of remaining 13 schools of 173 validated schools and assessment of damaged schools in District Lakki Marwat.

Following personnel participated in the meeting.

PaRRSA

- i. Mr. Tahir Kamran, Chief Infrastructure

AFKAR ASSOCIATES

- i. Mr. Mansoor, Principal Architect

AGES CONSULTANTS

- i. Mr. Aziz-ul-Haq, Project Manager
- ii. Mr. Nasir-ul-Mulk, Project Advisor
- iii. Mr. Ruidar Ali, Quality Assurance Manager
- iv. Mr. Muhammad Ishaq, Structure Engineer
- v. Mr. Muhammad Humayun, Field Manager
- vi. Mr. Amjad Saeed, Mid Level Specialist
- vii. Mr. Iftikhar Alam, Office Engineer
- viii. Mr. Waqar-ul-Mulk, Junior Architect

Following Agenda Points were discussed and decisions made thereon are tabulated as under:-

S.No	Agenda	Discussion and Decision
1	Review of decisions of last meeting (Dec 21, 2013)	Afkar Associates explain the compliance of decisions in the revised proposals as under; <ul style="list-style-type: none"> 1. Masjid has been excluded from USAID Scope. 2. Level of school building has been reviewed and agreed. 3. All class room sizes have been standardized as 24' x 18'. 4. Ramp has been provided to the first floor of school building. 5. Existing school buildings to be retained have been mentioned in the proposed layout drawing. 6. Offices in the administration block have been revised. 7. Comparative statement of existing and proposed building has

		<p>been prepared and shared.</p> <p>8. Detailed survey of main drain along the boundary of the school has been conducted.</p>
2	Review of revised proposal	<p>Afkar Associates has presented two proposals of the agreed layout plan. The discussion and decision made are given hereunder;</p> <ol style="list-style-type: none"> 1. Two (02) proposals have been presented by Afkar Associates in which proposal 2 has been agreed. 2. It has been decided that one (01) toilet for special students will be provided on each floor of the school building. 3. It has been decided that all those existing buildings will be dismantled which interrupt the proposed plan. According to which Laboratory, Principal office along with staff room and hall will be dismantled whereas two class rooms will be retained. 4. The existing servant quarter will be kept intact. 5. It has been decided that the school building will be designed as frame structure. 6. Grade-60 steel shall be used. 7. Exterior walls in the proposed school building will be 13.5" thick while the inner partition walls will be 9" thick. 8. It has been decided that water sample of the existing water facility will be collected and tested, as the water of the area is badly polluted by the flood 2010. 9. Bearing capacity test will be conducted before structure design of the school. 10. PaRRSA has advised to provide two doors with double leaf in each class room, as practice in modular drawings. The doors will be opened towards outside the class room. A sample modular drawings and BOQ will be shared with Afkar Associates. 11. Maintenance free material will be used in the proposed school building. 12. PaRRSA has advised Afkar Associates to prepare comparative statement of material. 13. PaRRSA has advised AGES Consultant to prepare a detailed technical report of existing facilities in the school. 14. PaRRSA has advised Afkar Associates and AGES Consultant to prepare preliminary design & drawings at the earliest, enabling PaRRSA to submit a proposal to USAID before January 31st, 2014.

3	Site/layout plans & photographs of remaining 13 schools	<p>The site/layout plans along with site photographs of remaining 13 schools of 173 validated schools have been thoroughly reviewed. The discussion and decision made are given here under;</p> <p>District wise details are as under;</p> <p>1. <u>District Charsadda</u></p> <p>Three (03) schools were discussed & agreed. The school wise details are as under;</p> <p>i. <u>GPS Kabali Koroona:</u> M4 module (04 class rooms) along with a lavatory block & Development works has been agreed. The existing 02 class rooms were destroyed due to bomb blast. The school has 100 students and 02 teachers.</p> <p>ii. <u>GPS Zarawar Koroona:</u> M3 module (06 class rooms) along with two toilets & Development works has been agreed. The existing 02 class rooms were destroyed due to bomb blast. The school has 176 students and 03 teachers.</p> <p>iii. <u>GPS Mansooka:</u> M7 module (04 class rooms) along with lavatory block & Development works has been agreed. The existing 02 class rooms were in deplorable condition. The school has 128 students and 02 teachers.</p> <p>2. <u>District Dir Lower</u></p> <p>One (01) school was discussed & agreed. The school wise details are as under;</p> <p>i. <u>GHSS Ouch:</u> Two No. M3(H) modules (12 class rooms), M6 module (Principal Office, Staff Room, 02 Class Rooms & Examination Hall), M11 module (Library, Laboratory & 02 Class Rooms), M12 module (2 x Laboratory & Examination Hall) along with two lavatory blocks & developmental works have been agreed. The school comprises of three buildings. One building has been used by higher secondary section, while the other two buildings were used by high section of the school. The higher secondary building was in good condition and will remain intact. Both the buildings of high section were in deplorable condition</p>
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		<p>and will be dismantled. The school has 758 students & 35 teachers.</p> <p>3. <u>District Dir Upper</u></p> <p>Five (05) schools were discussed & agreed. The school wise details are as under;</p> <p>i. <u>GHS Barikot:</u></p> <p>T4(H) modules (04 Class Rooms), T6 module (Principal Office, Staff Room, 02 Class Rooms & Examination Hall), T11 module (Library, Laboratory & 02 Class Rooms) along with a lavatory block & developmental works have been agreed. The existing school building was washed away by flood 2010. The existing school site is not suitable for reconstruction being located in water way therefore the school will be reconstructed on alternate land. The mutation paper of alternate land will be required. The school has 275 students.</p> <p>ii. <u>GPS No. 2 Besho:</u></p> <p>GPS No. 2 Besho has been withheld till PaRRSA decide the implementation Strategy.</p> <p>iii. <u>GHS Jan Bathi:</u></p> <p>GHS Jan Bathi has been withheld till PaRRSA decide the implementation Strategy.</p> <p>iv. <u>GHS Nihag:</u></p> <p>GHS Nihag has been withheld till PaRRSA decide the implementation Strategy.</p> <p>v. <u>GPS Sperko:</u></p> <p>GPS Sperko has been withheld till PaRRSA decide the implementation Strategy.</p> <p>4. <u>District Swat</u></p> <p>One (01) school was discussed & agreed. The school wise details are as under;</p> <p>i. <u>GPS Godha:</u></p> <p>GPS Godha has been withheld till PaRRSA decide the implementation Strategy.</p>
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		<p>5. <u>District Shangla</u></p> <p>Three (03) schools were discussed & agreed. The school wise details are as under;</p> <p>i. <u>GHS Shangla:</u></p> <p>T4(H) module (04 Class Rooms), T6 module (Principal Office, Staff Room, 02 Class Rooms & Examination Hall), T11 module (Library, Laboratory & 02 Class Rooms) along with a lavatory block & developmental works have been agreed. The existing school building was destroyed due to land sliding. The existing school site is not suitable for reconstruction therefore the school will be reconstructed on alternate land. The mutation paper of alternate land will be required. The school has 271 students and 07 teachers.</p> <p>ii. <u>GPS Shangla:</u></p> <p>T3 module (06 Class Rooms) along with a lavatory block & developmental works has been agreed. The existing school building was destroyed due to land sliding. The existing school site is not suitable for reconstruction therefore the school will be reconstructed on alternate land. The mutation paper of alternate land will be required. The school has 238 students and 04 teachers.</p> <p>iii. <u>GGPS Karshat:</u></p> <p>GGPS Karshat has been withheld till PaRRSA decide the implementation Strategy.</p>
4	Assessment of Damaged Schools in District Lakki Marwat.	PaRRSA has advised AGES Consultant to initiate the assessment and physical survey of damaged schools in District Lakki Marwat.

MINUTES OF MEETING HELD ON JANUARY 13, 2014 AT THE CMEP OFFICE PESHAWAR

Construction Monitoring & Evaluation Program (CMEP), KP
(Building Component)

Minutes of Meeting Dated January 13, 2014.

A meeting was held at CMEP Project Office Peshawar on January 13, 2014 to review the proposal of GHSS Akbar Pura, pictures of those schools on which further clarification is required.

Following personnel participated in the meeting.

USAID

- i. Mr. Bahrobar, Engineer

PaRRSA

- i. Mr. Tahir Kamran, Chief Infrastructure

AGES

- i. Mr. Naseer M Khan, Team Leader, M&E Project Malakand.
- ii. Mr. Aziz-ul-Haq, Project Manager
- iii. Mr. Nasir-ul-Mulk, Project Advisor
- iv. Mr. Ruidar Ali, Quality Assurance Manager
- v. Mr. Muhammad Ishaq, Structure Engineer
- vi. Mr. Muhammad Humayun, Field Manager
- vii. Mr. Amjad Saeed, Mid Level Specialist
- viii. Mr. Iftikhar Alam, Office Engineer

Following Agenda Points were discussed and decisions made thereon are tabulated as under:-

S.No	Agenda	Discussion and Decision
1	GHSS Akbar Pura	Proposals of GHSS Akbar Pura have been shared with USAID. Both the proposals have been reviewed. Proposal No. 2 has been agreed.
2	Review of Site Photographs of schools required further clarification	<p>Site photographs of those schools were thoroughly reviewed which required clarification. The decision made are discussed hereunder;</p> <p>District wise details are as under;</p> <p>1. <u>District Swat</u></p> <p>Seven (07) schools have been thoroughly reviewed.</p> <ul style="list-style-type: none"> 1. GGPS Kas and GPS Godha have been agreed. 2. GPS No. 2 Maloach has been agreed with scope revision from T4 module (04 class room), lavatory block and developmental works to M3 module (06 class rooms) and developmental works. The existing toilets will remain intact. PaRRSA will

		<p>require structure integrity certificate of the existing school building.</p> <ol style="list-style-type: none"> 3. GPS Chinda Khora has been agreed with scope revision from T3 module (06 class room), lavatory block and developmental works to M3 module (06 class rooms), M7 module (04 class rooms), lavatory block and developmental works. PaRRSA will require structure integrity certificate of the existing school building. 4. GPS Pacha Kalay has been agreed with scope revision from T4 module (04 class room) and lavatory block to T3 module (06 class rooms) and lavatory block. PaRRSA will require structure integrity certificate of the existing school building. 5. GGPS Godha has been agreed. PaRRSA will require structure integrity certificate of the existing school building. 6. GPS Shaheed Baba & GPS Kanjo Chowk has been dropped. <p>2. <u>District Shangla</u></p> <p>Two (02) schools have been thoroughly reviewed.</p> <ol style="list-style-type: none"> 1. GPS Baglo Sar has been agreed. 2. GGHS Butyal Besham has been dropped. 3. GGPS Karshat has been withheld till PaRRSA decide the implementation Strategy.
3	Review of Pictures of high and higher secondary schools	<p>USAID has intended to reconstruct some high and higher secondary schools. Fourteen (14) schools have been assessed and physical surveyed, in which the following four (04) schools have been selected for further developmental of proposals through Afkar Associates.</p> <ol style="list-style-type: none"> 1. GHSS Bagh, District Dir Lower 2. GHSS Lal Qila, District Dir Lower 3. GHSS Kabal, District Swat 4. GHSS Kot, District Malakand

MINUTES OF MEETING HELD ON FEBRUARY 05, 2014 AT THE CMEP OFFICE PESHAWAR

Construction Monitoring & Evaluation Program (CMEP), KP
(Building Component)
Minutes of Meeting Dated February 05, 2014.

A meeting was held at CMEP Project Office Peshawar on February 05, 2014 to review different aspects of structural design of GHSS Akbar Pura and to review the site photographs of recently assessed schools of District Lakki Marwat.

Following personnel participated in the meeting.

PaRRSA

- i. Mr. Tahir Kamran, Chief Infrastructure

Afkar Associates

- i. Mr. Mansoor, Principal Architect

AGES

- i. Mr. Aziz-ul-Haq, Project Manager
- ii. Mr. Nasir-ul-Mulk, Project Advisor
- iii. Mr. Ruidar Ali, Quality Assurance Manager
- iv. Mr. Muhammad Ishaq, Structure Engineer
- v. Mr. Muhammad Humayun, Field Manager
- vi. Mr. Amjad Saeed, Mid Level Specialist
- vii. Mr. Iftikhar Alam, Office Engineer

Following Agenda Points were discussed and decisions made thereon are tabulated as under:-

S.No	Agenda	Discussion and Decision
1	Review of different aspects of structure design of GHSS Akbar Pura	1. Structure Engineer AGES explained different aspects to be adopted in the design of GHSS Akbar Pura and its complications. The design aspects as discussed are given here under; <ul style="list-style-type: none"> i. Three different layout options have been considered for the structural design. <ul style="list-style-type: none"> a. <u>Option 1</u>: Four columns per room with perimeter beams and two intermediate beams. b. <u>Option 2</u>: Six columns per room with perimeter beams and two intermediate beams. c. <u>Option 3</u>: Eight columns per room with perimeter beams and two intermediate beams

		<p>Of all the three options, option 3 is the only viable option. Option 1 and 2 has high torsion values in the beams due to curvature (school layout) and cannot be designed with proposed arrangements. Therefore Option 3 will be further developed for the detail design.</p> <p>ii. Fill Load: The structure has 9 feet of fill over foundation. The foundation has been assumed to be 3 feet below existing ground level. The total fill load over foundation is in a range of 0.54 Tsf which will consume 0.54 Tsf of bearing capacity. Due to soil nature (Type SD or SE, awaiting test results), it is unlikely to have a higher bearing capacity values. The adequacy of normal shallow foundation is questionable and therefore Pile foundation and Foundation on engineering fill have been considered as alternatives.</p> <p>The foundation on engineering fill requires geotechnical design for type of material, compaction requirement, settlement and consolidation. The recommended values will be incorporated in the structural design.</p> <p>2. It has been decided and agreed that the site visit of stakeholders will be carried out to find way forward.</p> <p>3. Structure Engineer AGES further stated that soil investigation is in progress through UET Peshawar, the result of which is expected to be received in couple of days.</p> <p>4. February 28th, 2014 has been fixed as tentative date for draft submission to PaRRSA.</p>
2	Site Photographs of recently assessed schools in Lakki Marwat	<p>1. Site Photographs & draft validation report of recently assessed schools of District Lakki Marwat have been reviewed in which 16 school have been selected for further processing.</p> <p>2. PaRRSA has advised to develop site/layout Plans, of 16 selected schools along with validation report and other documentation required in the preparation of PIL.</p>



Meeting in the office of CMEP AGES dated: 05 February 2014



Meeting in the office of CMEP AGES dated: 05 February 2014

**SITE VISIT REPORT OF GHSS AKBARPURA,
DISTRICT NOWSHERA
DATED: FEBRAURY 11, 2014**

SITE VISIT REPORT OF GHSS AKBARPURA, DISTRICT NOWSHERA

DATED: FEBRUARY 11, 2014

Participants:

1. Mr. Tahir Kamran, Chief Infrastructure PaRRSA
2. Mr. Aziz-ul-Haq, Project Manager CMEP
3. Mr. Nasir-ul- Mulk , Project Advisor CMEP
4. Mr. Ruidar Ali, Quality Assurance Manager CMEP
5. Mr. Mansoor Ahmad, Afkar Associates
6. Mr. Muhammad Humayun, Field Manager CMEP

A joint visit of GHSS Akbar Pura was conducted on February 11, 2014 In compliance with the decision made in the meeting held on February 05, 2014, wherein it was decided that a joint visit of GHSS Akbar Pura will be carried out to look into the various aspects with regard to the fixing of FFL, dismantling of existing buildings, system for water supply, sewerage & drainage etc.

Following decisions were made during the spot inspection;

- All existing buildings will be dismantled except main hall and two recently constructed class rooms
- FFL will be at about 5 feet above existing natural ground level
- Earth filling will be three feet in the whole area of the school except play ground
- Water supply & sanitation experts will see & design sewerage & drainage systems for the school
- Electrical engineer will see electrification
- Structure engineer will design reinforcement on the basis of final soil investigation report & finished floor levels
- Afkar Associates will make necessary amendments in the Architectural Drawings and a final draft will be presented during the next meeting







MINUTES OF MEETING HELD ON FEBRUARY 25, 2014 AT THE CMEP OFFICE PESHAWAR

Construction Monitoring & Evaluation Program (CMEP), KP
(Building Component)
Minutes of Meeting Dated February 25, 2014.

A meeting was held at CMEP Project Office Peshawar on February 25, 2014 to review the preliminary Architectural, Water Supply & Sanitation and Electrical drawings of GHSS Akbar Pura.

Following personnel participated in the meeting.

PaRRSA

- ii. Mr. Tahir Kamran, Chief Infrastructure

Afkar Associates

- i. Mr. Mansoor, Principal Architect

AGES

- i. Mr. Aziz-ul-Haq, Project Manager
- ii. Mr. Ruidar Ali, Quality Assurance Manager
- iii. Mr. Iftikhar-ud-Din, Electrical Engineer
- iv. Mr. Mukhtair Ahmad, Design Engineer WatSan
- v. Mr. Muhammad Ishaq, Structure Engineer
- vi. Mr. Hassan Khan, Site Engineer WatSan
- vii. Mr. Muhammad Humayun, Field Manager
- viii. Mr. Amjad Saeed, Mid Level Specialist
- ix. Mr. Iftikhar Alam, Office Engineer
- x. Mr. Waqar-ul-Mulk, Junior Architect

Following Agenda Points were discussed and decisions made thereon are tabulated as under:-

S.No	Agenda	Discussion and Decision
1	Electrical Drawings	<p>The Electrical Engineer presented preliminary electrical drawings of GHSS Akbar Pura, the details are given here under;</p> <ol style="list-style-type: none"> 1. Six Fans have been provided in each Class Room which was agreed by the stakeholders. 2. Six Energy Savers have been provided on walls of each Class Room. It was decided that combination of tube lights and energy savers shall be applied as per requirements. 3. Fans have been provided in the verandah of school building. It was decided that no fan will be provided in the verandah. 4. The Electrical Engineer has been advised to revise the Fans arrangement in the Examination Hall & Library. 5. Provision for CCTV Cameras & flood lights is not justified. 6. Loudspeaker has been provided in the Examination hall, which

		<p>was agreed by the stakeholders.</p> <ol style="list-style-type: none"> 7. Four sockets have been provided in each class room which has been replaced with 2 sockets. 8. Two sockets will be provided in each office/staff room. 9. Sockets arrangement made in the Examination hall & Library have been agreed by the stakeholders. <p>The Electrical Engineer has been advised to revise all drawings in light of above decisions.</p>
2	WatSan Drawings	<p>The WatSan Design Engineer presented preliminary water supply & sanitation drawings of GHSS Akbar Pura, the details are given here under;</p> <ol style="list-style-type: none"> 1. Three septic tanks have been provided which was agreed by the stakeholders. 2. No Soakage Pit has been provided due to high water table in the area. The septic tanks will be directly connected to main sewer line. 3. Toilet Blocks levels will be raised for the disposal of waste to the septic tank and further to the main sewer line. 4. Provision of water cooler shall be made at suitable locations on both floors of the school building. 5. It was decided that instead of providing two small Over Head Water Tanks on Toilet Blocks, a separate Over Head Water Tank having appropriate capacity will be provided near to the Bore well. <p>The Water & Sanitation Design Engineer has been advised to revise all drawings in light of above decisions.</p>
3	Architectural Drawings	<p>Afkar Associates presented preliminary Architectural drawings of GHSS Akbar Pura, the details are given here under;</p> <ol style="list-style-type: none"> 1. Architectural drawings have been revised in light of visit made on January 11, 2014, according to which; <ul style="list-style-type: none"> • Finish Floor Level of the school building has been kept 5 ft above the ground level. • Number of the class rooms has been reduced to 32 from 36. • South entrance has been relocated to its original position. 2. It was decided that provision for lab equipments shall be made in the laboratories.

		<ol style="list-style-type: none"> 3. Cabinets have been provided in the staff room, which was agreed by the stakeholders. 4. Two wooden doors have been provided in each class room. Each door has double leaf of equal size, which was agreed by the stakeholders. 5. Afkar Associates has been advised to revise the front window of the class room. 6. Afkar Associates has been advised to make sill level at 4 – 5 ft in each class room. 7. Enamel paint shall be applied on internal walls of the class rooms up to sill level. 8. It was decided that 3 ft high marble skirting shall be provided on front wall in verandah instead of porcelain tiles. 9. Marble skirting 4 inches high has been agreed. 10. Marble flooring of size 12” x 24” has been agreed. 11. Traditional roof treatment comprising of brick tiles, compacted earth, polyethylene sheet and bitumen as approved in other modules shall be applicable. 12. Marble coping has been provided on parapet wall instead of PCC coping. 13. It was agreed that retaining wall shall be provided to the existing quarter. <p>Afkar Associates has been advised to revise all drawings in light of above decisions.</p> <ul style="list-style-type: none"> • It was further decided that preliminary Architectural, Structural, Electrical and Water & Sanitation drawings once finalized will be submitted to PaRRSA on March 04, 2014 for further submission to USAID which was suppose to be submitted on Feb 28,2014.
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Meeting in the office of CMEP AGES dated: 25 February 2014



Meeting in the office of CMEP AGES dated: 25 February 2014

MINUTES OF MEETING HELD ON MARCH 04, 2014 AT THE CMEP OFFICE PESHAWAR

Construction Monitoring & Evaluation Program (CMEP), KP
(Building Component)
Minutes of Meeting Dated March 04, 2014.

A meeting was held at CMEP Project Office Peshawar on March 04, 2014 to review the status of preliminary Architectural, Structural, Water Supply & Sanitation drawings of GHSS Akbar Pura.

Following personnel participated in the meeting.

Afkar Associates

- i. Mr. Mansoor, Principal Architect

AGES

- i. Mr. Ruidar Ali, Quality Assurance Manager
- ii. Mr. Mukhtair Ahmad, Design Engineer WatSan
- iii. Mr. Muhammad Ishaq, Structure Engineer
- iv. Mr. Hassan Khan, Site Engineer WatSan
- v. Mr. Muhammad Humayun, Field Manager
- vi. Mr. Iftikhar Alam, Office Engineer
- vii. Mr. Waqar-ul-Mulk, Junior Architect

Following Agenda Points were discussed and decisions made thereon are tabulated as under:-

S.No	Agenda	Discussion and Decision
1	Architectural Drawings	<p>The Architectural drawing developed so far has been discussed in detail. Afkar Associates suggested some points the details of which are as under;</p> <ol style="list-style-type: none"> 1. It has been suggested and decided that 2" thick Jambolan shall be used for roof insulation. 2. It has been suggested and decided that local granite will be used in stair cases of the school building. 3. It has been suggested and decided that stainless steel railing shall be provided in stair cases of the school building. 4. It has been decided that columns in LB blocks will be flushed outside. 5. It has been decided that the level of the toilet blocks have been raised by 2 ft from the finish floor level of the school building. 6. Ramp has been provided from main building to toilet blocks due to level difference of 2 ft. 7. It has been decided that the height of Examination Hall will be raised to 16 ft. The height of each floor has been kept 11 ft. 8. It has been decided that the arrangement of columns in the Examination Hall need to be readjusted.

		<p>9. It has been decided that ramp design will be revised.</p> <p>10. It has been decided that the grid on Architectural & Structural drawings should be consistent.</p> <p>Afkar Associates will revise Architectural drawings in light of above decisions.</p>
2	WatSan Drawings	<p>The details of water supply & sanitation drawings of GHSS Akbar Pura are given here under;</p> <ol style="list-style-type: none"> 1. WatSan Design Engineer has designed circular Over Head Water tank having the following features; <ul style="list-style-type: none"> • Dia of OHWT = 14 ft. • Total Height of OHWT = 43'-9" <ol style="list-style-type: none"> i. Tank Height = 8'-9" including 1 ft free board. ii. Height from NSL to bottom Slab = 35' 2. Three septic tanks have been provided, two for the main building toilet blocks and one for the administration block. 3. Watsan Design Engineer suggested to raise further the level of toilet blocks in the main building which was regretted by the Architect. It has been decided that; <ul style="list-style-type: none"> • Watsan Design Engineer will reconsider the water levels. • WatSan Design Engineer will revise the location of the septic tanks. 4. Second option of collection tank has been considered. Watsan Design Engineer will design main collection tank which will receive waste from the septic tanks and will dispose the waste to main sewer line through pump. <p>WatSan Design Engineer will revise water & sanitation drawings in light of above decisions.</p> <p>It has been decided that a next meeting will be held on Friday March 07, 2014 to finalize and compile the drawings for submission to PaRRSA.</p>



Meeting in the office of CMEP AGES dated: 04 March 2014



Meeting in the office of CMEP AGES dated: 04 March 2014

MINUTES OF MEETING HELD ON MARCH 07, 2014 AT THE CMEP OFFICE PESHAWAR

Construction Monitoring & Evaluation Program (CMEP), KP
(Building Component)
Minutes of Meeting Dated March 07, 2014.

A meeting was held at CMEP Project Office Peshawar on March 07, 2014 to review the status of preliminary Architectural, Electrical and Water Supply & Sanitation drawings of GHSS Akbar Pura.

Following personnel participated in the meeting.

PaRRSA

- i. Mr. Tahir Kamran, Chief Infrastructure

Afkar Associates

- i. Mr. Mansoor, Principal Architect

AGES

- i. Mr. Aziz-ul-Haq, Project Manager
- ii. Mr. Ruidar Ali, Quality Assurance Manager
- iii. Mr. Ittikhar-ud-Din, Electrical Engineer
- iv. Mr. Mukhtair Ahmad, Design Engineer WatSan
- v. Mr. Muhammad Ishaq, Structure Engineer
- vi. Mr. Muhammad Humayun, Field Manager
- vii. Mr. Amjad Saeed, Mid-Level Specialist
- viii. Mr. Muhammad Ibrar, Office Engineer (Roads)
- ix. Mr. Waqar-ul-Mulk, Junior Architect

Following Agenda Points were discussed and decisions made thereon are tabulated as under:-

S.No	Agenda	Discussion and Decision
1	Architectural Drawings	<p>The details of Architectural drawings are as under;</p> <ol style="list-style-type: none"> 1. It has been decided & agreed that Thermopore sheet of 30 Kg/m³ density shall be used for roof insulation instead of Jambolan board. 2. It has been decided & agreed that stainless steel railing shall be used in stair cases with proper justification. 3. It has been decided & agreed that local granite shall be used in stair cases with proper justification. 4. The proposed height of 16 ft for Examination Hall has been agreed by the stakeholders. 5. Afkar Associates has suggested to use wall brackets along the beams in the Examination Hall for aesthetic purposes which has been agreed by the stakeholders.

2	Electrical Drawings	<p>The details of electrical drawings are as under;</p> <ol style="list-style-type: none"> 1. It has been decided that only provision for fans shall be made in the book shelf portion of the library. 2. It has been suggested to confirm that the blades of the fan are not reflected by tube light provided on a beam.
3	Submission of Drawings to PaRRSA	<p>It has been decided that Architectural, Electrical, Structural and Water Supply & Sanitation Drawings will be submitted to QAM (Building) on Tuesday March 11, 2014 for onward submission to PaRRSA on Wednesday March 12, 2014.</p>



MINUTES OF MEETING HELD ON MARCH 07, 2014 AT THE CMEP OFFICE PESHAWAR

Construction Monitoring & Evaluation Program (CMEP), KP
(Building Component)
Minutes of Meeting Dated March 07, 2014.

A meeting was held at CMEP Project Office Peshawar on March 07, 2014 to review the draft site/layout plans of feasible schools of **District Lakki Marwat and Dir Lower**.

Following personnel participated in the meeting.

PaRRSA

- i. Mr. Tahir Kamran, Chief Infrastructure

AGES CONSULTANTS

- i. Mr. Aziz-ul-Haq, Project Manager
- ii. Mr. Ruidar Ali, Quality Assurance Manager
- iii. Mr. Amjad Saeed, Mid Level Specialist
- iv. Mr. Iftikhar Alam, Office Engineer

Following Agenda Points were discussed and decisions made thereon are tabulated as under:-

S.No	Agenda	Discussion and Decision
1	Site/layout plans	<p>The site/layout plans of feasible schools of Districts Lakki Marwat & Dir Lower have been thoroughly discussed & reviewed. District wise details are as under;</p> <p style="text-align: center;">1. District Lakki Marwat:</p> <p>Fifteen (15) feasible schools of District Lakki Marwat have been discussed & agreed. The school wise details are as under;</p> <ul style="list-style-type: none"> i. <u>GPS Wanda Sharbat:</u> M4 module (04 class rooms) along with lavatory block & Development works has been agreed. The existing 02 class rooms were fully damaged. The school has 84 students and 02 teachers. Keeping in view the population of the area, school student enrollment will be increased in future. ii. <u>GPS No. 1 Toti Abad:</u> Two number M1 modules (12 class rooms) along with lavatory block & Development works have been agreed. The existing 02 class rooms were in acceptable condition & will remain intact. The school has 440 students and 11 teachers.

		<p>iii. <u>GPS No. 1 Matora:</u> M4 module (04 class rooms) along with lavatory block & Development works has been agreed. In the existing 07 class rooms, 04 were fully damaged while 03 were in good condition and will remain intact. The school has 211 students and 06 teachers.</p> <p>iv. <u>GGPS No. 1 Matora:</u> M1 module (06 class rooms) along with lavatory block & Development works has been agreed. The existing 02 class rooms were fully damaged. The school has 250 students and 02 teachers.</p> <p>v. <u>GHS Nar Muzaffar Khan:</u> M3 module (06 class rooms), M6 module (Principal Office, Staff Room, 02 Class Rooms & Examination Hall), M11 module (Library, Laboratory & 02 Class Rooms) along with lavatory block & Development works have been agreed. In the existing 07 class rooms, 05 class rooms were fully damaged. Principal Office, Clerk Office, Staff Room, Laboratory, Library and 02 Stores were also fully damaged. 02 class rooms were in good condition & will remain intact. The school has 464 students and 16 teachers.</p> <p>vi. <u>GPS Kotka Amand Khan:</u> M3 module (06 class rooms) along with lavatory block & Development works has been agreed. The existing 02 class rooms were fully damaged. The school has 136 students and 03 teachers.</p> <p>vii. <u>GPS Nar Asparlai:</u> M1 module (06 class rooms) along with lavatory block & Development works has been agreed. The school has 153 students and 04 teachers.</p> <p>viii. <u>GPS Nar Quli Khan:</u> M7 module (04 class rooms) along with lavatory block & Development works has been agreed. In the existing 03 class rooms, 02 were fully damaged while 01 class room was in good condition and will remain intact. The school has 215 students and 03 teachers.</p>
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		<p>ix. <u>GPS Dadi Wala:</u> M1 module (06 class rooms) along with lavatory block & Development works has been agreed. In the existing 03 class rooms, 02 were fully damaged while 01 class room was in deplorable condition. The school has 196 students and 05 teachers.</p> <p>x. <u>GPS Wanda Machan Khel:</u> M3 module (06 class rooms) along with lavatory block & Development works has been agreed. The existing 02 class rooms were in deplorable condition. The school has 160 students and 03 teachers.</p> <p>xi. <u>GPS Mangala:</u> M3 module (06 class rooms) along with lavatory block & Development works has been agreed. The existing 03 class rooms & office were fully damaged. The school has 146 students and 03 teachers.</p> <p>xii. <u>GPS No.1 Shah Hassan Khel:</u> M3 module (06 class rooms) along with lavatory block & Development works has been agreed. In the existing 04 class rooms, 01 was destroyed, 02 were in deplorable condition while 01 was in good condition and will remain intact. The school has 240 students and 04 teachers.</p> <p>xiii. <u>GMS Ahmad Khel:</u> M1 module (06 class rooms) along with lavatory block & Development works has been agreed. The existing 03 class rooms along with Headmaster office and store were in deplorable condition. The school has 167 students and 05 teachers.</p> <p>xiv. <u>GPS No.2 Ahmad Khel:</u> M4 Module (04 class rooms) has been agreed. The existing 02 class rooms were in acceptable condition which needs renovation and will remain intact. The school has 196 students and 05 teachers.</p> <p>It is worth mentioning that both GMS &GPS are in the same premises.</p>
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		<p>xv. <u>GHSS Serai Naurang:</u> Existing pattern with different option (change in the sizes of class room) shall be worked out and submit to PaRRSA for clearance and onward discussion with Education Department for finalization of civil work scope.</p> <p>2. <u>District Dir Lower</u> One (01) school was discussed & agreed. The school wise details are as under;</p> <p>i. <u>GHS Dherai Talash:</u> M3 Module (06 class rooms), M6 Module (Principal Office, Staff Room, 02 Class Rooms & Examination Hall) along with lavatory block & Development works have been agreed. The existing 06 CR's along with Headmaster Office, Laboratory, Clerk Office and Stores were in deplorable condition. 01 Laboratory and Hall were in good condition and will remain intact. The school has 284 students and 13 teachers.</p>
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ANNEXURE-II

(E-Mails)

S.No.	From	To	Date	Subject
1	QAM (Building) AGES	Chief Infrastructure PaRRSA	Jan 10, 2014	Submission of Draft site/layout plans and photographs of 13 remaining schools CMEP KP
2	QAM (Building) AGES	Chief Infrastructure PaRRSA	Jan 14, 2014	Scope of remaining 07 schools of 61 listed schools CMEP KP
3	QAM (Building) AGES	Chief Infrastructure PaRRSA	Jan 14, 2014	Scope of remaining 07 schools of 173 listed schools CMEP KP
4	QAM (Building) AGES	Chief Infrastructure PaRRSA	Jan 15, 2014	List of Flood & Militancy damaged schools in District Lakki Marwat
5	QAM (Building) AGES	Chief Infrastructure PaRRSA & Engineer USAID	Jan 20, 2014	Final MOM dated Jan 07, 11 & 13 2014 (CMEP-Building Component)
6	QAM (Building) AGES	Engineer USAID	Jan 21, 2014	Quarterly Progress Report ending on December 31, 2013 for CMEP Building Component KP
7	QAM (Building) AGES	Engineer USAID	Jan 28, 2014	Review of Engineer's Estimates of flood PIL having 63 schools, CMEP
8	QAM (Building) AGES	Engineer USAID	Jan 28, 2014	Draft Layout plans of 04 higher secondary schools, CMEP KP
9	QAM (Building) AGES	Engineer USAID	Jan 31, 2014	Corrected EDF of 24 Schools of PIL-28 (Building Component-CMEP)
10	QAM (Building) AGES	Engineer USAID	Feb 05, 2014	Structural Adequacy Certificate of Modules used in 63 schools, CMEP KP
11	QAM (Building) AGES	Engineer USAID	Feb 12, 2014	Monthly Progress Report ending on January 31, 2014 for CMEP Building Component KP
12	QAM (Building) AGES	Chief Infrastructure PaRRSA	Feb 14, 2014	MOM held on February 05, 2014 CMEP Building Component KP
13	QAM (Building) AGES	Afkar Associates	Feb 20, 2014	Meeting on Drawings of GHSS Akbar Pura School District Nowshera

14	QAM (Building) AGES	Chief Infrastructure PaRRSA	Feb 21, 2014	Site Visit Report of GHSS Akbar Pura Dated February 11, 2014
15	QAM (Building) AGES	Engineer USAID	Feb 25, 2014	Submission of milestones summary of 63 schools on new template.
16	QAM (Building) AGES	Chief Infrastructure PaRRSA	Mar 05, 2014	Meeting on Review of Architectural, Structural, Water Supply, Sanitation & Electrical drawings of GHSS Akbarpura
17	QAM (Building) AGES	Chief Infrastructure PaRRSA	Mar 06, 2014	Final MOM on GHSS Akbar Pura held on February 25, 2014 (CMEP-KP)
18	QAM (Building) AGES	Chief Infrastructure PaRRSA	Mar 7, 2014	MOM dated March 04, 2014 (CMEP-KP)
19	QAM (Building) AGES	Chief Infrastructure PaRRSA	Mar 12, 2014	Drawings of GHSS Akbarpura & Actual BOQ's of 63 Schools (Building Component-CMEP)
20	QAM (Building) AGES	USAID & Chief Infrastructure PaRRSA	Mar 13, 2014	MOM dated March 7, 2014 on GHSS Akbar Pura
21	QAM (Building) AGES	USAID & Chief Infrastructure PaRRSA	Mar 14, 2014	MOM on Distt. Lakki Marwat & Dir Lower Schools Dated March 07, 2014
22	QAM (Building) AGES	Engineer USAID	Mar 17, 2014	Monthly Progress Report ending on February 28, 2014 for CMEP Building Component KP.
23	QAM (Building) AGES	Engineer USAID	Mar 18, 2014	Basic Schools Information Required