

**Education Sector Support Programme in Nigeria
(ESSPIN)**

**Design, Construction and Supervision of Water Supply
to Primary Schools in Kaduna, Kano, Kwara, Lagos and
Jigawa States, Nigeria**

Report Number: ESSPIN 309

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- JG Jigawa
- KD Kaduna
- KN Kano
- KW Kwara
- LG Lagos

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Acronyms and Abbreviations

EHC	Environmental Health Clubs
ESSPIN	Education Sector Support Programme in Nigeria
DFID	Department for International Development
DNL	Darl-Hab Nigeria Limited
LGA	Local Government Area
RUWASA	Rural Water Supply and Sanitation Agency
SUBEB	State Universal Basic Education Board
KADWATSAN	Kaduna State Water Supply and Sanitation Project
KWRUWASA	Kwara State Rural Water Supply and Sanitation Agency
UNICEF	United Nations Children Fund

Abstract

1. This report outlines progress to date with regards to the installation of water facilities in selected schools in the five ESSPIN States. The report outlines the main activities to be carried out, the general approach and provides individual progress reports for each of the States.

INTRODUCTION

Project Description

2. The Education Sector Support Programme in Nigeria (ESSPIN) is a DFID funded programme, which is working alongside three other DFID programmes to bring about systemic change in the governance of public services in Nigeria. The programme has four main outputs: (1) to strengthen the governance framework at the Federal level in order to create enabling environment for better basic education; (ii) to strengthen governance and management of education at the state level; (iii) to improve the education service delivery in primary and junior secondary schools (JSS); and (iv) increase capacity for communities and civil society to articulate demand for better quality education.

Purpose of the Consultancy

3. The purpose of the consultancy is to improve access to potable water in 93 primary schools in the five ESSPIN States in the current school year. It is hoped that access to potable water along with improved sanitation facilities will help to:
 - Reduce the disease burden among children, teachers and their families;
 - Provide a healthier learning environment for children
 - Encourage and improve girls attendance at school
 - Help to improve better hygiene practice within the school and the community

Scope of Services

4. The scope covers the management and supervision of the installation of water supplies at 20 schools in the Project States of Jigawa, Kaduna, Kano, Kwara and Lagos States at the first instance.
5. The type of water supply will depend on the situation at the respective sites but it likely they will be in one of the following forms:
 - i) Enhancement of the existing water supply
 - ii) Provision of a hand dug well with lining, well head and handpump
 - iii) Provision of borehole with handpump
 - iv) Provision of solar powered borehole with storage tank (high populated schools)

6. The Sub-Consultants will be required to project manage the implementation programme in partnership with Rural Water Supply and Sanitation Agency (RUWASSA)/ State Universal Primary Education Board (SUBEB) and WASH Unit at LGA level in the project States. The Sub-Consultant will manage a location survey and a hydrogeological survey in order to determine the most appropriate form of water supply at each of the selected sites. The Sub-Consultants will then prepare Bidding Documents, arrange for the floating of tenders, evaluate the tenders and appoint Contractors all in partnership with RUWASSA/SUBEB/WASH Unit. The Sub-Consultants will also be required to supervise the work of the Contractors and certify payment certificates.
7. It is in line with the above scope of service that the Sub-Consultants have developed this strategy and guideline to ensure smooth implementation of the works

Main Activities

8. The main activities with regards to installation of water facilities are as follows:
 1. The development of guidelines for implementation of the contract.
 2. The facilitation of inception meetings at the State level with SUBEB and RUWASA.
 3. Identification of schools selected for intervention.
 4. Collection of baselines data in the selected schools.
 5. Review of hydrogeological data in selected areas in primary schools of the states.
 6. Advertisement of pre-qualification of contractors.
 7. Pre-qualification of competent contractors.
 8. Development of tender documents for floating of tenders.
 9. Evaluation of Tenders submitted by qualified Contractors.
 10. Post evaluation of Contractors.
 11. Development and facilitate administration of Contract Agreements.
 12. Monitoring documentation of processes.
 13. Supervision of construction works.
 14. Formation of environmental health clubs (EHC) in schools.
 15. Formation of water supply maintenance team
 16. Handover of facilities to schools
 17. Documentation and reporting

METHODOLOGY

General Approach

Project Management

9. Darl-Hab Nigeria Limited (DNL) aims to provide consultancy services to facilitate smooth, proper and effective supervision and facilitation of State Rural Water Supply and Sanitation Agencies (RUWASA) to be the Implementing Agencies for the delivery of services through the employment of suitable qualified private sector contractors for the drilling and installation of boreholes.
10. DNL will coordinate activities in the five states through the Project Manager and five other State Consultants (Supervisors), who will support the delivery of services in a timely fashion. The State Supervisors will be resident at ESSPIN State Offices located at Kaduna, Kano, Ilorin, Ikeja and Dutse.

Baseline surveys

11. DNL and RUWASA will conduct a rapid assessment survey of the appropriate technological option that is feasible at each site based on the prevailing situation and make recommendations on the type of design to be implemented.

Collaboration and improve service delivery

12. DNL will facilitate and develop a partnership with State Universal Basic Education Board (SUBEB) and State Rural Water Supply and Sanitation Agencies (RUWASA) in five states.
13. DNL will design technological options and prepare bidding documents and facilitate the RUWASA in each State to process the bids and award of contract.
14. DNL and RUWASA will undertake close supervision to ensure that boreholes drilled attained the appropriate groundwater level and certify for payment by ESSPIN.

Training and Capacity Building

15. DNL /RUWASA/SUBEB will facilitate the establishment of environmental health clubs in 93 schools. There will also be training of artisans in the school on how to carry out routine maintenance on water facilities.

Team Composition

16. The main team composition comprises of the following:

S/No.	Position	Name	Location
1	Managing Director	Engr. Mohammed Iliyas	Kaduna
2	Project Manager	Engr. Ishaku Ziyok	Kaduna
3	Geologist	Huru Joseph	Kaduna
4	Public Health Specialist	Mohammed Kabir	Jigawa
5	Geologist	Abdullahi Mohammed K.	Kano
6	Geologist	Shuwarbis Yoila Bala	Kwara
7	Geologist	Kunle Akanji	Lagos

WORK PROGRESS

Jigawa State

Development of guideline for implementation of the contract

17. In conjunction with SUBEB and RUWASA, DNL developed the implementation guidelines for the project and prepared tender document for Jigawa State.

Kaduna State

Development of guideline for implementation of the contract

18. Similarly, DNL developed the implementation guideline for the project and prepared the tender document for Kaduna State.

Inception Meetings

19. DNL was able to facilitate inception meetings at the Kaduna State Universal Basic Education Board and the Kaduna State Water Supply and Sanitation Project (KADWATSAN). Minutes of meetings were record and attached as annex 1 and annex 2 respectively.

Identify schools selected for intervention.

20. DNL received a list of schools selected for intervention from the ESSPIN office in Kaduna. The criteria for selection of primary schools were based on vulnerability and geographical spread of the local government areas (LGAs). DNL visited the selected schools and collected information based on the situation found in the primary schools. The findings in the schools are summarized in annex 3.

Kano State

Development of guideline for implementation of the contract

21. DNL developed the implementation guideline for the project and commenced the preparation of tender document for Kano State.

Kwara State

Development of guideline for implementation of the contract

22. DNL developed the implementation guideline for the project and commence the preparation of tender document for Kwara State. Sample tender document for Kwara State were being developed.

Inception Meetings

23. DNL was able to facilitate inception meetings at the Kwara State Universal Basic Education Board and the Kwara State Rural Water Supply and Sanitation Agency (KWRUWASA). Minutes of meetings to the respective organizations are attached as annex 4 and annex 5.

Identify schools selected for intervention.

24. DNL received list of schools selected for intervention from the ESSPIN office in Ilorin. The criteria for selection of primary schools were based on geographical spread of the local government areas (LGAs) and need. DNL visited the selected schools and collected information based on the situation found in the primary schools. The findings in the schools are summarized in annex 6.

Lagos State

Development of guideline for implementation of the contract

25. DNL developed the implementation guideline for the project and commence the preparation of tender document for Lagos State. Sample tender document for Lagos State was being developed.

Inception Meetings

26. DNL was able to facilitate inception meetings at the Lagos State Universal Basic Education Board. Minutes of meetings is attached as annex 7. We were informed that there was no agency that handles rural water supply in Lagos State as in the case of other states in Nigeria. It was later discovered that the Ministry of Rural Development Lagos State was handling water supplies in primary school through the support of United Nations Children Fund (UNICEF).

Identify schools selected for intervention.

27. DNL received list of schools selected for intervention from the ESSPIN office in Lagos. We were informed that the Lagos State Government has given a directive that primary schools in urban areas should not use latrines but should be provided with flushing toilets. This is because of the shallow water tables in Lagos State and to reduce the environmental pollution as a result of faeces.
28. DNL visited the selected schools and collected information based on the situation found in the primary schools. The findings in the schools are summarized in annex 8.

Annex 1: Minutes of Meeting held in Kaduna SUBEB Office Kaduna

Place: Kaduna State Universal Basic Education Board		Date: 26/01/10
Time: 11:45 – 12:20 PM		
Purpose: Familiarisation and Sensitisation of the Project		
Attendees		
Name	Organisation	Function
1. Monday Madaki	Kaduna (SUBEB)	Deputy Director Planning and Projects Monitoring
2. Joseph Huru	DarIHab Nig. Ltd.	State Supervisor
3. Ishaku Ziyok	DarIHab Nig. Ltd.	Project Manager
4. Lawrence Onibon	ESSPIN	National Consultant
5. Dick Coppinger	ESSPIN	International Consultant
Comments:		
<ul style="list-style-type: none"> • Various water supply projects are on-going in the schools • No objection to the list submitted for works in the 7 LGAs • Handpumps are most suitable for most parts of the State because of issues around operation and maintenance of the facilities • They have awarded similar water supply and sanitation facilities contracts in the Board under the UBE 2007 project and now they are in the process on awarding the 2008 UBE projects. • They have a list of selected sites for their projects. • Contact person is Mr Bernard 		
Issues /Decisions		Action By
Need for the contact person to join in supervision of baselines surveys		Huru Joseph
Collection of sample tender documents		Ziyok

Annex 2: Minutes of Meeting held in Kaduna Water and Sanitation Project

Place: Kaduna Water and Sanitation Office		Date: 26/01/08
Time: 10:55 – 11:25		
Purpose: Establishment of Contacts and Introduction of Officials		
Attendees		
Name	Organisation	Function
1. James Yaro	KD WATSAN	Project Manager
2. Fias Ben	KD WATSAN	Director PRS
3. Joel N.	KD WATSAN	Geologist
4. Joseph Huru	DarIHab Nig. Ltd.	State Supervisor
5. Ishaku Ziyok	DarIHab Nig. Ltd.	Project Manager
6. Lawrence Onibon	ESSPIN	National Consultant
7. Dick Coppinger	ESSPIN	International Consultant
Comments:		
<ul style="list-style-type: none"> • Existence of partnership with SUBEB on Coordination of works by the Ministry of Water Resources • Geology of Kaduna State is basically Basement, groundwater is obtained at average depths of 25 – 35 metres • Maintenance of rural water facilities is carried through the concept of village level operation and maintenance (VLOM) • Kaduna WATSAN has support from UNICEF in the provision of water and sanitation facilities in schools. They have the capacity to handle <ul style="list-style-type: none"> ○ Tendering process ○ Supervision of works ○ Payment to contractors • Support personnel was suggested to Mr. Joel 		
Issues /Decisions		Action By
Share tender documents available		Ziyok to collect from Fias

Annex 3: Summary of findings on Baseline Survey for Primary Schools in Kaduna State

LGAs	DISTRICTS	NO. OF SCHOOLS	SCHOOLS (1ST)	POPULATION (ENROLLMENT)	NO OF TEACHERS (MALE)	NO OF TEACHERS (FEMALE)	No of Class Rm	NO.SHIFT	STATUS OF LATERINES	RECOMMENDATION
Kachia	Kachia	1	LGEA Rehab	429	3	23	9	Rehab 1 shift	Rehab 1Block of 2 Compartment not in good condition	Recommend hand pump borehole
Kachia	Kachia	1	LGEA Model Kachia	427	7	54	3	Model 2 shift	Kachia Model 2 block of 3 compartment not in good condition and inadequate	Recommend hand pump borehole
Kachia	Kwaturu	1	LGEA Kwaturu	508	7	8	18	Kwaturu 1 shift	No latrine	Recommend hand pump borehole
Kachia	Doka	1	LGEA Fadan Achi	405	5	9	8	Fadan Achi 1 shift	2 block of 2 compartment not in good condition	Recommend hand pump borehole
Kajuru	Kajuru	1	Kajuru Town	702	7	13	25	Kajuru Town 1 shift	2 block latrine not in good condition	LGEA Kajuru town hand pump borehole
Kajuru	Rimau	1	Rimau Gari	679	7	11	7	Rimau gari 1 shift	1 block 3 compartment bad	LGEA Rimau hand pump borehole

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LGAs	DISTRICTS	NO. OF SCHOOLS	SCHOOLS (1ST)	POPULATION (ENROLLMENT)	NO OF TEACHERS (MALE)	NO OF TEACHERS (FEMALE)	No of Class Rm	NO.SHIFT	STATUS OF LATERINES	RECOMMENDATION
Kajuru	Rimau	1	Kurminjuwa	230	4	8	6	Kurminjuwa 1 shift	No laterine	LGEA Kurminjuwa replaces LGEA Panja has 2No functional hand pump borehole
Kaduna North	Doka	2	LGEA Lagos Street,Gwari Road and Muri Road	Gwari RD=121, Lagos str=155, Muri RD=170 Total=446	Muri RD=6 Lagos Str.=14 Gwari Rd=7	Muri RD=67,Lagos Str.=42,Gwari Rd=45	Muri RD=10, Lagos Str.=7,Gwari Rd=14	2 shift	1 block of 7 compactment all are in bad condition and mostly in use	Solar Scheme
Kaduna North	Ugwan Shanu	1	LGEA Ungwan Kanawa	1,052	12	48	20	1 shift	has laterine	LGEA Ungwan Kanawa hand pump borehole
Kudan	Hunkuyi	1	LGEA Domoso	1,561	18	17	12	Domoso 1 shift	LGEA Domoso has laterine are in use	Un completed borehole,require new one
		1	LGEA Maduachi							
Makarfi	Gazara	1	LGEA Gazara	467	30	8	8	Gazara 1 shift	1 block no zinc and is in bad condition	LGEA Gazara hand pump borehole
Makarfi	Makarfi	1	LGEA Ruma	761	22	12	6	LGEA Makarfi II 1 shift	Makarfi has laterine	LGEA Ruma replace LGEA Makarfi II has 2NO functional hand pump borehole

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LGAs	DISTRICTS	NO. OF SCHOOLS	SCHOOLS (1ST)	POPULATION (ENROLLMENT)	NO OF TEACHERS (MALE)	NO OF TEACHERS (FEMALE)	No of Class Rm	NO.SHIFT	STATUS OF LATERINES	RECOMMENDATION
Makarfi	Makarfi	1	LGEA Danguruzuri	887	18	13	9	Danguzuri & Ruma 1 shift	LGEA Danguzuri and LGEA Ruma laterine not in good condition	Hand pumpborehole
Kaura	Kaura	1	LGEA Kaura Model	168	6	8	5	LGEA Kaura & U/Gulu Gado 2 shift	Kaura model not in good condition ,while U/Gulu Gado has newly built laterine that has not being put in use due to non water	LGEA U/Gulu Gado hand pump borehole Kaura model has hand pump borehole
		1	LGEA U/Gulu Gado	132						
		1	UBE Tuyit Kagor	178	8(2)	1(13)	6(6)	2 Shift	U/Rami no laterine they use church laterine and bush Tuyit 1 block only for the teachers	LGEA U/Rami Kagoro hand pump borehole
Kauru	Pari	1	LGEA Ungwan Madaki	304	02-Jan	6	4		No laterine	Rahama has 1No borehole to be replaced by LGEA Ungwan Madaki
		1	LGEA Ikulu Pari	247	4	1	4	1 shift	No laterine	LGEA Ikulu Pari hand pumpborehole recommened

Annex 4: Minutes of meeting held in Kwara SUBEB

Place: Kwara SUBEB Office		Date: 22/01/2009
Time: 12:30 AM – 13:30		
Purpose of Meeting: Introduction of Water Supply Project and Confirmation of Contract Processes		
Attendees		
Name	Organisation	Function
1. Mr. Ojo Marcus	Kwara SUBEB	Director PRS
2. Abdulsalam O. S.	Kwara SUBEB	Project Manager tonileabdussallam@yahoo.com
3. Musa Akanbi	Kwara SUBEB	Musatk2000@yahoo.com
4. Arc. Alabi A. W.	Kwara SUBEB	ahmedawal@yahoo.com
5. Arc. Amnimashaun S. B	Kwara SUBEB	Project Team
6. Zakar Mahmud	Kwara SUBEB	
7. Abdul-Raheem Zifirat Atinuke	Kwara SUBEB	azafirat@yahoo.com
8. Mohammed Abdulrahman	Kwara SUBEB	
9. Katherine Adeyemi	ESSPIN	Team Leader
10. Dick Coppinger	ESSPIN	International Consultant
11. Nijel Wakeham	ESSPIN	International Consultant
12. Akogwu Daniel	ESSPIN	National Consultant
13. Bala Yoila	DarIHab Nig. Ltd.	Kwara State Water Supply Supervisor
14. Ziyok Ishaku	DarIHab Nig. Ltd	Project Manager
Comments:		
<ul style="list-style-type: none"> • Use of UNICEF approach for water supply in schools and community management can be considered • SUBEB have not implemented Water Supply projects • SUBEB have experiences in terms of Procurement process • Link person is Abdul-Raheem Zifirat Atinuke – 08034452111 • Mr. Ojo to share drawings and BOQs for Water Supply options • A project team have been assemble by SUBEB Management for Projects in SUBEB • Payments for contracts have about 8 desk to stopped at for approvals and processing, it may take about two weeks for payment be made to contractors. 		
Issues /Decisions		Action By
Sharing of Drawing and BOQs		Director PRS
Link person is Abdul-Raheem Zifirat Atinuke		
Visit schools for Baseline collection will commence on Monday 26 th January, 2010		Yoila Bala Shuwarbis

Annex 5: Minutes of Meeting held at Kwara RUWASA

Place: Kwara RUWASA Office Ilorin		Date: 22/01/2009
Time: 9:00 AM – 10:00		
Purpose of Meeting: Introduction of Water Supply Project and Confirmation of Contract Processes		
Attendees		
Name	Organisation	Function
1. Sulyman Ibrahim	Kwara RUWASA	General Manager
2. Abubakar Abdullahi	Kwara RUWASA	Administrative Officer
3. Dick Coppinger	ESSPIN Consultant	International Consultant
4. Nijel Wakeham	ESSPIN Consultant	International Consultant
5. Akogwu Daniel	ESSPIN Consultant	National Consultant
6. Ziyok Ishaku	DarHab Nig. Ltd	Project Manager
Comments:		
<ul style="list-style-type: none"> • Geology of Kwara State is divided in to two, 14 LGA are on the Basement Complex terrain with aquifer at 35 -45 m and Sedimentary terrain in 2 LGA. • The collaboration between SUBEB and RUWASA is weak. • Groundwater quality is relatively potable for drinking and recommended for drinking. Few areas have high iron content • Drilling rigs are being managed by 2 Consultants • Each LGA have a WASH Unit and are in charge of operation and maintenance of facilities in rural areas • VLOM are being established for most water supply projects in the communities. 		
Issues /Decisions		Action By
Further discussions in terms of collecting data for hydrogeological studies		Yoila/Ziyok
Formation of Environmental Health Clubs in Schools are being carried out by RUWASSA		Ziyok
Involvement of RUWASSA in capacity building RUWASSA has capacity for building Artisan in terms of training in operation and maintenance		Ziyok
Collection of Address about Water supply specialist in Kwara		Yoila to follow-up

Annex 6 Summary of Finding on Baseline Survey for Primary Schools in Kwara State

Name of School	LGA	No. of students		No. of Teachers	No. of classrooms	Source of Water	No. of latrines	No. of Head Teacher	Phone contact	Remarks
		Boys	Girls							
St. Cyprian pri. Sch. Eruku	Ekiti	86	66	2 M, 5F	16	None	2 units of pit	-	08084379217 , 08053357902	The latrine was built on water way, hence, abandoned. Hand pump is appropriate.
SDA sch. I Osi	Ekiti	130	90	2 M, 11F	6	None	None	Julius Bamidele	08030814517	Hand pump most appropriate.
SDA sch. II Osi	Ekiti	69	58	2 males	6	None	None	Mrs. Grace I. Oni	08060282617	To share facility with sch I (located within the same premises).
St. Andrew sch Oro	Irerodu n	163	192	4 M,58F	17	None	None	Mrs. F. D. Jayeola	8030774564	Located within a large catholic comm. Compound. Any of the water schemes can be supported.
Comm. LGEA sch Oke Onigbin	Isin		212 B	6 M	12	None	2 units of pit	Mrs. Akinduyo C. O	8066426076	MDG motorized borehole sunk but not completed since Sept 2009. Suggest that we wait and investigate.
			240 G	28 F						
St. Joseph B Odo Owa	Oke Ero		202B	4 M	7	None	None	Past. J A Olajide	8062640910	LNRBRA drilled 2 boreholes with overhead tank in place but abortive. A hand pump can be tried.
			225 G	21 F						

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Name of School	LGA	No. of students		No. of Teachers	No. of classrooms	Source of Water	No. of latrines	No. of Head Teacher	Phone contact	Remarks
		Boys	Girls							
Taoheed LGEA sch, Offa	Offa		23 B	1 M	8	None	3 pit latrines	Salami Odesina	8078541858	Formerly a private sch, but govt. took over last year. Hand pump is recommended
			27 G	7 F						
Baptist LGEA sch, Ipee	Oyun		85 B	3 M	14	None	4 pit latrines	Ogunlade S. O.	7032168038	Have steady power supply nearby, a functional motorized BH less than 300 m from the school. Any water scheme can work.
			86 G	27 F						
LGEA sch. A Ipata	Ilorin East		200 B	11 M	12	None	2 units of pit latrines	Alh. Harun	8063959518	Have tap water in the past but not functional for long.
			174 G	16 F						
LGEA sch. B. Ipata	Ilorin East		136 B	6 M	12	None	Shared	Mrs. T. A. Kareem	7089242671	Share facility with school A as they are within the same premises
			170 G	21 F						
Ansarul Islam LGEA sch.A Oke Aluko	Ilorin South		400 B	12 M	16	None	3 units	Mrs. Murtala	8032170990	Motorized borehole would have been most suitable due to the large population, but teachers complained that the sch cannot sustain cost of fueling. Except solar powered, two hand pumps should be drilled
			379 G	32 F						

Name of School	LGA	No. of students		No. of Teachers	No. of classrooms	Source of Water	No. of latrines	No. of Head Teacher	Phone contact	Remarks
		Boys	Girls							
Ansarul Islam LGEA sch.B Oke Aluko	Ilorin South		214 B	9 M	10	None	Shared	Mrs. Mai-yaki	8035793959	Share facility with school A as they are all located within the same premises.
			200 G	31 F						
LGEA sch, Bi Ala	Moro		54 B	7 M	5	None	None	Ishola Raheem	8033080915	There is motorized borehole and latrines under construction within the school. This sch may have to be suspended for now to avoid duplication.
			62 G	2 F						
LGEA Ejidongari	Moro		97 B	9 M	6	None	6 pits	Salihu N Ndaku	8065899092	UNICEF drilled a borehole within the sch, but was abortive. An attempt can be made for hand pump.
			66 G	2 F						
LGEA sch, Barakat	Ilorin West		479 B	13 M	17	None	3 units			There is a productive well (7m) just outside the sch premises. A motorized borehole or two hand pumps is recommended.
			680 G	32 F						
LGEA Alapa	Asa		146 B	14 M	14	Tap but very erratic	None	Raji Jida	8032353596	There is tap but sometimes takes weeks before they see water. A hand pump can sustain this school.
			151 G	32 F						

Name of School	LGA	No. of students		No. of Teachers	No. of classrooms	Source of Water	No. of latrines	No. of Head Teacher	Phone contact	Remarks
		Boys	Girls							
LGEA sch, Lade	Patigi		529 B	14 M	12	None	3 pits	Ibrahim Deko	08138221096 , 08081720378	The pits were constructed through self effort and in poor condition. A motorized borehole or two hand pumps is recommended.
			375 G	15 F						
Central sch, Lafaiji	Edu		253 B	25 M	18	Hand dug well	3 pits	Helen Alabi	8060019550	There is a productive shallow well of about 7 m. Hand pump can serve the purpose.
			263 G	21 F						
LGEA sch Dzamata Lafaiji	Edu		355	31	26	Hand dug well and a hand pump	2 pits	Zainab A Abdullahi	8036115908	The hand pump is not functioning properly. This can be rehabilitated and an additional one sank.
			364	13						

Annex 7 Minutes of meeting at Lagos SUBEB

Place: ESSPIN SUBEB Office		Date: 21/01/2009																											
Time: 9:30 AM – 10:30																													
Purpose of Meeting: Introduction of Water Supply Project and Confirmation of Contract Processes																													
Attendees																													
<table border="1"> <thead> <tr> <th>Name</th> <th>Organisation</th> <th>Function</th> </tr> </thead> <tbody> <tr> <td>1. Mrs. Gbolahan K. Daodu</td> <td>Lagos SUBEB</td> <td>Chairman</td> </tr> <tr> <td>2. Engr. L. S. Oduntan</td> <td>Lagos SUBEB</td> <td>Asst. Director Projects</td> </tr> <tr> <td>3. Nurudeen Lawal</td> <td>ESSPIN Lagos</td> <td>Education Quality Specialist</td> </tr> <tr> <td>4. Dick Coppinger</td> <td>ESSPIN</td> <td>International Consultant</td> </tr> <tr> <td>5. Nijel Wakeham</td> <td>ESSPIN</td> <td>International Consultant</td> </tr> <tr> <td>6. Akogwu Daniel</td> <td>ESSPIN</td> <td>National Consultant</td> </tr> <tr> <td>7. Tunde Akanji</td> <td>DarIHab Nig. Ltd.</td> <td>Lagos State Water Supply Supervisor</td> </tr> <tr> <td>8. Ziyok Ishaku</td> <td>DarIHab Nig. Ltd</td> <td>Project Manager</td> </tr> </tbody> </table>			Name	Organisation	Function	1. Mrs. Gbolahan K. Daodu	Lagos SUBEB	Chairman	2. Engr. L. S. Oduntan	Lagos SUBEB	Asst. Director Projects	3. Nurudeen Lawal	ESSPIN Lagos	Education Quality Specialist	4. Dick Coppinger	ESSPIN	International Consultant	5. Nijel Wakeham	ESSPIN	International Consultant	6. Akogwu Daniel	ESSPIN	National Consultant	7. Tunde Akanji	DarIHab Nig. Ltd.	Lagos State Water Supply Supervisor	8. Ziyok Ishaku	DarIHab Nig. Ltd	Project Manager
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Comments: <ul style="list-style-type: none"> • Need to consider geographical spread in the selection of Schools in Lagos State • Spread to reach rural areas • The technological option of handpump is not practicable in Lagos State as they Schools will require Toilet not Latrine. Government is also supporting the building of toilets. • Need for use of motorized schemes in Lagos State • Use of TYPE A technological options in schools 																													
Issues /Decisions		Action By																											
Need to clear plans for operation and maintenance by SUBEB		Chairman SUBEB																											
SUBEB to share technical detail on the TYPE A option		Assistant Director (SUBEB)																											
Share list of schools selected to ESSPIN and DarIhab		Nurudeen Lawal																											
Visit schools for Baseline collection		Tunde Akanji																											

Annex 8 Summary of findings for Baseline Survey of Primary Schools in Lagos State

S.no	Name of Primary School	LGA	Population						Findings	Recommendations
			Pupils			Teachers				
			M	F	T	M	F	T		
01	CPS Iberikodo	Ibeju Lekki	168	176	244	04	05	09	Nil	Rehabilitation
02	Agidigbi PS	Ikeja	155	187	342	01	16	17	Ok	Water available
03	AUD Itire	Mushin								Not applicable
04	L. A. Bale Street	Ajeromi	449	486	935	05	16	21	Nil	Needs water
05	Irepodun	Agege	521	524	1024	28	04	32	Ok	Water available
06	AUD Osholake	Mainland								Not applicable
07	L.G. Egan	Alimosho	288	281	569	0	13	13	Ok	Needs water
08	Ifesowapo/ Aboru	Alimashon	442	479	921	01	12	13	Nil	Needs water
09	ST Theresa Catholic	Apapa	262	280	542	01	14	15	Nil	Needs water
10	State PS Apapa	Apapa	200	201	401	0	17	17	Rep	Needs water
11	5Th Avenue	Amuwo	123	252	375	0	11	11	Repair	Rehabilitation
12	ST Kizito	Ifako	-	-	-				-	Not applicable
13	CPS Erepeto	Epe	583	652	1610	08	26	34	Nil	Needs water
14	Ewu	Oshodi	157	194	351	01	13	14	Nil	Needs water
15	Duro Oyedoyin	Surulere	342	384	726	02	30	32	Ok	Water available
16	C&C P/S	Ikorodu	967	950	1917	10	36	46	Nil	Needs water
17	Adeife	Somolu	-	-	-				-	Not applicable
18	AUI Olushi	Lagos	0	193	193	03	06	09	Repair	Rehabilitation
19	Itedo	Etiosa	230	330	560	05	07	12	Ok	Water available
20	L. A. Iba	Ojo							Repair	Needs rehabilitation and more water
21	Alaworo	Ojo								Water available
22	L. A Apa	Badagry								Water available
23	Anglican	Aradagu								Water available