

## **TERMS OF REFERENCE for**

### **ESTABLISHMENT OF A LONG-TERM ARRANGEMENT TO IMPLEMENT THE PROJECT GIGA “ ACCELERATE” SCHOOL CONNECTIVITY IN SIERRA LEONE**

#### **1. BACKGROUND**

The fundamental mission of UNICEF is to promote the rights of every child, everywhere, in everything the organization does — in programs, in advocacy and in operations. The equity strategy, emphasizing the most disadvantaged and excluded children and families, translates this commitment to children’s rights into action. For UNICEF, equity means that all children have an opportunity to survive, develop and reach their full potential, without discrimination, bias or favoritism. To the degree that any child has an unequal chance in life — in its social, political, economic, civic and cultural dimensions — her or his rights are violated. There is growing evidence that investing in the health, education and protection of a society’s most disadvantaged citizens — addressing inequity — not only will give all children the opportunity to fulfill their potential but also will lead to sustained growth and stability of countries. This is why the focus on equity is so vital. It accelerates progress towards realizing the human rights of all children, which is the universal mandate of UNICEF, as outlined by the Convention on the Rights of the Child, while also supporting the equitable development of nations.

Since 2014, UNICEF Sierra Leone has been championing the use of innovation and technology to help identify and address the issues that affect the children and women of Sierra Leone. Work done over the past 6 years has established UNICEF Sierra Leone as the leading agency for innovative and technology based programming to help deliver results for children in Sierra Leone.

In 2018, the Government of Sierra Leone established a new Directorate of Science, Technology and Innovation (DSTI). DSTI’s mandate is to use Science, Technology and Innovation to support the Government of Sierra Leone to deliver on its national development plan effectively and efficiently; and to help transform Sierra Leone into an innovation and entrepreneurship hub. UNICEF Sierra Leone has already established a workplan with DSTI to promote and enable the use of Innovation in Sierra Leone for improved results for children.

Since 2019, the Government of Sierra Leone has been a member of Project Giga, a global UNICEF-ITU initiative to connect every school to the Internet, to enable every young person to access information, opportunity, and choice.

Project Giga aims to expand connectivity through its focus on four main pillars of work:

- 1) Map: identifying the locations and connectivity status of every school and determining connectivity gaps;
- 2) Connect: supporting the expansion of safe, secure, reliable, fit-for-purpose infrastructure to support future digital development needs;
- 3) Finance: building affordable and sustainable country-specific models for finance.
- 4) Empower: deploying open-source digital solutions and ensure young people and communities leverage connectivity to reach their full potential.

The Giga approach to expanding school connectivity includes consideration of the role that laws, policies and regulation have on the commercial feasibility of various connectivity approaches and options. Giga also considers how innovative uses of technology and business models can help close connectivity gaps.

Giga Accelerate is an initiative, part of the Giga partnership, that explores the provision of broadband connectivity solutions to schools in order to fast-track governments' universal connectivity programmes by testing the following:

- 1) high frequency data to monitor quality of connectivity service,
- 2) procurement models,
- 3) demand aggregation,
- 4) new and diverse technologies,
- 5) sustainable business models, and other approaches that will help augment and inform national connectivity programmes.

UNICEF Sierra Leone wish to contract one or more Internet Service Providers to support the implementation of pillar number 2: "Connect", as outlined above, under a long-term agreement (LTA) for a period of 2 years renewable for 1 more year subject to satisfactory performance of services.

## **2. OBJECTIVES, PURPOSE & EXPECTED RESULTS**

The overall objective of this specific service provision is:

To enable the design, planning and establishment of innovative, reliable and affordable solutions to provide continuous Internet connectivity to schools in Sierra Leone, including all necessary related maintenance services.

To develop sustainable business models for school connectivity

The designated school locations are listed in Annex A and are divided into 4 lots of 30 schools.

Depending on the technical viability, cost, and proposed business model, a bidder may be awarded up to a maximum of 2 Lots of schools. Further, UNICEF may, at a later date, choose to expand the contract to include more schools.

The expected result(s) of this initial phase shall be to develop and deploy innovative and affordable solutions to provide Internet connectivity to a minimum of 30 schools per lot with reliable and sustainable broadband internet service for and initial 12 months, along with the proposal of a business model for sustainability that could, for instance, allow the school to monetize the connectivity to fund its sustainability.

It is further noted that Giga will extract insights from the newly installed connectivity services, procurement processes and business model, that will inform further collaboration and further school connectivity with the Government of Sierra Leone.

### 3. DESCRIPTION OF THE ASSIGNMENT

The contractor must provide internet connectivity services with the below parameters for a minimum duration of 12 months, subject to further extensions for the period of the LTA.

- Ensure the provision of reliable and continuous high-speed internet connectivity services, including backhauling and internal provisioning through at least one Access Point per school and servicing with unlimited data volume. The bandwidth must be a constant minimum of 20 Megabits per second (Mbps) of download speed and 10 Mbps of upload speed, per school.
- Install at least one vendor-neutral Internet Access Point with a minimum of 100-meter coverage radius for at least 200 concurrent users, per school.
- Deploy adequate power supply and protection equipment for all active connectivity equipment, per school.
- Centrally manage administration of the installed network, including filtering of content, with particular note to for child online protection (as a reference providers can access the ITU Guidelines on Child Online Protection here: <https://www.itu.int/en/ITU-D/Cybersecurity/Pages/COP.aspx>).
- Provide and share with UNICEF real-time monitoring of all access points and networks at individual school level via an API. (KPIs include, but not limited to,; connectivity status, upload and download speeds, latency, packet loss, up and down time, etc.).
- Ensure maximum availability of connectivity by ensuring availability of required vendor neutral connectivity equipment and through the maintenance or replacement of the equipment for a minimum duration of the LTA.
- Provide proven basic training on the installed connectivity solution to at least two designated focal points, per school.
- Provide dedicated technical support through a central point of contact to address technical issues within agreed SLAs.
- Propose a commercially sustainable business model for participating schools to monetize the connectivity in order to fund the sustainability of the connectivity services.

- Support the Implementation of the proposed business model in an agreed subset of the preidentified schools.

UNICEF will only pay for the last-mile equipment necessary to connect schools and monthly service fees. Backhaul costs should be built into the monthly service provision cost. In case solution providers do not own backhaul infrastructure, they must clearly demonstrate they have established partnership(s) with backhaul infrastructure owners which specific agreed upon usage rates which can accomodate the project requirements.

#### 4. DELIVERABLES

- Implementation plan: Submission of a detailed plan for the rollout of the proposed solution for each school in an awarded Lot. The plan should include:
  - Clear timelines for when each school shall be connected,
  - Details of the technologies to be used for each school, including hardware.
  - Listing of a dedicated fixed IP address per school.
  - Specification of API (or otherwise) details for the provision of the real-time monitoring of all access points and networks at individual school level. (KPIs include, but not limited to,: connectivity status, upload and download speeds, latency, packet loss, up and down time, etc.).
  - Planned basic training agenda on the installed connectivity solution for school level focal points.
  - Detailed rollout strategy for proposed commercially sustainable business model to monetize the connectivity in order to fund the sustainability of the connectivity services.
- Equipment Procurement : Procurement and designation of all required equipment to fully complete the project. A procurement plan including sources of such procurements, potential brands and standards to be provided.
- Installation and Deployment of connectivity :
  - Installation and provisioning of the connectivity equipment and testing of connectivity services at school level.
  - Deployment of training for school level focal points.
- Monthly connectivity service 1
  - Service charges for bandwidth (Month1 – Month6)
- Monthly connectivity service 2
  - Service charges for bandwidth (Month7 – Month12)



## 5. REPORTING REQUIREMENTS

Below are the minimum required reporting mechanisms for the project :

- Implementation plan – as detailed in deliverables. Soft and hard copy.
- Equipment Procurement report. Soft and hard copy.
- API level real time monitoring access.
- Final Project Report. Soft and hard copy.

## 6. LOCATION AND DURATION

Location: Attached in Annex 1 is the list of schools (120) to be connected, set out in 4 lots of 30 schools.

Duration: The duration of the LTA is for for a minimum period of 2 years with a possibility of extension of 1 more year based on positive evaluation.

## 7. QUALIFICATION REQUIREMENTS

A successful bidder should fulfill the minimum requirements below:

- ✓ Bidders for this project should have a minimum of 5 years of experience in the delivery of reliable and continuous internet connectivity services and be authorized to legally operate and provide Internet connectivity services in Sierra Leone.
- ✓ Bidders for this project should have proven technical skills and experience of implementing projects of a similar national scale and complexity. Samples of work and information on the implementation of similar projects in proposal is required.
- ✓ The solution provider should own or have access to middle mile telecommunications infrastructure (backhaul) and have the ability to extend it to all the school locations listed in the Annex.
- ✓

To be compliant the successful bidder must submit:

- ✓ The Business Registration.
- ✓ The valid NRA and NASSIT.
- ✓ Proof of Legal Authorization to provide connectivity related services in SL.

In case of the award the service provider will have to submit in addition of the above:



- ✓ **UNGM Number**
- ✓ **Financial statements (audited if possible) for the last 2 years**

## 8. EVALUATION PROCESS AND METHODS

Bidders are expected to submit both Technical and Financial proposals (separately). The criteria for evaluation are summarized below and will be scored using a ratio between the technical and the commercial criteria of 70:30 (technical/commercial). Sum of technical and commercial will equal to 100 points.

Item	Technical Evaluation Criteria	Max. Points
1	Overall Response e.g. the understanding of the assignment by the proposer and the alignment of the proposal submitted with the ToR	<u>5</u>
1.1	Completeness of response	2.5
1.2	Overall concord between RFP requirements and proposal	2.5
2	Company and Key Personnel	<u>20</u>
2.1	Range and depth of organizational experience with similar projects	5
2.2	Samples of previous work	8
2.3	Key personnel: relevant experience and qualifications of the proposed team for the assignment	7
3	Proposed Methodology and Approach e.g. Work plan showing detail sampling methods, project implementation plan in line with the project	<u>45</u>
3.1	Proposed work plan and approach of implementation of the tasks as per the ToR	20
3.2	Implementation strategies, monitoring and evaluation, quality control mechanism	15
3.3	Innovative approach	10
	<b>TOTAL TECHNICAL SCORES</b>	<b>70</b>

### 8.1 Technical Evaluation Criteria

Technical offers will be scored out of **70 points**. Offers with scores less than 49/70 will be disqualified. A reference check and site visit will be conducted on companies meeting the minimum technical requirements.

### 8.2 Financial Proposal Structure

Bidders are expected to submit their estimated costs for each school in a proposed lot. The break down should include:



- Capital Costs:
  - Connectivity infrastructure – hardware.
  - Connectivity infrastructure – power supply (if any).
- Installation and set up cost.
- Training costs (if any).
- Operational costs:
  - Bandwidth provision costs – monthly rate.
  - Maintainense and support costs (if any).
- Other associated costs (if any).

**A financial template with the above detail is provided in Annex 2.**

*Financial offers will be scored out of **30 points**. 30 points will be allocated to the lowest offers among the technical acceptable offers. All other price proposals receive scores in inverse proportion according to the following formula:*

$$\text{Score for price A} = (30 * \text{Price of lowest priced proposal}) / \text{Price of proposal A}$$

## 9. ADMINISTRATIVE ISSUES

- All administrative/travel and custom charges should be borne by the service provider.
- Bidder should provide an all-inclusive cost in the financial proposal, factoring in all cost implications, materials, equipment and others for the required service / assignment, with details of budget line items
- The selected service provider will assign a dedicated Account Representative available to interface directly with authorized staff to address and/or resolve account issues
- The provider shall meet periodically with the (Contract Manager or Service Level Manager), to discuss issues of mutual concern, to review the vendor's performance and to discuss improvements which the provider should make in order to achieve more effective services and support.
- References from other clients must include contact person for reference check.

## 10. PROJECT MANAGEMENT

The contract will be supervised by the Innovation Specialist at UNICEF Sierra Leone, or by another designated officer of UNICEF Sierra Leone.

## 11. PAYMENT SCHEDULE

- Implementation plan & Equipment Procurement : Payment for approved, vendor neutral, hardware along with apporved implemntaton plan.



- Installation and Deployment of connectivity: Payment of setup/installation charges after confirmed connectivity initialisation (subject to API level access point monitoring).
- Monthly connectivity/service 1 : Payment of connectivity/service charge after 6 months of service delivery.
- Monthly connectivity/service 2 : Payment of connectivity/service charge after 11 months of service delivery.

**BUDGET : ESTIMATION OF COSTS + WBS + GRANT**

WBS : 3900/A0/08/880/005  
Grant : SC200857

Prepared by (Unit/Section):

**Shane O'Connor**  
Innovation Specialist  
UNICEF Sierra Leone

Validated by (Budget Owner/ Section):

Reviewed by Supply Manager:

4.8.21



04.08.2021

Approved by Dep Rep Programs:

**ANNEX 1**  
**(soft copies will be made available).**  
**Schools to be connected – Lot 1.**

Lot ID	Region	District	Council	Chiefdom	School_type	School_name	Idemis_code	Latitude	Longitude	Technology	Distance(km) to fiber optic	Electricity
1.1	WESTERN	WESTERN AREA RURAL	WESTERN AREA RURAL DISTRICT	WATERLOO RURAL	Primary	RURAL EDUCATION COMMITTEE INFANT PRIMARY SCHOOL	410302201	8.385311	-13.13621	2G & 3G & 4G	10	No Electricity
1.2	WESTERN	WESTERN AREA URBAN	FREETOWN CTY	WEST II	Pre-Primary	CARDIFF COMMUNITY PRE SCHOOL	420802101	8.454095	-13.24117	2G	10	Grid
1.3	WESTERN	WESTERN AREA URBAN	FREETOWN CTY	EAST III	Primary	KOSSY INFANTS PRIMARY MUNICIPAL SCHOOL	420516225	8.467047	-13.19356	2G & 3G & 4G	10	No Electricity
1.4	WESTERN	WESTERN AREA URBAN	FREETOWN CTY	EAST I	Primary	SIERRA LEONE MUSLIM BROTHERHOOD	420404206	8.487369	-13.21994	2G & 3G	10	No Electricity
1.5	WESTERN	WESTERN AREA URBAN	FREETOWN CTY	EAST III	Junior Secondary	GOVERNMENT INDEPENDENCE MEMORIAL I.S.S.	420514302	8.475827	-13.18853	2G & 3G	10	Generator
1.6	NORTH WESTERN	PORT LOKO	PORT LOKO DISTRICT	BUREH	Primary	DISTRICT EDUCATION COMMITTEE PRIMARY SCHOOL	240102213	8.875115	-12.78117	2G	10	No Electricity
1.7	NORTH WESTERN	KAMBIA	KAMBIA DISTRICT	MAGBEMA	Primary	KAMBIA DISTRICT COUNCIL PRIMARY JUNIOR	220805223	9.03206	-12.90632	2G	10	No Electricity
1.8	NORTH WESTERN	KAMBIA	KAMBIA DISTRICT	MAGBEMA	Pre-Primary	KHULAFU RASHIDEEN PREPRIMARY SCHOOL ROKUPA	220301208	9.017191	-12.94425	2G	10	No Electricity
1.9	NORTHERN	TONKOLU	TONKOLU DISTRICT	YONI MAMALA	Primary	TDC PRI SCH ROCHEN JUNCTION	251105209	8.408298	-12.19227	2G & 3G	10	No Electricity
1.10	EASTERN	KENEMA	KENEMA DISTRICT	NONGOWA	Primary	KENEMA DISTRICT EDUCATION COMMITTEE PRIMARY	121202203	7.939955	-11.10269	2G	10	No Electricity
1.11	EASTERN	KENEMA	KENEMA DISTRICT	SMALL BO	Primary	ROSERETTA COMMUNITY PRIMARY SCHOOL	121403201	7.851374	-11.22582	2G & 3G	10	No Electricity
1.12	EASTERN	KENEMA	KENEMA DISTRICT	SMALL BO	Primary	KENEMA DISTRICT COUNCIL EDUCATION SCHOOL X. M. D. E. C	121403321	7.868495	-11.30543	2G	10	No Electricity
1.13	SOUTHERN	BO	BO DISTRICT	TIKONKO	Primary	BO DISTRICT EDUCATION COMMITTEE PRIMARY	311301205	7.866719	-11.74982	2G	10	No Electricity
1.14	SOUTHERN	BO	BO CTY	BO CTY	Primary	SLMB CORONATION FIELD TOWN	319102232	7.956648	-11.74004	2G & 3G & 4G	10	No Electricity
1.15	NORTH WESTERN	PORT LOKO	PORT LOKO DISTRICT	ROMENDE	Primary	DISTRICT COUNCIL PRIMARY SCHOOL BUTA TOWN	240201201	8.822221	-12.49566	2G	20	No Electricity
1.16	NORTH WESTERN	PORT LOKO	PORT LOKO DISTRICT	THAINKATOPA	Primary	DISTRICT EDUCATION COMMITTEE PRIMARY SCHOOL	241102220	8.868154	-12.58709	2G	20	No Electricity
1.17	EASTERN	KONO	KONO DISTRICT	SANDOR	Primary	KONO DISTRICT EDUCATION COMMITTEE PRIMARY SCHOOL	131105213	8.792953	-10.98276	2G	20	No Electricity
1.18	EASTERN	KENEMA	KENEMA DISTRICT	KOYA	Primary	KENEMA DISTRICT COUNCIL PRIMARY	120601213	7.641705	-11.261	2G	20	No Electricity
1.19	SOUTHERN	PUEHUN	PUEHUN DISTRICT	BARRI	Primary	PUEHUN DISTRICT COUNCIL PRIMARY SCHOOL	340103208	7.367999	-11.4206	2G	20	No Electricity
1.20	NORTH WESTERN	KAMBIA	KAMBIA DISTRICT	TONKO LIMBA	Primary	KAMBIA DISTRICT COUNCIL PRIMARY SCHOOL	220701214	9.214491	-12.71528	2G	30	No Electricity
1.21	NORTHERN	BOMBALI	BOMBALI DISTRICT	NGOWAHUN	Primary	BOMBALI DISTRICT EDUCATION COMMITTEE PRIMARY SCHOOL	210403205	9.094929	-12.0502	2G	30	No Electricity
1.22	SOUTHERN	BO	BO DISTRICT	VALLUNA	Primary	BO DISTRICT EDUCATION COMMITTEE PRIMARY SCHOOL	311401208	8.212507	-11.66099	2G	30	No Electricity
1.23	NORTHERN	BOMBALI	BOMBALI DISTRICT	MAGBAMBA NDOWAHUN	Primary	BOMBALI DISTRICT EDUCATION COMMITTEE PRIMARY SCHOOL	210601208	9.184454	-12.148	2G	40	No Electricity
1.24	SOUTHERN	PUEHUN	PUEHUN DISTRICT	KPANGA	Primary	ROMAN CATHOLIC PRIMARY	340701212	7.479942	-11.62235	2G	40	No Electricity
1.25	NORTHERN	FALABA	FALABA DISTRICT	SULUMA	Primary	DISTRICT EDUCATION COUNCIL PRIMARY SCHOOL	230901212	9.81315	-11.26107	2G	over 40km	No Electricity
1.26	NORTHERN	FALABA	FALABA DISTRICT	DEMUELIA SINKUNJA	Junior Secondary	SANU ANSARU JUNIOR SECONDARY SCHOOL	230101302	9.919482	-11.45265	2G	over 40km	No Electricity
1.27	NORTHERN	KONADUGU	KONADUGU DISTRICT	WARA WARA YAGALA	Junior Secondary	KABALA SECONDARY SCHOOL JUNIOR	231101301	9.576936	-11.554	2G & 3G	over 40km	No Electricity
1.28	NORTHERN	KONADUGU	KONADUGU DISTRICT	GBONKOBON GBONKOBON KAYAKA	Primary	DISTRICT EDUCATION COMMITTEE PRIMARY SCHOOL	230402202	9.448246	-11.78998	2G	over 40km	No Electricity
1.29	NORTHERN	KONADUGU	KONADUGU DISTRICT	NIBENI	Primary	KABALA DISTRICT EDUCATION COUNCIL PRIMARY SCHOOL	230702225	9.111621	-11.27246	2G	over 40km	No Electricity
1.30	SOUTHERN	MOYAMBA	MOYAMBA DISTRICT	KAGBORO	Primary	MOYAMBA DISTRICT EDUCATION COMMITTEE PRIMARY SCHOOL BENDU WHARF	330503201	7.858736	-12.89118	2G	over 40km	No Electricity



## Schools to be connected – Lot 2.

LotID	Region	District	Council	Chiefdom	School_type	School_name	Idemis_code	Latitude	Longitude	Technology	Distance(km) to fiber optic	Electricity
2.1	WESTERN	WESTERN AREA RURAL	WESTERN AREA RURAL DISTRICT	YORK RURAL	Pre-Primary	RURAL EDUCATION COMMITTEE PRETTY SCHOOL	410407425	8.415971	-13.26684	2G & 3G	10	No Electricity
2.2	WESTERN	WESTERN AREA URBAN	FREETOWN CITY	WEST II	Senior Secondary	GOVERNMENT SECONDARY TECHNICAL SCHOOL S.S.S	420702406	8.478138	-13.25531	2G & 3G & 4G	10	Grid
2.3	WESTERN	WESTERN AREA URBAN	FREETOWN CITY	EAST III	Primary	BISHOP HUMPER U.M.C PRIMARY SCHOOL	420505208	8.437452	-13.17002	2G	10	No Electricity
2.4	WESTERN	WESTERN AREA URBAN	FREETOWN CITY	WEST III	Junior Secondary	LIREM JUNIOR SECONDARY SCHOOL	420808302	8.449484	-13.25776	2G & 3G	10	No Electricity
2.5	WESTERN	WESTERN AREA RURAL	WESTERN AREA RURAL DISTRICT	WATERLOO RURAL	Pre-Primary	RURAL EDUCATION COMMITTEE	410302205	8.39018	-13.14701	2G & 3G & 4G	10	No Electricity
2.6	NORTH WES	PORT LOKO	PORT LOKO DISTRICT	KOYA	Junior Secondary	THE DAVID JUNIOR SECONDARY SCHOOL	240501303	8.432822	-12.87892	2G & 3G	10	Solar
2.7	NORTH WES	PORT LOKO	PORT LOKO DISTRICT	BAKEH LOKO	Primary	DISTRICT EDUCATION COMMITTEE PRIMARY SCHOOL	240706215	8.440237	-12.8943	2G	10	No Electricity
2.8	NORTH WES	PORT LOKO	PORT LOKO DISTRICT	MAFORJI	Primary	D.E.C PRIMARY SCHOOL	240703203	8.720665	-12.6616	2G	10	No Electricity
2.9	NORTHERN	TOKOLU	TOKOLU DISTRICT	YONI MAMAILA	Primary	TOKOLU DISTRICT COUNCIL PRIMARY SCHOOL	251107219	8.327013	-12.09345	2G & 3G	10	No Electricity
2.10	EASTERN	KENEMA	KENEMA DISTRICT	SMALL BO	Primary	KENEMA DISTRICT COUNCIL EDUCATION SCHOOL K.M.D.E.C	121403308	7.868538	-11.35189	2G	10	Generator
2.11	EASTERN	KENEMA	KENEMA CITY	KENEMA CITY	Senior Secondary	MALE AND FEMALE SSS AND TVS SCHOOL	129101404	7.878386	-11.18455	2G & 3G	10	No Electricity
2.12	EASTERN	KONO	KOUDU-NEW SEMBEHUN CITY	GBENSE	Junior Secondary	MUNICIPAL JUNIOR SECONDARY SCHOOL	139103302	8.645013	-10.95165	2G & 3G	10	No Electricity
2.13	SOUTHERN	BO	BO DISTRICT	KAKUA	Primary	MOJAI MEMORIAL PRIMARY SCHOOL	319103312	7.939651	-11.73615	2G & 3G	10	No Electricity
2.14	SOUTHERN	MOYAMBA	MOYAMBA DISTRICT	KAMAJEI	Junior Secondary	KAMAJEI I.S.S.	330701301	8.170954	-11.95067	2G	10	No Electricity
2.15	NORTH WES	PORT LOKO	PORT LOKO DISTRICT	MARAMPA	Primary	D.E.C PRIMARY	240802207	8.733644	-12.35575	2G	20	No Electricity
2.16	NORTH WES	PORT LOKO	PORT LOKO DISTRICT	MAFORJI	Primary	DISTRICT EDUCATION COMMITTEE	240704201	8.625849	-12.90691	2G	20	No Electricity
2.17	EASTERN	KENEMA	KENEMA DISTRICT	NIWA	Primary	KENEMA DISTRICT EDUCATION COMMITTEE	121001209	7.724559	-11.36042	2G	20	No Electricity
2.18	SOUTHERN	MOYAMBA	MOYAMBA DISTRICT	FAKUNYA	Primary	MOYAMBA DISTRICT EDUCATION COMMITTEE PRIMARY SCHOOL BAOMA JOHNSON	330402202	8.241702	-12.37576	2G & 3G	20	No Electricity
2.19	SOUTHERN	BO	BO DISTRICT	NIWA LINGA	Primary	BO DISTRICT EDUCATION COMMITTEE PRIMARY SCHOOL	311101211	8.127541	-11.65262	2G & 3G	20	No Electricity
2.20	NORTH WES	KAMBIA	KAMBIA DISTRICT	BRAMAJA	Primary	KAMBIA DISTRICT EDUCATION COMMITTEE	220101210	9.305967	-12.77871	2G	30	No Electricity
2.21	EASTERN	KONO	KONO DISTRICT	SANDOR	Primary	KONO DISTRICT EDUCATION COMMITTEE	131102203	8.847322	-11.09511	2G	30	No Electricity
2.22	SOUTHERN	MOYAMBA	MOYAMBA DISTRICT	BUMPEH	Primary	MDEC	330201225	8.230258	-12.66999	2G	30	No Electricity
2.23	EASTERN	KENEMA	KENEMA DISTRICT	SIMBARU	Primary	KENEMA DISTRICT EDUCATION COMMITTEE PRIMARY GEREHUN	121301211	8.219666	-11.33796	2G	40	No Electricity
2.24	SOUTHERN	BO	BO DISTRICT	BAGBO	Primary	BO DISTRICT COUNCIL PRIMARY	310202207	7.643458	-11.79369	2G	40	No Electricity
2.25	NORTHERN	FALABA	FALABA DISTRICT	SULIMA	Primary	DISTRICT EDUCATION COUNCIL PRIMARY SCHOOL	230901217	9.842633	-11.11181	2G	over 40km	No Electricity
2.26	NORTHERN	KOINADUGU	KOINADUGU DISTRICT	KAILAN	Primary	D.E.C KUMALA	230703103	9.067991	-11.39996	2G	over 40km	No Electricity
2.27	NORTHERN	KOINADUGU	KOINADUGU DISTRICT	WARA WARA YAGALA	Pre-Primary	WESLEYAN CHURCH OF SIERRA LEONE PRE-SCHOOL	231101108	9.577233	-11.55768	2G	over 40km	Generator
2.28	NORTHERN	KOINADUGU	KOINADUGU DISTRICT	WARA WARA YAGALA	Junior Secondary	YAGALA JUNIOR SEC. SCHOOL	231102303	9.577353	-11.59484	2G	over 40km	Solar
2.29	EASTERN	KAILAHUN	KAILAHUN DISTRICT	KISSI TENG	Pre-Primary	KAILAHUN DISTRICT EDUCATION COMMITTEE NURSERY SCHOOL	110403101	8.339396	-10.38262	2G	over 40km	No Electricity
2.30	SOUTHERN	BONTHE	BONTHE DISTRICT	NONGOBA BULLOM	Primary	DISTRICT EDUCATION COUNCIL PRIMARY SCHOOL	320801206	7.445984	-12.26368	2G & 3G	over 40km	No Electricity



### Schools to be connected – Lot 3.

Lot ID	Region	District	Council	Chiefdom	School type	School name	Idemis_code	Latitude	Longitude	Technology	Distance(km) to fiber optic	Electricity
3.1	WESTERN	WESTERN AREA URBAN	FREETOWN CITY	WEST II	Primary	NEW ENGLAND COMMUNITY PRIMARY SCHOOL	420704208	8.467306	-13.23806	2G & 3G & 4G	10	Grid
3.2	WESTERN	WESTERN AREA URBAN	FREETOWN CITY	CENTRAL II	Primary	REGENT SQUARE MUNICIPAL INFANTS PRIMARY SCHOOL	420202203	8.406676	-13.23892	2G	10	Grid
3.3	WESTERN	WESTERN AREA RURAL	WESTERN AREA RURAL DISTRICT	YORK RURAL	Primary	RURAL EDUCATION COMMITTEE PRIMARY SCHOOL	410404206	8.388207	-13.25592	2G & 3G	10	No Electricity
3.4	WESTERN	WESTERN AREA URBAN	FREETOWN CITY	WEST III	Pre-Primary	LADY PATRICKA KABBAN MEMORIAL PRE-PRIMARY SCHOOL	420802202	8.457958	-13.2542	2G & 3G & 4G	10	Grid
3.5	NORTH WESTERN	KAMBIA	KAMBIA DISTRICT	MAGBEMA	Pre-Primary	AWAY FROM HOME PRE SCHOOL	220304104	9.1224	-12.91818	2G & 3G	10	No Electricity
3.6	NORTH WESTERN	PORT LOKO	PORT LOKO DISTRICT	KAFFU BULLOM	Junior Secondary	KANKAYLAY ISLAMIC JUNIOR SECONDARY SCHOOL	240402303	8.566928	-13.1624	2G & 3G	10	Other(Specify)
3.7	NORTH WESTERN	PORT LOKO	PORT LOKO DISTRICT	MARAMPA	Primary	DEC PRIMARY SCHOOL	240802217	8.693996	-12.47149	2G & 3G	10	No Electricity
3.8	NORTH WESTERN	PORT LOKO	PORT LOKO DISTRICT	KAFFU BULLOM	Primary	DISTRICT COUNCIL PRIMARY	240404203	8.693924	-13.19158	2G & 3G & 4G	10	No Electricity
3.9	NORTHERN	BOMBALI	BOMBALI DISTRICT	GBANTI	Primary	BOMBALI DISTRICT EDUCATION COMMITTEE PRIMARY SCHOOL	210701216	8.933044	-12.04811	2G	10	Other(Specify)
3.10	EASTERN	KENEMA	KENEMA DISTRICT	NONGOWA	Primary	ERIK THUNES	129102246	7.928152	-11.15059	2G	10	Solar
3.11	EASTERN	KONO	KONO DISTRICT	TANKORO	Senior Secondary	MUNICIPAL SENIOR SEC.SCHOOL	131301406	8.65231	-10.98159	2G & 3G	10	No Electricity
3.12	SOUTHERN	BO	BO CITY	BO CITY	Primary	BDEC PRIMARY SCHOOL	319101257	7.977842	-11.73569	2G & 3G	10	No Electricity
3.13	SOUTHERN	BO	BO CITY	BO CITY	Primary	B.D.E.C. PRIMARY SCHOOL	319101243	7.977753	-11.73546	2G & 3G	10	No Electricity
3.14	NORTH WESTERN	KAMBIA	KAMBIA DISTRICT	MIUNU THALLA	Primary	ROMAN CATHOLIC PRIMARY SCHOOL	220502207	9.111206	-12.7215	2G	20	No Electricity
3.15	NORTH WESTERN	KARENE	KARENE DISTRICT	BUVA	Primary	DEC PRIMARY	240202220	8.817929	-12.44322	2G	20	No Electricity
3.16	NORTHERN	TONKOLU	TONKOLU DISTRICT	YONI MAMAILA	Primary	TONKOLU DISTRICT COUNCIL PRIMARY SCHOOL	251107204	8.306436	-12.00303	2G	20	No Electricity
3.17	EASTERN	KAILAHUN	KAILAHUN DISTRICT	NIJALUJUN	Primary	KAILAHUN DISTRICT EDUCATION PRIMARY	111102206	7.95419	-10.99947	2G	20	No Electricity
3.18	SOUTHERN	MOYAMBA	MOYAMBA DISTRICT	KORI	Primary	DISTRICT EDUCATION COUNCIL PRIMARY	330901208	8.156663	-12.1858	2G & 3G	20	No Electricity
3.19	SOUTHERN	BO	BO DISTRICT	WONDE	Primary	BO DISTRICT EDUCATION COMMITTEE	313501209	7.74496	-11.44907	2G	20	No Electricity
3.20	NORTHERN	BOMBALI	BOMBALI DISTRICT	MAKARIE	Primary	BOMBALI DISTRICT EDUCATION COMMITTEE PRIMARY SCHOOL	210703221	8.798043	-12.30812	2G	30	No Electricity
3.21	EASTERN	KENEMA	KENEMA DISTRICT	NIJAWA	Primary	KAMARA DISTRICT EDUCATION COUNCIL	121001203	7.616423	-11.44883	2G	30	No Electricity
3.22	SOUTHERN	BO	BO DISTRICT	VALUNIA	Senior Secondary	GOVERNMENT SECONDARY SCHOOL KOYEIMA	313401401	8.253371	-11.6983	2G	30	No Electricity
3.23	EASTERN	KONO	KONO DISTRICT	SANDOR	Primary	KONO DISTRICT EDUCATION COMMITTEE	131101213	8.817636	-11.24356	2G	40	No Electricity
3.24	SOUTHERN	BO	BO DISTRICT	LUGBU	Primary	BO DISTRICT EDUCATION COMMITTEE PRIMARY SCH	311002218	7.653653	-11.8905	2G	40	No Electricity
3.25	NORTHERN	FALABA	FALABA DISTRICT	DEMUELIA SINKUNA	Primary	DISTRICT EDUCATION COUNCIL PRIMARY SCHOOL	230101205	9.909863	-11.44392	2G	over 40km	No Electricity
3.26	NORTHERN	KOINADUGU	KOINADUGU DISTRICT	KAILLAN	Primary	MCA UROH	230703224	9.060311	-11.44235	2G	over 40km	No Electricity
3.27	NORTHERN	KOINADUGU	KOINADUGU DISTRICT	KAILLAN	Primary	DEC KUMALA	230703103	9.067991	-11.39996	2G	over 40km	No Electricity
3.28	NORTHERN	KOINADUGU	KOINADUGU DISTRICT	WARA WARA YAGALA	Primary	DISTRICT EDUCATION COUNCIL PRIMARY SCHOOL SENIOR	231101204	9.585392	-11.55458	2G	over 40km	No Electricity
3.29	EASTERN	KAILAHUN	KAILAHUN DISTRICT	LUAWA	Primary	KAILAHUN DISTRICT EDUCATION COMMITTEE PRIMARY SCHOOL	110804205	8.19191	-10.49995	2G	over 40km	No Electricity
3.30	SOUTHERN	BONTHE	BONTHE DISTRICT	SITTIA	Primary	UNITED METHODIST CHURCH PRIMARY SCHOOL, MBOKIE	320902204	7.636815	-12.61699	2G	over 40km	No Electricity



### Schools to be connected – Lot 4.

Lot ID	Region	District	Council	Chiefdom	School type	School name	Idemis_code	Latitude	Longitude	Technology	Distance(km) to fiber optic	Electricity
4.1	WESTERN	WESTERN AREA URBAN	FREETOWN CITY	EAST III	Primary	ORPHANAGE KINDERGATEN AND PRIMARY SCHOOL	420502218	8.481424	-13.23917	2G & 3G	10	No Electricity
4.2	WESTERN	WESTERN AREA URBAN	FREETOWN CITY	EAST II	Primary	MABELLA MUNICIPAL PRIMARY SCHOOL	420407206	8.490849	-13.2263	2G & 3G	10	Grid
4.3	WESTERN	WESTERN AREA URBAN	FREETOWN CITY	WEST I	Primary	SAINT JOHN'S PRIMARY SCHOOL	420601205	8.479113	-13.24404	2G & 3G & 4G	10	Grid
4.4	WESTERN	WESTERN AREA URBAN	FREETOWN CITY	WEST II	Primary	DR. S.M. BRODERICK INFANTS PRIMARY SCHOOL	420705203	8.473988	-13.23796	2G & 3G	10	Grid
4.5	NORTH WESTERN	PORT LOKO	PORT LOKO DISTRICT	KOYA	Primary	ERNEST BAI KOROMA PRIMARY SCHOOL	240502222	8.427299	-12.91861	2G & 3G	10	No Electricity
4.6	NORTH WESTERN	PORT LOKO	PORT LOKO DISTRICT	MARAMPA	Primary	DEC PRIMARY SCHOOL LAL BANKA-LUNBAR	240803204	8.674012	-12.68675	2G	10	No Electricity
4.7	NORTH WESTERN	PORT LOKO	PORT LOKO DISTRICT	MARAMPA	Primary	AGAPE PRIMARY SCHOOL	240803355	8.699447	-12.52576	2G & 3G & 4G	10	Grid
4.8	NORTH WESTERN	PORT LOKO	PORT LOKO DISTRICT	KAFU BULLOM	Junior Secondary	SICU CLOZET	240405312	8.641598	-13.21551	2G & 3G	10	No Electricity
4.9	EASTERN	KONO	KONO DISTRICT	TANKORO	Primary	KDEC PRIMARY	131301250	8.603842	-10.91328	2G	10	No Electricity
4.10	EASTERN	KENEMA	KENEMA CITY	KENEMA CITY	Pre-Primary	MASROOR AHMADYYA PRE SCHOOL FONIKOH	129102112	7.857275	-11.20454	2G & 3G & 4G	10	No Electricity
4.11	EASTERN	KENEMA	KENEMA DISTRICT	TUNKUA	Primary	KENEMA DISTRICT COUNCIL PRIMARY GBAMA	121501204	7.587798	-11.06942	2G	10	No Electricity
4.12	SOUTHERN	BO	BO CITY	KAKUA	Primary	BO DISTRICT EDUCATION COMMITTEE PRIMARY	319103205	7.951209	-11.72181	2G & 3G	10	Grid
4.13	SOUTHERN	BO	BO DISTRICT	BAOMA	Primary	BO DISTRICT EDUCATION COMMITTEE PRIMARY/BDEC	310401210	7.878004	-11.53596	2G	10	No Electricity
4.14	NORTH WESTERN	PORT LOKO	PORT LOKO DISTRICT	THAIKATOPA	Primary	DISTRICT EDUCATION COMMITTEE PRIMARY SCHOOL	241102205	8.846555	-12.57628	2G	20	No Electricity
4.15	NORTH WESTERN	XAMBIA	KAMBIA DISTRICT	SAMU	Primary	KAMBIA DISTRICT COUNCIL PRIMARY SCHOOL	220601204	8.992891	-13.04787	2G	20	No Electricity
4.16	NORTHERN	TONKOLU	TONKOLU DISTRICT	KHOLIFA-MAMUNTHA MAYOSSO	Primary	TONKOLU DISTRICT COUNCIL PRIMARY SCHOOL	250504208	8.651278	-12.09069	2G	20	No Electricity
4.17	EASTERN	KENEMA	KENEMA DISTRICT	NONGOWA	Junior Secondary	KASAMBA MEMORIAL JUNIOR SECONDARY SCHOOL	121203301	7.930685	-11.05292	2G	20	No Electricity
4.18	SOUTHERN	BO	BO DISTRICT	TIKONKO	Primary	BO DISTRICT EDUCATION COMMITTEE PRIMARY	311301227	7.846712	-11.82931	2G	20	No Electricity
4.19	SOUTHERN	BO	BO DISTRICT	NIAWA LENGA	Junior Secondary	NIAWA LENGA TECHNICAL AND VOCATIONAL ISS	311101301	8.327518	-11.65233	2G & 3G	20	No Electricity
4.20	NORTHERN	BOMBALI	BOMBALI DISTRICT	NGOWAHUN	Junior Secondary	GOVERNMENT BDEC JUNIOR SECONDARY SCHOOL	210402301	8.980881	-12.30014	2G	30	No Electricity
4.21	EASTERN	KENEMA	KENEMA DISTRICT	DODO	Junior Secondary	GOVERNMENT JUNIOR SECONDARY DODO	120201301	8.144384	-11.17836	2G	30	No Electricity
4.22	NORTHERN	BOMBALI	BOMBALI DISTRICT	GBENDEMBU	Primary	BOMBALI DISTRICT EDUCATION COMMITTEE	210401210	9.071657	-12.34915	2G	40	No Electricity
4.23	SOUTHERN	PUJUHUN	PUJUHUN DISTRICT	KPANGA	Primary	PUJUHUN DISTRICT COUNCIL PRIMARY SCHOOL	340701205	7.4337	-11.6618	2G & 3G	40	No Electricity
4.24	NORTHERN	KOINADUGU	KOINADUGU DISTRICT	TAMISO	Primary	DISTRICT EDUCATION COUNCIL PRIMARY SCHOOL	230402206	9.572767	-11.88193	2G	over 40km	No Electricity
4.25	NORTHERN	KOINADUGU	KOINADUGU DISTRICT	GBONKOBON GBONKOBOL KAYAKA	Primary	WESLEYAN CHURCH OF SIERRA LEONE PRIMARY SCHOOL, KAYENKAY	230402210	9.389582	-11.76571	2G	over 40km	No Electricity
4.26	NORTHERN	KOINADUGU	KOINADUGU DISTRICT	WARA WARA YAGALA	Primary	DISTRICT EDUCATION COUNCIL PRIMARY SCHOOL	231102214	9.62243	-11.55396	2G & 3G & 4G	over 40km	No Electricity
4.27	NORTHERN	FALABA	FALABA DISTRICT	DEMBELIA SINKUNIA	Junior Secondary	GOVERNMENT JUNIOR SECONDARY SCHOOL	230101301	9.861073	-11.43334	2G	over 40km	Solar
4.28	NORTHERN	FALABA	FALABA DISTRICT	BARAWA WOLLAY	Primary	MCA PRIMARY SCHOOL TIMBERAN	230701234	9.364862	-11.25514	2G	over 40km	No Electricity
4.29	SOUTHERN	BONTHE	BONTHE DISTRICT	SOG BENI	Primary	BONTHE DISTRICT EDUCATION COMMITTEE	321001208	7.534578	-12.09523	2G	over 40km	No Electricity
4.30	SOUTHERN	BONTHE	BONTHE DISTRICT	KPANDA KEMO	Primary	DISTRICT EDUCATION COMMITTEE PRIMARY SCHOOL	320601208	7.671589	-12.09814	2G & 3G	over 40km	No Electricity



**ANNEX 2.**  
**(soft copies will be made available).**  
**Financial Template – Lot 1.**

Lot ID	District	Chiefdom	School name	Technology	Distance(km) to fiber optic	Electricity	Hardware costs	Power costs	Install costs	Training costs	Bandwidth cost	Support costs	Other costs
1.1	WESTERN AREA RURAL	WATERLOO RURAL	RURAL EDUCATION COMMITTEE INFANT PRIMARY SCHOOL	2G & 3G & 4G	10	No Electricity							
1.2	WESTERN AREA URBAN	WEST III	CARDIFF COMMUNITY PRE SCHOOL	2G	10	Grid							
1.3	WESTERN AREA URBAN	EAST III	KISSY INFANT'S PRIMARY MUNICIPAL SCHOOL	2G & 3G & 4G	10	No Electricity							
1.4	WESTERN AREA URBAN	EAST I	SIERRA LEONE MUSLIM BROTHERHOOD	2G & 3G	10	No Electricity							
1.5	WESTERN AREA URBAN	EAST III	GOVERNMENT INDEPENDENCE MEMORIAL I.S.S.	2G & 3G	10	Generator							
1.6	PORT LONO	BUREH	DISTRICT EDUCATION COMMITTEE PRIMARY SCHOOL	2G	10	No Electricity							
1.7	KAMBIA	MAGBEMA	KAMBIA DISTRICT COUNCIL PRIMARY JUNIOR	2G	10	No Electricity							
1.8	KAMBIA	MAGBEMA	KULAFAI RASHIDEEN PREPRIMARY SCHOOL ROKUPR	2G	10	No Electricity							
1.9	TOKOULU	YOMI MAMAILA	TDC PRI SCH ROCHEN JUNCTION	2G & 3G	10	No Electricity							
1.10	KENEMA	NONGOWA	KENEMA DISTRICT EDUCATION COMMITTEE PRIMARY	2G	10	No Electricity							
1.11	KENEMA	SMALL BO	ROSSETTA COMMUNITY PRIMARY SCHOOL	2G & 3G	10	No Electricity							
1.12	KENEMA	SMALL BO	KENEMA DISTRICT COUNCIL EDUCATION SCHOOL K. M. D. E. C	2G	10	No Electricity							
1.13	BO	TBOMBO	BO DISTRICT EDUCATION COMMITTEE PRIMARY	2G	10	No Electricity							
1.14	BO	BO CITY	SLMS COBINATION FIELD TOWN	2G & 3G & 4G	10	No Electricity							
1.15	PORT LONO	ROMENDE	DISTRICT COUNCIL PRIMARY SCHOOL BUYA TOWN	2G	20	No Electricity							
1.16	PORT LONO	THAINATOPA	DISTRICT EDUCATION COMMITTEE PRIMARY SCHOOL	2G	20	No Electricity							
1.17	KONO	SANDOR	KONO DISTRICT EDUCATION COMMITTEE PRIMARY SCHOOL	2G	20	No Electricity							
1.18	KENEMA	KOYA	KENEMA DISTRICT COUNCIL PRIMARY	2G	20	No Electricity							
1.19	PUJEHUN	BARRI	PUJEHUN DISTRICT COUNCIL PRIMARY SCHOOL	2G	20	No Electricity							
1.20	KAMBIA	TOKO LIMBA	KAMBIA DISTRICT COUNCIL PRIMARY SCHOOL	2G	30	No Electricity							
1.21	BOMBALI	NGOWAHUN	BOMBALI DISTRICT EDUCATION COMMITTEE PRIMARY SCHOOL	2G	30	No Electricity							
1.22	BO	VALUNA	BO DISTRICT EDUCATION COMMITTEE PRIMARY SCHOOL	2G	30	No Electricity							
1.23	BOMBALI	MAGBAMBA NGOWAHUN	BOMBALI DISTRICT EDUCATION COMMITTEE PRIMARY SCHOOL	2G	40	No Electricity							
1.24	PUJEHUN	KPANGA	ROMAN CATHOLIC PRIMARY	2G	40	No Electricity							
1.25	FALABA	SULUMA	DISTRICT EDUCATION COUNCIL PRIMARY SCHOOL	2G	over 40km	No Electricity							
1.26	FALABA	DEMABELA SINKUNIA	SANU ANSARUL JUNIOR SECONDARY SCHOOL	2G	over 40km	No Electricity							
1.27	KOINADUGU	WARA WARA YAGALA	KABALA SECONDARY SCHOOL JUNIOR	2G & 3G	over 40km	No Electricity							
1.28	KOINADUGU	GBONKOBON GBONKOBON KAYAKA	DISTRICT EDUCATION COMMITTEE PRIMARY SCHOOL	2G	over 40km	No Electricity							
1.29	KOINADUGU	NJENI	KABALA DISTRICT EDUCATION COUNCIL PRIMARY SCHOOL	2G	over 40km	No Electricity							
1.30	MOYAMBA	KAGBORDO	MOYAMBA DISTRICT EDUCATION COMMITTEE PRIMARY SCHOOL BENDU WHARF	2G	over 40km	No Electricity							

## Financial Template – Lot 2.

Lot ID	District	Chiefdom	School name	Technology	Distance(km) to fiber optic	Electricity	Hardware co	Power costs	Install costs	Training cost	Bandwidth cost	Support cost	Other costs
2.1	WESTERN AREA RURAL	YORK RURAL	RURAL EDUCATION COMMITTEE PRETTY SCHOOL	2G & 3G	10	No Electricity							
2.2	WESTERN AREA URBAN	WEST II	GOVERNMENT SECONDARY TECHNICAL SCHOOL S.S.S	2G & 3G & 4G	10	Grid							
2.3	WESTERN AREA URBAN	EAST III	BISHOP HUMPER U.M.C PRIMARY SCHOOL	2G	10	No Electricity							
2.4	WESTERN AREA URBAN	WEST III	UREM JUNIOR SECONDARY SCHOOL	2G & 3G	10	No Electricity							
2.5	WESTERN AREA RURAL	WATERLOO RURAL	RURAL EDUCATION COMMITTEE	2G & 3G & 4G	10	No Electricity							
2.6	PORT LOKO	KOYA	THE DAVID JUNIOR SECONDARY SCHOOL	2G & 3G	10	Solar							
2.7	PORT LOKO	BAKEH LOKO	DISTRICT EDUCATION COMMITTEE PRIMARY SCHOOL	2G	10	No Electricity							
2.8	PORT LOKO	MAFORKI	D.E.C PRIMARY SCHOOL	2G	10	No Electricity							
2.9	TONKOLU	YONI MAMAILA	TONKOLU DISTRICT COUNCIL PRIMARY SCHOOL	2G & 3G	10	No Electricity							
2.10	KENEMA	SMALL BO	KENEMA DISTRICT COUNCIL EDUCATION SCHOOL K.M.D.E.C	2G	10	Generator							
2.11	KENEMA	KENEMA CITY	MALE AND FEMALE SSS AND TVS SCHOOL	2G & 3G	10	No Electricity							
2.12	KONO	GBENSE	MUNICIPAL JUNIOR SECONDARY SCHOOL	2G & 3G	10	No Electricity							
2.13	BO	KAKUA	MOJAI MEMORIAL PRIMARY SCHOOL	2G & 3G	10	No Electricity							
2.14	MOYAMBA	KAMAJEI	KAMAJEI J.S.S.	2G	10	No Electricity							
2.15	PORT LOKO	MARAMPA	D.E.C PRIMARY	2G	20	No Electricity							
2.16	PORT LOKO	MAFORKI	DISTRICT EDUCATION COMMITTEE	2G	20	No Electricity							
2.17	KENEMA	NIWAHA	KENEMA DISTRICT EDUCATION COMMITTEE	2G	20	No Electricity							
2.18	MOYAMBA	FAKUNYA	MOYAMBA DISTRICT EDUCATION COMMITTEE PRIMARY SCHOOL BAOMA JOHNSON	2G & 3G	20	No Electricity							
2.19	BO	NIWAHA LENGA	BO DISTRICT EDUCATION COMMITTEE PRIMARY SCHOOL	2G & 3G	20	No Electricity							
2.20	KAMBIA	BRAMAJA	KAMBIA DISTRICT EDUCATION COMMITTEE	2G	30	No Electricity							
2.21	KONO	SANDOR	KONO DISTRICT EDUCATION COMMITTEE	2G	30	No Electricity							
2.22	MOYAMBA	BUMPEH	MDEC	2G	30	No Electricity							
2.23	KENEMA	SIMBARU	KENEMA DISTRICT EDUCATION COMMITTEE PRIMARY GEREHUN	2G	40	No Electricity							
2.24	BO	BAGBO	BO DISTRICT COUNCIL PRIMARY	2G	40	No Electricity							
2.25	FALABA	SULIMA	DISTRICT EDUCATION COUNCIL PRIMARY SCHOOL	2G	over 40km	No Electricity							
2.26	KOINADUGU	KAILAH	D.E.C KUMALA	2G	over 40km	No Electricity							
2.27	KOINADUGU	WARA WARA YAGALA	WESLEYAN CHURCH OF SIERRA LEONE PRE-SCHOOL	2G	over 40km	Generator							
2.28	KOINADUGU	WARA WARA YAGALA	YAGALA JUNIOR SEC. SCHOOL	2G	over 40km	Solar							
2.29	KAILAHUN	KISSI TENG	KAILAHUN DISTRICT EDUCATION COMMITTEE NURSERY SCHOOL	2G	over 40km	No Electricity							
2.30	BONTHE	INONGOBA BULLOM	DISTRICT EDUCATION COUNCIL PRIMARY SCHOOL	2G & 3G	over 40km	No Electricity							



### Financial Template – Lot 3.

Lot ID	District	Chiefdom	School name	Technology	Distance(km) to fiber optic	Electricity	Hardware costs	Power costs	Install costs	Training costs	Bandwidth cost	Support costs	Other costs
3.1	WESTERN AREA URBAN	WEST II	NEW ENGLAND COMMUNITY PRIMARY SCHOOL	2G & 3G & 4G	10	Grid							
3.2	WESTERN AREA URBAN	CENTRAL II	REGENT SQUARE MUNICIPAL INFANTS PRIMARY SCHOOL	2G	10	Grid							
3.3	WESTERN AREA RURAL	YORK RURAL	RURAL EDUCATION COMMITTEE PRIMARY SCHOOL	2G & 3G	10	No Electricity							
3.4	WESTERN AREA URBAN	WEST III	LADY PATRICIA KABBAN MEMORIAL PRE-PRIMARY SCHOOL	2G & 3G & 4G	10	Grid							
3.5	KAMBIA	MAGBEMA	AWAY FROM HOME PRE SCHOOL	2G & 3G	10	No Electricity							
3.6	PORT LOKO	KAFU BULLOM	KANKAVLAY ISLAMIC JUNIOR SECONDARY SCHOOL	2G & 3G	10	Other(Specify)							
3.7	PORT LOKO	MARAMPA	DEC PRIMARY SCHOOL	2G & 3G	10	No Electricity							
3.8	PORT LOKO	KAFU BULLOM	DISTRICT COUNCIL PRIMARY	2G & 3G & 4G	10	No Electricity							
3.9	BOMBALI	GBANTI	BOMBALI DISTRICT EDUCATION COMMITTEE PRIMARY SCHOOL	2G	10	Other(Specify)							
3.10	KENEMA	NONGOWA	ERIK THUNES	2G	10	Solar							
3.11	KONO	TANKORO	MUNICIPAL SENIOR SEC.SCHOOL	2G & 3G	10	No Electricity							
3.12	BO	BO CITY	BDEC PRIMARY SCHOOL	2G & 3G	10	No Electricity							
3.13	BO	BO CITY	B.D.E.C. PRIMARY SCHOOL	2G & 3G	10	No Electricity							
3.14	KAMBIA	MIUNU THALLA	ROMAN CATHOLIC PRIMARY SCHOOL	2G	20	No Electricity							
3.15	KARENE	BUYA	DEC PRIMARY	2G	20	No Electricity							
3.16	TONKOLU	YONI MAMAILA	TONKOLU DISTRICT COUNCIL PRIMARY SCHOOL	2G	20	No Electricity							
3.17	KAILAHUN	NIJALAHUN	KAILAHUN DISTRICT EDUCATION PRIMARY	2G	20	No Electricity							
3.18	MOYAMBA	KORI	DISTRICT EDUCATION COUNCIL PRIMARY	2G & 3G	20	No Electricity							
3.19	BO	WONDE	BO DISTRICT EDUCATION COMMITTEE	2G	20	No Electricity							
3.20	BOMBALI	MAKARIE	BOMBALI DISTRICT EDUCATION COMMITTEE PRIMARY SCHOOL	2G	30	No Electricity							
3.21	KENEMA	NIAWA	KAMARA DISTRICT EDUCATION COUNCIL	2G	30	No Electricity							
3.22	BO	VALUNIA	GOVERNMENT SECONDARY SCHOOL KOYEIMA	2G	30	No Electricity							
3.23	KONO	SANDOR	KONO DISTRICT EDUCATION COMMITTEE	2G	40	No Electricity							
3.24	BO	LUGBU	BO DISTRICT EDUCATION COMMITTEE PRIMARY SCH	2G	40	No Electricity							
3.25	FALABA	DEMIBELIA SINKUNIA	DISTRICT EDUCATION COUNCIL PRIMARY SCHOOL	2G	over 40km	No Electricity							
3.26	KOINADUGU	KAILAN	MCA LUOH	2G	over 40km	No Electricity							
3.27	KOINADUGU	KAILAN	DEC KUMALA	2G	over 40km	No Electricity							
3.28	KOINADUGU	WARA WARA YAGALA	DISTRICT EDUCATION COUNCIL PRIMARY SCHOOL SENIOR	2G	over 40km	No Electricity							
3.29	KAILAHUN	LUAWA	KAILAHUN DISTRICT EDUCATION COMMITTEE PRIMARY SCHOOL	2G	over 40km	No Electricity							
3.30	BONTHE	SITTIA	UNITED METHODIST CHURCH PRIMARY SCHOOL, IMBOKIE	2G	over 40km	No Electricity							



### Financial Template – Lot 4.

Lot ID	District	Chiefdom	School name	Technology	Distance(km) to fiber optic	Electricity	Hardware costs	Power costs	Install costs	Training costs	Bandwidth cost	Support costs	Other costs
4.1	WESTERN AREA URBAN	EAST III	ORPHANAGE KINDERGARTEN AND PRIMARY SCHOOL	2G & 3G	10	No Electricity							
4.2	WESTERN AREA URBAN	EAST II	MABELLA MUNICIPAL PRIMARY SCHOOL	2G & 3G	10	Grid							
4.3	WESTERN AREA URBAN	WEST I	SAINT JOHN'S PRIMARY SCHOOL	2G & 3G & 4G	10	Grid							
4.4	WESTERN AREA URBAN	WEST II	DR. S.M. BRODERICK INFANTS PRIMARY SCHOOL	2G & 3G	10	Grid							
4.5	PORT LOKO	KOYA	ERNEST BAI KOROMA PRIMARY SCHOOL	2G & 3G	10	No Electricity							
4.6	PORT LOKO	MARAMPA	DEC PRIMARY SCHOOL LAL BANKA-LUN SAR	2G	10	No Electricity							
4.7	PORT LOKO	MARAMPA	AGAPE PRIMARY SCHOOL	2G & 3G & 4G	10	Grid							
4.8	PORT LOKO	KAFU BULLOM	SICU CLOZET	2G & 3G	10	No Electricity							
4.9	KONO	TANKORO	KDEC PRIMARY	2G	10	No Electricity							
4.10	KENEMA	KENEMA CITY	MASROOR AHMADIYYA PRE SCHOOL FOWIKOH	2G & 3G & 4G	10	No Electricity							
4.11	KENEMA	TUNKIA	KENEMA DISTRICT COUNCIL PRIMARY GBAMA	2G	10	No Electricity							
4.12	BO	KAKUA	BO DISTRICT EDUCATION COMMITTEE PRIMARY	2G & 3G	10	Grid							
4.13	BO	BACHA	BO DISTRICT EDUCATION COMMITTEE PRIMARY/BDEC	2G	10	No Electricity							
4.14	PORT LOKO	THANKATOPA	DISTRICT EDUCATION COMMITTEE PRIMARY SCHOOL	2G	20	No Electricity							
4.15	KAMBIA	SAMU	KAMBIA DISTRICT COUNCIL PRIMARY SCHOOL	2G	20	No Electricity							
4.16	TOKOLU	KHOUFA-MAMUNTHA MAYOSSO	TOKOLU DISTRICT COUNCIL PRIMARY SCHOOL	2G	20	No Electricity							
4.17	KENEMA	WONGOWA	KASAMBA MEMORIAL JUNIOR SECONDARY SCHOOL	2G	20	No Electricity							
4.18	BO	TIKONKO	BO DISTRICT EDUCATION COMMITTEE PRIMARY	2G	20	No Electricity							
4.19	BO	NIAWA LENGA	NIAWA LENGA TECHNICAL AND VOCATIONAL JSS	2G & 3G	20	No Electricity							
4.20	BOMBALI	NGOWAJUN	GOVERNMENT BDEC JUNIOR SECONDARY SCHOOL	2G	30	No Electricity							
4.21	KENEMA	DODO	GOVERNMENT JUNIOR SECONDARY DODO	2G	30	No Electricity							
4.22	BOMBALI	GBENDIMBU	BOMBALI DISTRICT EDUCATION COMMITTEE	2G	40	No Electricity							
4.23	PUJEHUN	KPANGA	PUJEHUN DISTRICT COUNCIL PRIMARY SCHOOL	2G & 3G	40	No Electricity							
4.24	KOWADUGU	TAMISO	DISTRICT EDUCATION COUNCIL PRIMARY SCHOOL	2G	over 40km	No Electricity							
4.25	KOWADUGU	GBONKOBON GBONKOBOKAYAKA	WESLEYAN CHURCH OF SIERRA LEONE PRIMARY SCHOOL, KAYENKAY	2G	over 40km	No Electricity							
4.26	KOWADUGU	WARA WARA YAGALA	DISTRICT EDUCATION COUNCIL PRIMARY SCHOOL	2G & 3G & 4G	over 40km	No Electricity							
4.27	FALABA	DEMBELIA SINKUNIA	GOVERNMENT JUNIOR SECONDARY SCHOOL	2G	over 40km	Solar							
4.28	FALABA	BARAWA WOLLY	WCA PRIMARY SCHOOL TIMBERAN	2G	over 40km	No Electricity							
4.29	BONTHE	SOGBENI	BONTHE DISTRICT EDUCATION COMMITTEE	2G	over 40km	No Electricity							
4.30	BONTHE	KPANDA KEMO	DISTRICT EDUCATION COMMITTEE PRIMARY SCHOOL	2G & 3G	over 40km	No Electricity							

