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Concession
Regulatory
Commission

CONCESSION OF 33 SILO COMPLEXES IN NIGERIA

TRANSACTION ADVISORY SERVICES

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LION'S HEAD
global partners



YOEB CONSULTANTS LIMITED



Benchmac & Ince

Triple 'E' Systems

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List of Acronyms

DD: Due Diligence

FGN: Federal Government of Nigeria

FMARD: Federal Ministry of Agriculture and Rural Development

FMOF: Federal Ministry of Finance

ICRC: Infrastructure Concession Regulatory Commission

LHGP: Lion's Head Global Partners

MT: Metric Tonnes

PDT: Project Delivery Team

PPP: Public-Private Partnership

YCL: Yoeb Consultants Limited

1. Executive Summary

Thirty-one (31 Nos.) Silo Complexes were visited by the Transaction Advisory team. Based on our findings and to provide an overview of the conditions of silos and the issues which could affect their operations, we have categorized the Silo Complexes into four groups. To determine these groups and the categorization of each Silo Complex, we considered the level of construction and installation completion as well as the financial investment required in terms of maintenance and rehabilitation. In addition we present the utilization potential of each Silo Complex. This indicator describes the utilization that can be made of the Silo Complexes in their current condition, as a percentage of their full capacity. This indicator does not take into consideration the financial value of the investments needed to bring the Silo Complexes to full capacity.

Group I: These are 13 operational Silo Complexes. They include the silo complexes currently being used by the Federal Government to hold the National Food Security grain stock. These are located at Akure, Ezillo, Ogoja, Gombe, Ibadan, Ilorin, Irrua, Jahun, Jos, Kaduna, Lafiagi, Makurdi, and Minna.

This group can be subdivided into two groups. The first group (IA) includes the eight (8) Silo Complexes located in Akure, Ezillo, Gombe, Ogoja, Jahun, Jos, Makurdi, and Minna that are in good or very good condition, with minimal maintenance issues requiring minor repairs. The investment required from the concessionaire to achieve optimal utilization of these complexes should be limited.

Table 1: Group IA Utilization Potential Table 1 presents the potential use that can be made of these Silos in their current condition, as a percentage of their full capacity:

Table 1: Group IA Utilization Potential

Silo Location	Utilization Potential
Akure	85
Ezillo	87
Gombe	88.8
Jahun	91
Jos	93
Makurdi	98
Minna	96
Ogoja	92

The second group (IB) entails the five (5) Silo Complexes at Ibadan, Ilorin, Irrua, Kaduna and Lafiagi that require sizable investments in terms of maintenance and repair. For instance, this means that silo bins at some of these Silo Complexes are in need of repairs due to corrosion, seepage at the base or roof, leakages or faulty equipment such as temperature probes or sweep and discharge augers require replacement or installation. In some cases other major silo equipment such as control panel, intake pit, grain cleaner, elevators, bagging plant or mobile conveyors need major repairs or parts replacement. On the whole, these silo complexes appear

to have suffered from a lack of maintenance which will require investments from the concessionaire to achieve optimal utilization.

Table 2 presents the potential utilization that can be made of these Silos in their current condition, as a percentage of their full capacity:

Table 2: Group IB Utilization Potential

Silo Location	Utilization Potential
Ibadan	87
Ilorin	64
Irrua	74.5
Kaduna	59
Lafiagii	82

Group II: This category of Silo Complexes refers to the three (3) newly completed and tested Complexes at Ilesha, Kwali and Sokoto. Technical issues that were identified during test run are being attended to. These Silo Complexes only require minor repairs. Some are missing equipment like workshop and laboratory tools.

Table 3 presents the potential use that can be made of these Silos in their current condition, as a percentage of their full capacity:

Table 3: Group II Utilization Potential

Silo Location	Utilization Potential
Ilesha	95
Kwali/FCT	82
Sokoto	94

Group III: The three (3) Silo Complexes in this category are recently completed but await test-run to identify technical issues. They include those located at Dutsin-Ma, Ikenne and Bulasa. These silos are in very good condition and only require minor repairs or provision of some missing equipment.

Table 4 presents the potential use that can be made of these Silos in their current condition, as a percentage of their full capacity:

Table 4: Group III Utilization Potential

Silo Location	Utilization Potential
Bulasa	92
Dutsin-Ma	86.5
Ikenne	92

Group IV: These are Silo Complexes where construction of civil structures and installation of equipment is on-going. These silos are not operational and will not be until completion of construction and installation work.

Silos within this group can be further classified into two sub-groups based on the availability and the installation of the off-shore component and completion of civil

works. The off-shore components for the three (3) silo complexes located at, Gaya, Gusau and Yola have been completely installed. These brand new silos which are close to being operational. Table 5 presents the potential use that can be made of these Silos in their current condition, as a percentage of their full capacity:

Table 5: Group IVA Utilization Potential

Silo Location	Utilization Potential
Gaya	82
Gusau	91
Yola	87

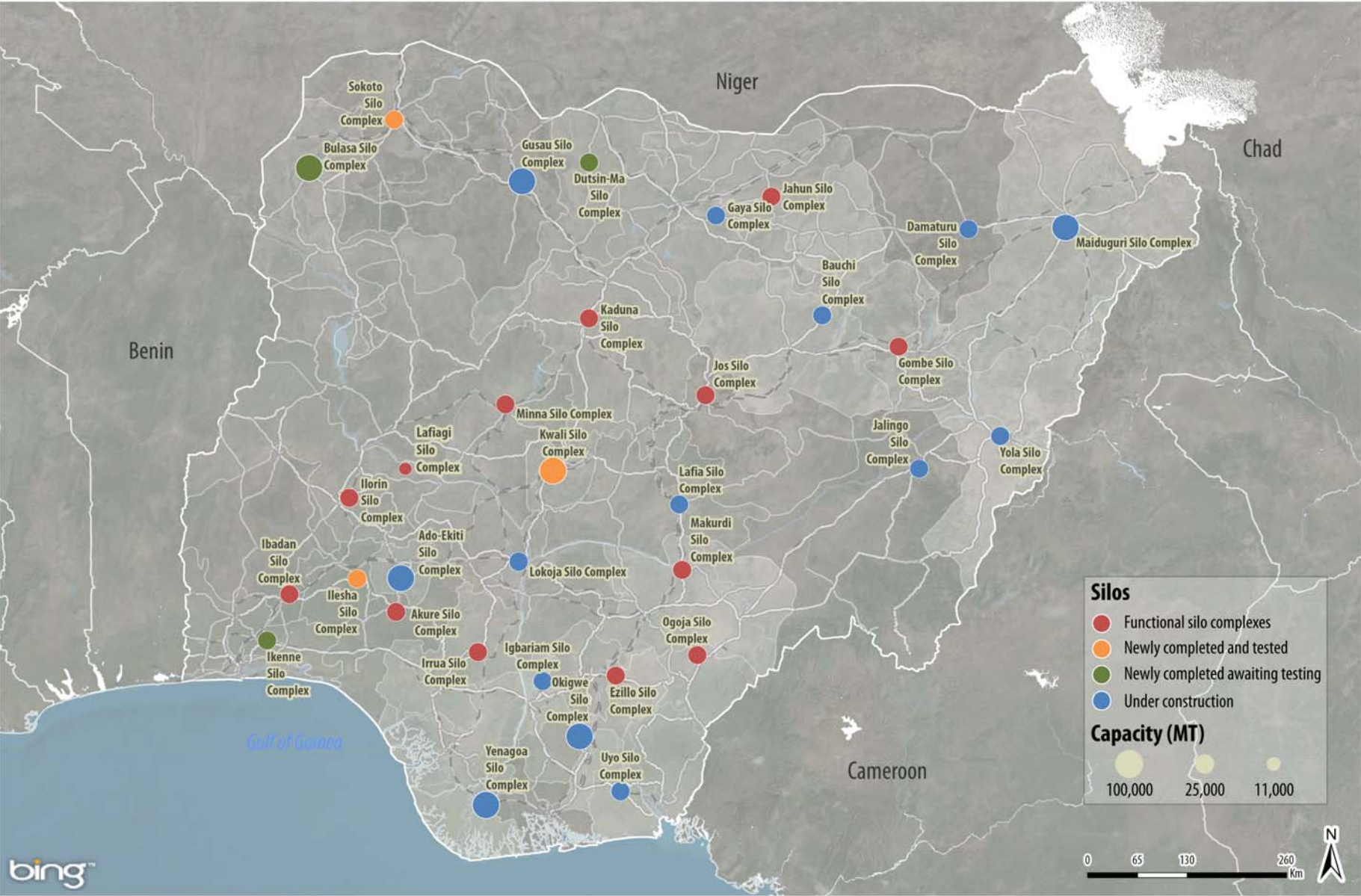
Off-shore components for nine (9) silo complexes - namely Ado-Ekiti, Bauchi, Igbariam, Jalingo, Lafia, Lokoja, Okigwe, Uyo and Yenagoa Silo Complexes have been supplied but not fully installed. These Silos still require significant installation and construction work to be carried out to allow them to operate. Table 6 presents the potential use that can be made of these Silos in their current condition, as a percentage of their full capacity:

Table 6: Group IVB Utilization Potential

Silo Location	Utilization Potential
Ado-Ekiti	79
Bauchi	64
Igbariam	0
Jalingo	8
Lafia	13
Lokoja	17
Okigwe	0
Uyo	33
Yenagoa	0

Generally speaking, Silos in operations appear significantly underutilized as indicated by the data collected. Our field surveys and questionnaires also suggest a chronic lack of funding which is hampering adequate maintenance and staff training. Similarly, there are reports of under-staffing at most Silos in operation. The concessioning of the Silo Complexes should bring new and long term funding from the private sector, thereby contributing to resolving these issues.

A number of Silo Complexes also include some form of agro-processing plants on their site, with which they share services or infrastructure. Our understanding is that management of these plants does not fall within the mandate of the SGR at FMARD. As such, these agro-processing plants are not within the scope of this transaction. That said, given that these plants are within the Silo Complexes and in some cases sharing infrastructure with them, it could be difficult to separate them from the actual Silo operations in the context of a concession. It is also worth keeping in mind that some bidders could attach a high value to these plants. Therefore, even though these plants are not presently within the scope of the transaction, they are relevant to the transaction. Further consideration should be given to the question of determining who to deal with them in the context of the transaction.



2. Introduction

2.1 Authority for the project

This project is carried out under a contract dated September 30, 2014 between the Federal Government of the Federal Republic of Nigeria represented by the Federal Ministry of Finance and the Lion's Head Global Partners Consortium ("LHGP Consortium"). The contract is for the provision of professional advisory services for the Concession of 33 Silo Complexes in Nigeria.

The LGHP Consortium includes:

- 1) Lion's Head Global Partners, an African-focused investment bank with offices in London and Nairobi actively advising investors, corporates and governments in the agriculture and infrastructure sectors.
- 2) CPCS, a global development consultancy with offices in Abuja and experience supporting FGN on previous PPP concessions as well as international legal expertise.
- 3) Yoeb Consultants Ltd, a Nigerian management and engineering firm with substantial experience evaluating the technical viability of agriculture infrastructure assets;
- 4) Triple E, a Nigerian environmental assessment consultancy experienced at completing high quality assessment for public and private clients
- 5) Benchmac and Ince, a Nigerian full service law partnership with substantial experience in infrastructure transactions and regulation, PPPs and privatisations.
- 6) MySilo, a global technical and engineering consultancy specialising in grain storage, handling and processing.

2.2 Objective of this Report

The objective of this report is to provide prospective investors or operators for Silo Complexes with an assessment of the current physical status of the Silo Complexes which includes:

- 1) Confirmation of the silo capacity
- 2) Inventory of the infrastructure and equipment available at the Silo Complexes' sites
- 3) Assessment of the condition of the infrastructure and equipment
- 4) Estimates of investments required to rehabilitate, repair or update the infrastructure and equipment as required for silos already commissioned

2.3 Disclaimer

This Technical Due Diligence Report is based on the information made available to the consulting team during their research and on the observations made during the field surveys. This document does not provide any guarantee regarding the current physical conditions of the silo complexes or investments required for their optimal operations. Bidders should be encouraged to carry out their own field visits to obtain first-hand information.

3. Methodology

3.1 Team

Yoeb Consultants Ltd (YCL), Technical Advisor within the Transaction Advisor's Team, led the Technical Due Diligence of the 31 Silo Complexes, under the direction of Engr. Adeniyi Ebun-Oluwa Talabi.

YCL is an engineering and management consulting firm dedicated to excellence in Agricultural, Civil/Structural, Environmental, Water Resources Engineering, Procurement Services, Project Development and Management, Staff Development and Training, Business Development and Packaging as well as Project Supervision.

The Chief Executive Officer of YCL is Engr. Adeniyi E. Talabi, Chartered Engineer. Engr. Talabi holds M.Sc. (Agricultural Engineering) from the University of Readings, UK in 1972 and B.Sc. (Agricultural Science) from University of Ife, Nigeria (Now Obafemi Awolowo University) in 1970. He is also a Fellow of the Nigerian Society of Engineers (2000), Fellow of the Institute of Agricultural Engineers (1998); Member of the Nigerian Institute of Food Science and Technology (1993); Registered Agricultural Engineer with Council for the Registration of Engineering in Nigeria (1983); Registered Chartered Engineer in England and European Union (1983); and Member of the American Society of Agricultural Engineers.

Engr. Talabi worked with the Federal Ministry of Agriculture and Rural Development which he retired from in 2002 after 35 years of service. Engr. Talabi was the pioneer Director of the National Strategic Grains Reserve Department. He is an expert in Agro- Processing and Food Storage, Water and Soil Conservation Management, Project Management, Agro-Infrastructure Development and Rehabilitation.

3.2 Field Surveys and Assessments

Prior to the commencement of the assignment, a team of four Engineers from Yoeb Consultants Limited carried out an advanced survey to the Minna Silo Complex, one of the operational silo sites. The objective was to obtain first-hand information on the layout, operations and equipment available on a typical SGR Silo Complex to inform the preparation of the technical evaluation questionnaire, presented in Annex A.

The technical evaluation questionnaire, designed in collaboration with other members of the transaction advisory team, was sent to each of the Silo Complexes' managers and provided to the field survey teams. The questionnaire and the subsequent analysis focused on the key functional components of the silos, as presented in Figure 2.3, Typical Silo System Flow Chart. In terms of technical due diligence, the teams also collected information regarding the conditions of civil structures, utilities and safety equipment at each of the Complexes.

A total of 11 survey teams totalling 21 engineers visited 31 of the Silo Complexes between November 10 and November 21, 2014. Figure 2.1 provides the dates of the field surveys at each of the Silo Complexes visited.

Table 7: Silo Complexes Visited

SN	Location	State	Date visited
1	Ado-Ekiti	Ekiti	12/11/2014
2	Akure	Ondo	12/11/2014
3	Bauchi	Bauchi	21/11/2014
4	Bulasa	Kebbi	12/11/2014
5	Dutsin-ma	Katsina	11/11/2014
6	Ezillo	Ebonyi	11/11/2014
7	Gaya	KaNo.	15/11/2014
8	Gombe	Gombe	11/11/2014
9	Gusau	Zamfara	10/11/2014
10	Ibadan	Oyo	11/11/2014
11	Igbariam	Anambra	12/11/2014
12	Ikenne	Ogun	12/11/2014
13	Ilesha	Osun	13/11/2014
14	Ilorin	Kwara	12/11/2014
15	Irrua	Edo	11/11/2014
16	Jahun	Jigawa	14/11/2014
17	Jalingo	Taraba	20/11/2014
18	Jos	Plateau	11/11/2014
19	Kaduna	Kaduna	10/11/2014
20	Kwali	FCT	10/11/2014
21	Lafia	Nasarawa	12/11/2014
22	Lafiaji	Kwara	13/11/2014
23	Lokoja	Kogi	11/11/2014
24	Makurdi	Benue	10/11/2014
25	Minna	Niger	10/11/2014
26	Ogoja	C/River	11/11/2014
27	Okigwe	Imo	13/11/2014
28	Sokoto	Sokoto	11/11/2014
29	Uyo	Akwa-Ibom	12/11/2014
30	Yenagoa	Bayelsa	12/11/2014
31	Yola	Adamawa	19/11/2014

As part of their mission, field survey teams toured the Silo Complexes' sites, inspected and took photos of the infrastructure and equipment and held discussions with Silo Complex

managers and technicians. Field survey teams took notes of the stages of on-going construction of civil structure, silo equipment present and already installed as well the constraints affecting the completion of these silo facilities where relevant.

Technical field surveys also performed a formal assessment of existing infrastructure and equipment. The grading system used throughout the assessment is presented in Figure 2.2.

Table 8: Infrastructure and Equipment Condition Grading Scale

Condition Grade	Equipment Description	Remedy action
1.Very good/Newly installed/Never been used	New or as new through very good maintenance	None
2.Good	Only few minor damages and little wear	Limited maintenance or rehabilitation may be required
3.Fair	Clear evidence of wear but structurally intact.	Some repairs or rehabilitation are likely required
4.Poor	Notable defects are evident. Intended use is hampered by defects.	Repairs or rehabilitation required to reinstate for intended good use
5.Very Poor	Significant defects or beyond repair. The structure cannot be used as intended. Risk of collapse is high.	Rehabilitation or repair is urgently required. The item should not be used until rehabilitated.

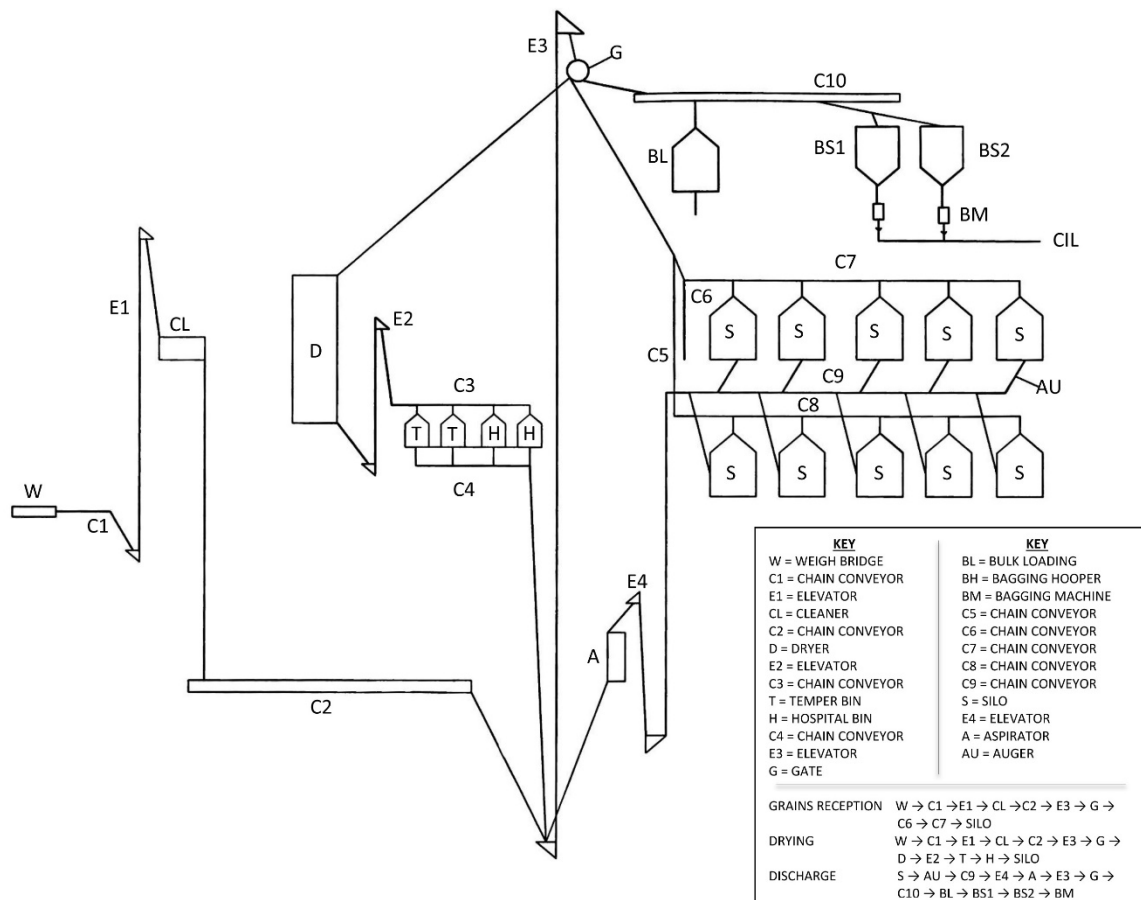
3.3 Silo Complex Utilization Potential

For each Silo Complex, the Team also developed a quantitative indicator to determine the utilization that can be made of the Silo Complexes in their current condition, expressed as a percentage of their full capacity. In other words, this indicator provides an indication of the availability of a Silo Complex for immediate utilization. We call it the Silo Complex Utilization Potential. To determine the utilization potential, the team followed the following process:

1. Identification and mapping of the critical items for the functionality of a Silo Complex
2. Weighting of these items in terms of their degree of importance to the functionality of the Silo Complex (Figure 2.3)
3. Quantitative grading of each component, based on the qualitative the infrastructure condition grading (Figure 2.4)
4. Computation of the Silo Complex overall utilization potential.

Details and results of this assessment for each silo are presented in Annex B.

Figure 1 - Typical Silo System Flow Chart



Source: Yoeb Consultants Limited

Figure 2 - Utilization Potential Table Weighted Components

S/N	ITEM	WEIGHTED % OF ITEM
1	WEIGH BRIDGE	8
2	INTAKE PIT	10
3	CONTROL PANEL	10
4	GRAIN CLEANER	10
5	ELEVATORS	10
6	DRAG CONVEYOR	10
7	SILO BINS 1-20 (1-10)	10
8	HOSPITAL BINS	2
9	TEMPERING BINS	2
10	BULK LOADING BIN	2
11	BAGGING PLANT	8
12	GENERATOR/POWER SUPPLY	10
13	LABORATORY EQUIPMENT	8
	% Utilization Potential	100

Source: Yoeb Consultants Limited

4. Silo Specific Analysis

4.1 Ado-Ekiti Silo Complex, Ekiti State

4.1.1 Location

The Ado-Ekiti Silo Complex, which belongs to group 4, is located at Polytechnic Road, Ado Ekiti, Ado Local Government Area of Ekiti State, and South West of Nigeria. It is about 7km from Ado-Ekiti town, the hub of the state capital of Ekiti State. The estimated travel time from Ado-Ekiti town to the Silo Complex is about 7 minutes.

4.1.2 Technical Specifications

The Silo Complex has a storage capacity of 100,000MT and is about 85% complete, as indicated by FMARD. It occupies an area of about 16 hectares. The Complex includes 20 silo bins of 5000mts capacity each; equipped with 9 temperature probes, 1 sweep Auger, 1 discharge conveyor and 2 aerators for each of the silo bins. The Complex also includes 2 hospital bins and 2 tempering bins.

The silo equipment present includes an intake pit, control panel, grain dryer, grain cleaner, elevators, conveyor and bagging plant. Other facilities within the Complex are warehouse, administrative block, water hydrants and workshop.

In term of utilities, the Complex is yet to be connected to the national grid, but has 2 generators of 350kva and 250kva capacities as alternative power supply source and 2 boreholes with the water treatment plant under construction.

A residential building containing 14 rooms for the Silo Complex staff is also available within the Complex.

4.1.3 Condition Overview and Utilization Potential

The assessment of the condition of the equipment and infrastructure is presented in Annex C. In terms of major items, the weigh bridge and mobile conveyor still need to be installed. Laboratory equipment, workshop tools and fire control equipment are yet to be supplied. The Complex also needs to be connected to the national grid. The utilization potential of this Complex is 79%.

4.1.4 Specifications Summary

Storage	Main Bins	20x SCAFCO 5000mt
	Temper Bins	2x SCAFCO 180mt
	Hospital Bins	2x SCAFCO 180mt
Intake and processing	Weigh bridge	Incomplete
	Dry Intake Pit	SCAFCO 50mt/hr
	Wet Intake Pit	SCAFCO 50mt/hr
	Dryer	Mathews Company 30 mt/hr
	Cleaner	Worldwide WWE MS-15 2131 50 mt/hr
Grain Mgmt	Control panel	SCAFCO
	Elevators	4 bucket elevators
	Drag (Chain) Conveyors	9x SCAFCO 50 mt/hr
	Mobile Conveyor	Not Available
	Main Augers	20x SCAFCO (Baldor) Screw Sweep Augers 50mt/hr 20x SCAFCO (Baldor) Screw Discharge Augers 4x SCAFCO 50 mt/hr Chain Conveyors
Offtake	Bulk Loader	SCAFCO 50MT
	Bagging Plant	4x Duress Control, 200 bags/hr
	Air Compressors	SCAFCO York 30bar
Utilities	Generators	2 x Mikano 350KVA & 250KVA
	Fuel Depot	Not Available
	Water	2 x borehole

4.1.5 Photos from Ado Ekiti Silo Complex



Photo 1: Untarred Entrance Access Road



Photo 2: Over Head Signage Of Ado Ekiti Complex



Photo 3: On-Going Construction Of Pavement



Photo 4: On-Going Construction Of Elevators Pit



Photo 5: Cat Ladder With Protective Guard



Photo 6: Roof Cat Ladder



Photo 7: Section Of Elevator Systems



Photo 8: Grain Drying And Cleaning Systems



Photo 9: Sprocket-Chain Conveyor System



Photo 10: Section Of Silo Bins, Hospital And Tempering Bins



Photo 11: Rust On Section Of Bin Roof Cover



Photo 12: Rust On Walk Way Protective Guard



Photo 13: Installed Centrifugal Aerators



Photo 14: Damage Bin Sheet Station



Photo 15: Utility Block



Photo 16: On-Going Construction Of Water Treatment Plan

4.2 Akure Silo Complex, Ondo State.

4.2.1 Location

The Akure Silo Complex, which belongs to group 1, is located along Oda Road, 10 Km from Akure City Centre, Ondo State, and South-West of Nigeria. The estimated travel time from Akure City centre to the Silo Complex is about 10 minutes' drive.

4.2.2 Technical Specifications

The Silo Complex has a storage capacity of 25,000mt and was completed in 1991. It covers an area of 10.3 hectares. The Complex includes 10 silo bins with 2,500mts capacity each equipped with 5 temperature probes, 2 Aerators, 1 Sweep Auger and 1 Discharge Auger, 1 dehumidifier in silo bins 1, 5, 6, 7 and 10. The Complex, also include 2 Hospital Bins and 2 Tempering Bins.

The silo equipment present includes a weigh bridge, intake pit, control panel, grain dryer, grain cleaner, elevators, conveyors and bagging plant. Other facilities within the Complex are warehouse, administrative block, water hydrants, fire extinguishers and workshop. Some workshop and laboratory tools are available. The sets are not complete.

In term of utilities, the Complex is connected to the National Grid, with 3 generators of 350 KVA, 250 KVA and 40 KVA capacities, as alternative power supply source; 1 borehole and a fuel depot.

An agro-processing plant is also under construction within this Silo Complex.

Residential Building containing 8 rooms for the staff of the Silo is available within the Complex.

4.2.3 Condition Overview and Utilization Potential

The assessment of the condition of the equipment and infrastructure is presented in Annex C. In terms of major items: The bagging plant/sewing machine needs replacement. The weigh bridge, silo bin 7, elevators, hospital bins 1 & 2, tempering bins 1 & 2 and bulk loading bin need repair. The available mobile conveyors on the site also need to be installed. Some workshop and laboratory tools sets also need to be provided. The utilization potential of this Complex is 85%.

4.2.4 Specifications Summary

Storage	Main Bins	10x Mulmix 2,500 mt
	Temper Bins	2x Mulmix 180 mt
	Hospital Bins	2x Mulmix 120 mt
Intake and processing	Weigh bridge	Mulmix 50MT
	Dry Intake Pit	Mulmix Matricolan 8077 30 mt/hr
	Wet Intake Pit	Mulmix Matricolan 8077 30 mt/hr
	Dryer	Mulmix 15 mt/hr
	Cleaner	Mulmix 30 mt/hr
Grain Mgmt	Control panel	Mulmix
	Elevators	5 cup elevators, 30 mt/hr
	Drag (Chain) Conveyors	11x 30 and 15 mt/hr
	Mobile Conveyor	Not Available
	Main Augers	10x Mulmix 30 mt/hr sweep augers 2x 15 mt/hr sweep augers 10x Mulmix 30 t/hr discharge augers 2x 15 mt/hr discharge augers
Offtake	Bulk Loader	Mulmix 90mt
	Bagging Plant	2x Fischbein Heavy Duty 120bags/hr
	Air Compressors	Shangair 1.5kw Xk06-110-00524
Utilities	Generators	3 x Mikani & Dumex (40kva, 250kva & 350kva)
	Fuel Depot	1 x 33,000 litres
	Water	1 x borehole

4.2.5 Photos from Akure Silo Complex



Photo 17: Akure Silo Complex Tarred Entrance Access Road



Photo 18: Intake Pit



Photo 19: Weigh Bridge Room



Photo 20: Control Panel



Photo 21: Section Of Silo Bins



Photo 22: Installed Dehumidifier



Photo 23: Electric Motor At The Elevator's Pit



Photo 24: Centrifugal Aerator



Photo 25: Silo Bin Cat-Ladder



Photo 26: Workshop/Store Room



Photo 27: Drying System



Photo 28: Warehouse



Photo 29: Residential Block: 8 Rooms



Photo 30: Dryer Elevator



Photo 31: Generators



Photo 32: Administrative Block

4.3 Bauchi Silo Complex, Bauchi State.

4.3.1 Location

The Bauchi Silo Complex, which belongs to group 4, is located along the Bauchi – Azare Road, Wailo village of Ganjuwa Local Government Area, Bauchi State, North-East of Nigeria. It is about 75km drive from Bauchi state capital and 30km to Darazo town. The estimated travel time from Bauchi to the Silo Complex is about 1 hour.

4.3.2 Technical Specifications

The Silo Complex has a storage capacity of 25,000mt and is 94% complete as indicated by FMARD. The Complex includes 10 Silo bins with 2,500mts capacity. Silo bins do not have temperature probes but are each equipped with 1 aerator and 1 sweep auger. The Complex is also equipped with a central discharge conveyor, 2 hospital bins with only 1 aeration fan and 2 tempering bin without aeration fans.

Silo equipment present which has been fully installed includes weigh bridge, grain dryer, elevators and drag chain conveyors, control panel, and intake pit. However, the mobile conveyors, laboratory tools and workshop tools have not been provided. Other facilities within the Complex are warehouse, administrative block and workshop block.

In term of utilities, the Complex is connected to the national grid; and there are 2 x250kva generators as alternative power supply source. Public water supply has not been connected, but a functional borehole has been drilled. A water treatment plant has not been provided. The electrical installation is on-going and an adjustment on the weigh bridge ramp is required for proper alignment.

There are a total of 6 rooms provided as residential building within the Silo Complex.

4.3.3 Condition Overview and Utilization Potential

The assessment of the condition of the equipment and infrastructure is presented in Annex C. Installation of the Silo bins and the weigh bridge needs to be completed while installation of the control panel, mobile conveyor and access roads has yet to begin. Laboratory tools and workshop equipment need to be provided. The utilization potential of this Complex is 64%.

4.3.4 Specifications Summary

Storage	Main Bins	10 x FRAME 2500mt
	Temper Bins	2 x FRAME 150mt
	Hospital Bins	2 x FRAME 150mt
Intake and processing	Weigh bridge	Not Recorded
	Dry Intake Pit	1 x FRAME
	Wet Intake Pit	1 x FRAME 30mt/hr
	Dryer	1 x FRAME 30mt/hr
	Cleaner	1 x FRAME 30mt/hr
Grain Mgmt	Control panel	D.K.C
	Elevators	3 Metal Cup Elevators
	Drag (Chain) Conveyors	14 x FRAME x 30mt/hr
	Mobile Conveyor	Not Available
	Main Augers	10 x FRAME Screw ABBSweep Augers 30mt/hr 2 x FRAME Discharge Chain Conveyor 30 mt/hr 4x FRAME 30 mt/hr Chain Conveyors
Offtake	Bulk Loader	FRAME 30MT
	Bagging Plant	2 x Paguerani
	Air Compressors	1 x Ceccato Aria compressa 10 Bar
Utilities	Generators	2 x Mikano 250KVA
	Fuel Depot	Not Available
	Water	1 x borehole

4.3.5 Photos from Bauchi Silo Complex



Photo 33: Bauchi Silo Complex Untarred Entrance Road



Photo 34: Unaligned Ramp With Weigh Bridge Platform



Photo 35: Intake Pits



Photo 36: Elevators



Photo 37: Centrifugal Aerators



Photo 38: Section Of Silo Complex Paved Area



Photo 39: Installation Of Bagging Plant On-Going



Photo 40: Generators



Photo 41: Section Of Uncompleted Roof Ceiling



Photo 42: Section Of Uncompleted Roof Ceiling

4.4 Bulasa Silo Complex, Kebbi State.

4.4.1 Location

The Bulasa Silo Complex, which belongs to group 3, is located in Bulasa, along Jegga - Birnin Kebbi Rd, Birnin-Kebbi Local Government, Kebbi State, North-West of Nigeria. It is about 2km from Birnin Kebbi, the state capital of Kebbi State. The estimated travel time from Birnin Kebbi to the Silo Complex is about 2 minutes by road.

4.4.2 Technical Specifications

The Silo Complex has a storage capacity of 100,000mt and is 92% complete (as provided by FMARD) because some office equipment is yet to be supplied. It occupies an area of 10.0 hectares. The Complex includes 20 silo bins with 5000mts capacity each equipped with 9 temperature probes, 1 sweep auger, 1 discharge auger and 2 aerators. Also provided in the Complex are 2 hospital bins and 2 tempering bins.

The silo equipment present includes a weigh bridge, intake pit, control panel, grain dryer, grain cleaner, elevators, conveyors and bagging plant. Other facilities within the Complex are warehouse, administrative block, water hydrants and workshop.

In term of utilities, the Complex has a dedicated transformer of 500KVA but is yet to be connected to the national grid. The Complex has 2 generators of each 350 KVA capacities as alternative power supply source and 1 borehole with 1.5m³/hr capacity of water treatment plant.

The residential building within the Silo Complex contains 14 rooms for Silo staff.

4.4.3 Condition Overview and Utilization Potential

The assessment of the condition of the equipment and infrastructure is presented in Annex C. The Silo Complex is newly completed, but minor repair work need to be carried out including for: Roof leakages in the manager's residence and warehouse as well fixing of flash band at the seating edge of all Silo bins on the concrete basement. Laboratory equipment, fire extinguishers, workshop tools also need to be supplied and the Complex need to be connected to the National grid system. The utilization potential of this Complex is 92%.

4.4.4 Specifications Summary

Storage	Main Bins	20x SCAFCO 5000mt
	Temper Bins	2x SCAFCO 225.27mt
	Hospital Bins	2x SCAFCO 225.27mt
Intake and processing	Weigh bridge	Fair Bank 2500 F2 60mt
	Dry Intake Pit	Grand Island 50mt/hr
	Wet Intake Pit	Grand Island 50mt/hr
	Dryer	Mathews Company Md1195 50mt/hr
	Cleaner	NECO Rotary WWE MS-15 213T 50mt/hr
Grain Mgmt	Control panel	Duren Controls Inc. 3161
	Elevators	10 bucket elevators 50mt/hr
	Drag (Chain) Conveyors	12x 50mt/hr
	Mobile Conveyor	2x York
	Main Augers	20x M2333T-50 Screw 50mt/hr Sweep Augers 20x Hutchinson 1032269-20 Screw 50m t/hr Discharge Augers 4x SCAFCO 50mt/hr Chain Conveyors
Offtake	Bulk Loader	Compuweigh Corporation 02-059A2 CWC - 0565 50mt
	Bagging Plant	2x Leeson Electric C6T17FC2G 30mt/hr
	Air Compressors	2x Speedaire 36B10T848H1
Utilities	Generators	2x 350KvA Mikano
	Fuel Depot	N/A
	Water	1x Borehole

4.4.5 Photos from Bulasa Silo Complex



Photo 43: Kebbi Silo Complex



Photo 44: Bagging Plant



Photo 45: Weigh Bridge



Photo 46: Elevators



Photo 47: Grain Dryer



Photo 48: Conveyor



Photo 49: Grains Cleaner



Photo 50: Discharge Auger



Photo 51: Centrifugal Aerator

4.5 Dutsin-ma Silo Complex, Katsina State.

4.5.1 Location

This Silo Complex, part of group 3, is located at Darawa Village Dutsin-ma Local Government Area, Katsina State, North West of Nigeria. It is on Dutsin-ma – Katsina express road with about 32km to Katsina the state capital and 1 km from Katsina State University. The estimated travel time from Katsina State University to the Silo Complex is about 5 minutes.

4.5.2 Technical Specifications

The Silo Complex has a storage capacity of 25,000mt and was completed in 2014. It covers an area of 3.65 hectares. The Complex includes 10 Silo bins with 2,500mts capacity each equipped with 7 temperature probes, 2 aerators, 1 sweep auger and 1 discharge auger. The Complex also includes 2 hospital bins and 2 tempering bins.

The Silo equipment present includes a weigh bridge, intake pit, control panel, grain dryer, grain cleaner, elevators, conveyor and bagging plant with hand held stitching machine. Other facilities within the Complex are warehouse, administrative block, water hydrants (plus fire extinguishers), workshop without tools, laboratory without quality control equipment.

In term of utilities, the Complex is connected to the national grid, with 2 generators of 380 KVA capacity each, as alternative power supply source and 1 borehole.

Residential building containing 8 rooms for the Silo Staff is also available within the Complex.

4.5.3 Condition Overview and Utilization Potential

The assessment of the condition of the equipment and infrastructure is presented in Annex C. It is a newly constructed Silo all the equipment is yet to be put to use. Workshop and laboratory tools should be provided. The handheld sewing machine should be replaced with industrial sewing machine. The utilization potential of the Complex is 86.5%.

4.5.4 Specifications Summary

Storage	Main Bins	10x Chief 2500mt
	Temper Bins	2x Chief 160mt
	Hospital Bins	2x Chief 160mt
Intake and processing	Weigh bridge	Chief 60mt
	Dry Intake Pit	CALDWELL 50mt/hr
	Wet Intake Pit	CALDWELL 50mt/hr
	Dryer	Incomplete
	Cleaner	Carter-Day Company 50mt/hr
Grain Mgmt	Control panel	Chief DY68XF
	Elevators	5 bucket elevators 50mt/hr
	Drag (Chain) Conveyors	12x Chief 50mt/hr
	Mobile Conveyor	2x Mobile Conveyor
	Main Augers	10x Balder Industrial screw sweep Augers 50mt/hr 10x Balder Industrial screw discharge Augers 50mt/hr 4x Balder Industrial 50mt/hr Chain Conveyors
Offtake	Bulk Loader	Chief 50mt
	Bagging Plant	2x Heavy Duty/Manual Hand Held Sewing Machine.
	Air Compressors	N/A
Utilities	Generators	2x 380KvA O' Brien Machinery
	Fuel Depot	N/A
	Water	1x Borehole

4.5.5 Photos from Dutsin-Ma Silo Complex



Photo 52: Paved Entrance Access Road



Photo 53: Entrance Gate



Photo 54: Weigh Bridge



Photo 55: Intake Pit



Photo 56: Tempering And Hospital Bins



Photo 57: Elevator System



Photo 58: Continuous Flow Drying System



Photo 59: Cleaning System



Photo 60: Silo Bins



Photo 61: Silo Cat-Ladder



Photo 62: Centrifugal Aerators



Photo 63: Centrifugal Aerators



Photo 64: Bagging Plant Hopper



Photo 65: Bagging Holding Bin



Photo 66: Bagging Plant Conveyor



Photo 67: Mobile Conveyors



Photo 68: Generators



Photo 69: Water Treatment Plant



Photo 70: Paved Area Within The Silo Complex



Photo 71: Warehouse

4.6 Ezillo Silo Complex, Ebonyi State.

4.6.1 Location

This Silo Complex, part of group 1, is located at Ezillo, Ebonyi State, in the South East of Nigeria. It is on Enugu - Abakaliki road with about 42km to Enugu and 38km to Abakaliki. The estimated travel time from Enugu to the Silo Complex is about forty five minutes.

4.6.2 Technical Specifications

The Silo Complex has a storage capacity of 25,000mt and was completed in 2012 and operational. It covers an area of 4 hectares. The Complex includes 10 Silo bins with 2,500mts capacity each equipped with 4 temperature probes, 2 aerators, 1 sweep auger and 1 discharge auger. The Complex also includes 2 hospital bins and 2 tempering bins.

The Silo equipment present includes a weigh bridge, intake pit, control panel, grain dryer, grain cleaner, elevators, conveyor and bagging plant. Other facilities within the Complex are warehouse, administrative block, water hydrants and fire extinguishers.

In term of utilities, the Complex is connected to public water supply and the national grid, with 2 generators of 350 KVA and 40 KVA capacities, as alternative power supply source; 1 borehole and a fuel depot.

4.6.3 Condition Overview and Utilization Potential

The assessment of the condition of the equipment and infrastructure is presented in Annex C. There are a number of outstanding items like Bulkloading bin as well as one additional aeration fan for Silo bins 6,7,8,9 and 10 that need to be provided and installed. Workshop and laboratory tools need to be supplied. The generator also requires minor repairs. The utilization potential of this Complex is 87%.

4.6.4 Specifications Summary

Storage	Main Bins	10 x GS1 2,500mt
	Temper Bins	2 x GS1 500mt
	Hospital Bins	2 x GS1 500mt
Intake and processing	Weigh bridge	Avery 50MT
	Dry Intake Pit	GS1 50mt/hr
	Wet Intake Pit	GS1 50mt/hr
	Dryer	Airstream DC452 30mt/hr
	Cleaner	MARROT 50mt/hr
Grain Mgmt	Control panel	KLOCKER MOELLER Z684934
	Elevators	4 x bucket elevator 50mt/hr
	Drag (Chain) Conveyors	13 x 50mt/hr conveyors
	Mobile Conveyor	2 x Express Scale Parts 15INGL
	Main Augers	10 x SUKUP Screw 40mt/hr Sweep Augers 10 x SUKUP Screw 40mt/hr Discharger Auger 4 x SUKUP Screw Discharge Augers
Offtake	Bulk Loader	N/A
	Bagging Plant	2 x Tascolshore Engineering JF1888733/T33E 30mt/hr
	Air Compressors	C.WOERMANN B5900 9bar
Utilities	Generators	2 x 350KVA Perkins 1 x 40KVA Perkins
	Fuel Depot	2x 33,000 litres
	Water	Connection to public water supply 1 x Borehole

4.6.5 Photos from Ezillo Silo Complex



Photo 72: Ezillo Silo Complex



Photo 73: Intake Pit



Photo 74: Weigh Bridge



Photo 75: Elevators



Photo 76: Section of Silo Bins



Photo 76: Discharge Augers



Photo 77: Centrifugal Aerators



Photo 78: Central Ground Conveyor System



Photo 79: Grain Drying System



Photo 80: Grain Drying System



Photo 81: Section Of Grains Cleaner



Photo 82: Section Of Grains Cleaner



Photo 83: Warehouse



Photo 84: Bagging Plant



Photo 85: Conveyor System



Photo 86: Transformer



Photo 87: Generator



Photo 88: Generator



Photo 89: Generator

4.7 Gaya Silo Complex, Kano State.

4.7.1 Location

This Silo Complex, part of group 4, is located at Gaya, Kano State, North West of Nigeria. It is on Kano, Jahun road with about 51 km from Kano and 75km to Jahun. The estimated travel time from Kano to the Silo Complex is about 1hour 15 minutes.

4.7.2 Technical Specifications

The Silo Complex has a storage capacity of 25,000mt and is about 75% complete as indicated by FMARD. It covers an area of about 6 hectares. The Complex includes 10 Silo bins with 2,500mts capacity each equipped with 4 temperature probes, 2 aerators, 1 sweep auger and 1 discharge auger. Also in the Complex are 2 hospital bins and 2 tempering bins.

The Silo equipment present includes a weigh bridge, intake pit, control panel, grain dryer, grain cleaner, elevators, and conveyor. Other facilities within the Complex are warehouse, administrative block, laboratory, fire hydrants and workshop.

In term of utilities, the Complex is connected to the national grid, with 2 generators of 250kva capacity, as alternative power supply source. It is also equipped with 1 borehole.

A residential building with 8 rooms for the Silo staff is also available within the Complex.

4.7.3 Condition Overview and Utilization Potential

The assessment of the condition of the equipment and infrastructure is presented in Annex C. The bagging plant and mobile conveyor are awaiting installation. Laboratory tools, workshop tools and fire extinguishers need to be provided. The utilization potential of this Complex is 82%.

4.7.4 Specifications Summary

Storage	Main Bins	10 x Mulmix 2,500mt
	Temper Bins	2 x Mulmix 150mt
	Hospital Bins	2 x Mulmix 150mt
Intake and processing	Weigh bridge	Temopese 80MT
	Dry Intake Pit	Mulmix CC50 50 mt/hr
	Wet Intake Pit	Mulmix CC50 50 mt/hr
	Dryer	Marchetti STHRAL30 30mt/hr
	Cleaner	Zanin PC60 70mt/hr
Grain Mgmt	Control panel	Mulmix
	Elevators	4 cup elevators 30mt/hr
	Drag (Chain) Conveyors	20 x Mulmix 50mt/hr conveyors
	Mobile Conveyor	N/A
	Main Augers	10 x Mulmix 50mt/hr Screw Sweep Augers 10 x Mulmix 50mt/hr Chain Discharge Conveyors 4 x Mulmix 50mt/hr Screw Discharge Augers
Offtake	Bulk Loader	Mulmix FC100 100mt/hr
	Bagging Plant	Awaiting Installation
	Air Compressors	Awaiting Installation
Utilities	Generators	2x 250KVA
	Fuel Depot	N/A
	Water	1x Borehole

4.7.5 Photos from Gaya Silo Complex



Photo 90: Gaya Silo Complex Entrance Access Road



Photo 91: Elevator



Photo 92: Weigh Bridge



Photo 93: Bad Drainage System



Photo 94: Generators



Photo 95: Water Treatment Plant



Photo 96: Transformer



Photo 97: Bagging Plant

4.8 Gombe Silo Complex, Gombe State.

4.8.1 Location

This Silo Complex, part of group 1, is located at Gombe, Kwami Local Govt Area of Gombe State, North East of Nigeria. It is on Gombe - Kano road about 500m from Kwami town and 400km to Kano. The estimated travel time from Kwami to the Silo Complex is about one minute.

4.8.2 Technical Specifications

The Silo Complex has a storage capacity of 25,000mt and was completed in 1988. It covers an area of 4.6 hectares (5.4ha undeveloped area). The Complex includes 10 Silo bins with 2,500mts capacity each equipped with 3 temperature probes, 2 aerators and 1 sweep auger. The Complex also includes 1 discharge conveyor, 2 hospital bins and 2 tempering bins.

The Silo equipment present includes a weigh bridge, intake pit, control panel, grain dryer, grain cleaner, elevators, drag (chain) conveyors and bagging plant. Other facilities within the Complex are warehouse, administrative block, water hydrant, fire extinguishers, workshop with tools and laboratory with quality control equipment.

In term of utilities, the Complex is connected to the national grid, with 3 generators of 350 kva, 1 no. 250kva and 40kva capacities, as alternative power supply source; 1 borehole (not functional) and an unserviceable fuel depot.

There is also an agro-Processing plant under construction within this Silo Complex.

4.8.3 Condition Overview and Utilization Potential

The assessment of the condition of the equipment and infrastructure is presented in Annex C. The weighbridge, control panel and intake pit need some repairs. Similarly, the sweep auger and discharge auger need to be repaired for Silo bin 6,7,8,9, 10 as well as aeration fans for Silo bin 2, 6, 8. Issues with temperature probes also need to be addressed for all Silo bins. A tool box for the mobile conveyor as well as some workshop tools need to be provided. Finally, the Silo Complex is facing challenges in terms of water supply as neither the borehole nor the connection to the public water system is functional. The utilization potential of this Complex is 88.8%.

4.8.4 Specifications Summary

Storage	Main Bins	10 x Law Denis x 2500mt
	Temper Bins	2 x Law Denis x 150mt
	Hospital Bins	2 x Law Denis x 150mt
Intake and processing	Weigh bridge	1 x Bascule Trayvou 50MT
	Dry Intake Pit	1 x Law Denis 50mt/hr
	Wet Intake Pit	1 x Law Denis 50mt/hr
	Dryer	1 x Law Denis
	Cleaner	1 x Law Denis 50mt/hr
Grain Mgmt	Control panel	Secemia
	Elevators	6 Bucket Elevators
	Drag (Chain) Conveyors	1 x Law Denis x 50mt/hr
	Mobile Conveyor	Not Available
	Main Augers	10 x Law Denis Screw Sweep Augers 50mt/hr 10 x Law Denis Screw Discharge Auger 50mt/hr 4 x Law Denis Chain Conveyors 50 mt/hr
Offtake	Bulk Loader	Law Denis 50MT
	Bagging Plant	2 x FISCHBEM/Law Denis x 15tons/hr each
	Air Compressors	3 x Starlite
Utilities	Generators	2 x 350 kVA, 1 x 250kVA 1 x 40 kVA (F.G Wilson & Mikano)
	Fuel Depot	1 x 50, 000 litres
	Water	1 x borehole

4.8.5 Photos from Gombe Silo Complex



Photo 98: Tarred Entrance Access Road

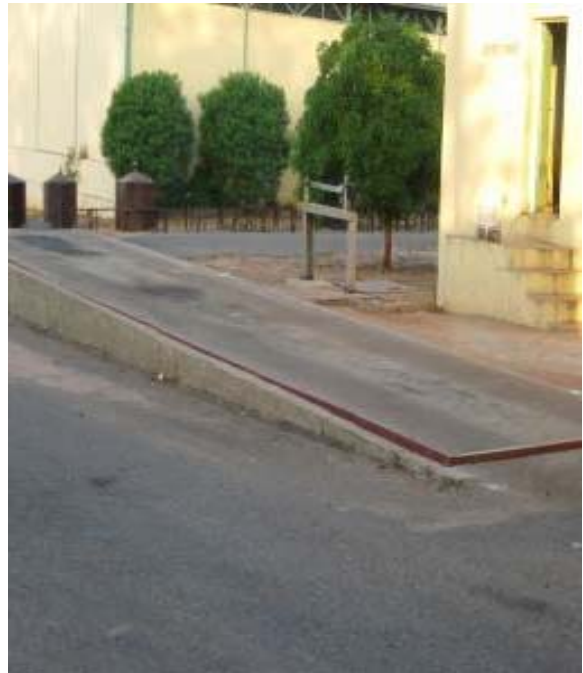


Photo 99: Weighbridge



Photo 100: Intake Pit



Photo 101: Elevators



Photo 102: Grain Drying System



Photo 103: Section Of Silo Bins



Photo 104: Tempering Bins



Photo 105: Hospital Bins



Photo 106: Discharge Auger



Photo 107: Discharge Auger



Photo 108: Centrifugal Aerator

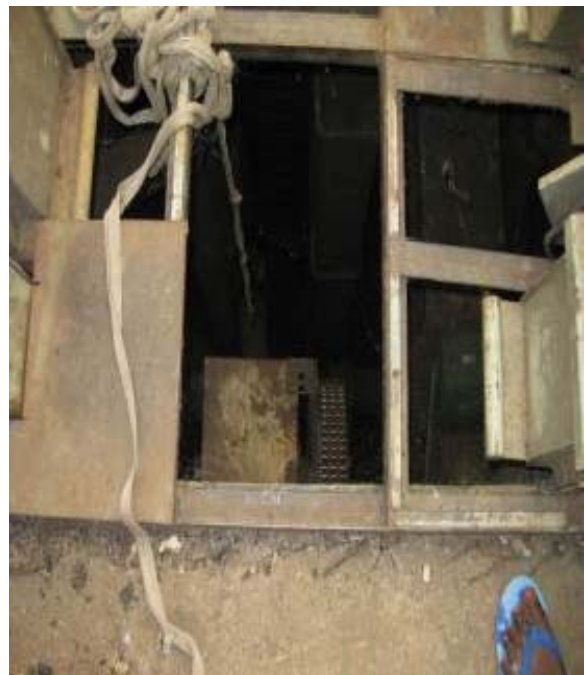


Photo 109: Elevator's Pit



Photo 110: Transformer



Photo 111: Generator



Photo 112: Generator



Photo 113: Control Panel



Photo 114: Dilapidated Drainage



Photo 115: Bad Rest Room



Photo 116: Dilapidated Internal Road Network



Photo 117: Deteriorating Ceiling



Photo 118: Bulk Loading



Photo 119: Bagging Plant

4.9 Gusau Silo Complex, Zamfara State.

4.9.1 Location

This Silo Complex, part of group 4, is located off Km 12 between Kontagora roundabout and Kaora Namuda Rd, Bungudu Local Government, Gusau, Zamfara State, North West of Nigeria. It is about 13.5km from Gusau town, the state capital of Zamfara State. The estimated travel time from Gusau to the Silo Complex is about 10 minutes. The Silo site is connected to the paved road with a virgin road (green road) of about 2.0km.

4.9.2 Technical Specifications

The Silo Complex has a storage capacity of 100,000mt and is about 94% complete (as provided by the FMARD). The area covered by the Silo Complex is 2.15 hectares. The Complex includes 20 of Silo bins with 5000mts capacity each, equipped with 9 temperature probes, 1 sweep auger, 1 discharge conveyor and 2 aerators. The Complex also includes 2 hospital bins and 2 tempering bins.

Other Silo equipment installed include: weigh bridge, intake pit, control panel, grain dryer, grain cleaner, elevators, conveyors and bagging plant. Other facilities provided within the Complex are warehouse, administrative block, water hydrants and workshop.

In term of utilities, the Complex is yet to be connected to the National Grid but has 2 generators of 250KVA capacities as alternative power supply source and 1 borehole with the water treatment plant under construction. The site has a fuel depot.

The residential building within the Silo Complex contains 14 rooms as accommodation for the Silo staff.

4.9.3 Condition Overview and Utilization Potential

The assessment of the condition of the equipment and infrastructure is presented in Annex C. The mobile conveyor is awaiting installation. Laboratory equipment, workshop tools, fire extinguishers are yet to be supplied. Construction of access roads to the Silo Complex also need to be carried out, as well as connection to the National grid. The utilization potential of this Complex is 91%.

4.9.4 Specifications Summary

Storage	Main Bins	20 x SCAFCO 5000mt
	Temper Bins	2 x SCAFCO 250mt
	Hospital Bins	2 x SCAFCO 250mt
Intake and processing	Weigh bridge	E Air Bank 60mt
	Dry Intake Pit	SCAFCO 50mt/hr
	Wet Intake Pit	SCAFCO 50mt/hr
	Dryer	Mathews Company Md1195 50mt/hr
	Cleaner	CSL Rotary WWE MS-15 213T 50mt/hr
Grain Mgmt	Control panel	SCAFCO
	Elevators	10 bucket elevators 50mt/hr
	Drag (Chain) Conveyors	12 x 50mt/hr
	Mobile Conveyor	2 x York
	Main Augers	20 x Scafco AT 1.5-18-56CB Screw Sweep Augers 50mt/hr 20x Hutchinson 1032269-20 Screw Discharge Augers 50mt/hr 4x SCAFCO 50mt/hr Chain Conveyors
Offtake	Bulk Loader	2 x Compuweigh Corporation CWC - 0565 50mt
	Bagging Plant	4x Union Special Corporation 80800C
	Air Compressors	SCAFCO 1wd61
Utilities	Generators	2 x 350KvA CAT
	Fuel Depot	1 x 33, 000 Litres
	Water	1 x Borehole

4.9.5 Photos from Gusau Silo Complex



Photo 120: Gusau Silo Complex



Photo 121: Weighbridge



Photo 122: Intake Pit



Photo 123: Elevators



Photo 124: Elevators Pit



Photo 125: Grain Cleaner



Photo 126: Grain Drying System



Photo 127: Tempering Bin



Photo 128: Silo Bins



Photo 129: Conveyor



Photo 130: Centrifugal Aerators



Photo 131: Elevators



Photo 132: Section Of Paved Area



Photo 133: Generator



Photo 134: Drainage



Photo 135: Generator

4.10 Ibadan Silo Complex, Oyo State.

4.10.1 Location

The Silo Complex, part of group 1, is located at Iyana Church, Ibadan, Iwo Road, Lagelu Local Government Area, Ibadan, Oyo State, and South-West of Nigeria. It is about 4km drive to Ibadan, the state capital of Oyo State. The estimated travel time from Ibadan to the Silo Complex is about 5 minutes.

4.10.2 Technical Specifications

The Silo Complex has a storage capacity of 25,000mt and was commissioned in 2006. It covers an area of 10 hectares, but only 4 hectares was fenced for the Complex. The Complex includes 10 silo bins each of 2,500mts capacity and each equipped with 4 temperature probes, 2 aeration fans, and 1 discharge auger. The Complex also includes 2 hospital bins and 2 tempering bins.

The silo equipment present includes a weigh bridge, intake pit, control panel, grain dryer, grain cleaner, elevators, conveyor and bagging plant. Other facilities within the Complex are warehouse, administrative block, fire hydrants, fire extinguishers, workshop, and laboratory with quality control equipment as well as a tractor.

In term of utilities, the Complex is connected to the national grid and includes 3 generators of 380 KVA, 250 KVA and 40 KVA capacities, as alternative power supply source; 1 borehole and fuel depot that has not yet been put to use.

There is an Agro-Processing plant under construction within this Silo Complex.

4.10.3 Condition Overview and Utilization Potential

The assessment of the condition of the equipment and infrastructure is presented in Annex C. Repairs need to be carried out on the temperature probes, while sweep augers also need to be installed in all the silo bins. Aeration fans on the hospital bins need replacement. Missing laboratory equipment and workshop tools as well as additional fire hydrant points and fire extinguishers need to be provided. Internal road network has a few large pot holes which should be fixed. The utilization potential of this Complex is 87%.

4.10.4 Specifications Summary

Storage	Main Bins	10 x Law Denis 2,500mt
	Temper Bins	2 x Law Denis 180mt
	Hospital Bins	2 x Law Denis 180mt
Intake and processing	Weigh bridge	Precia Molem T802 A 50MT
	Dry Intake Pit	Law Denis 30mt/hr
	Wet Intake Pit	Law Denis 30mt/hr
	Dryer	Law Denis 12mt/hr
	Cleaner	Law Denis 30mt/hr
Grain Mgmt	Control panel	Law Denis
	Elevators	5 bucket elevators
	Drag (Chain) Conveyors	15 x Law Denis 30mt/hr
	Mobile Conveyor	1 x Alvan Blanch M1085FB22:1:64 REM
	Main Augers	Sweep Augers N/A 10 x Law Denis Discharge Augers 30mt/hr 4 x Law Denis Discharge Conveyors 30mt/hr
Offtake	Bulk Loader	Law Denis 35mt/hr
	Bagging Plant	2 x Fischbein 35mt/hr Industrial automatic
	Air Compressors	Jonodet 80-1-02-641-6.3 bar 10HP
Utilities	Generators	1 x 250KVA Mikano 1 x 380 Perkins 1 x 40KVA JMG
	Fuel Depot	1 x 60,000 litres
	Water	1 x Borehole

4.10.5 Photos from Ibadan Silo Complex



Photo 136: Ibadan Silo Complex



Photo 137: Intake Pit



Photo 138: Weigh Bridge Room



Photo 139: Elevators



Photo 140: Tempering Bins and Hospital Bins



Photo 141: Centrifugal Aerator



Photo 142: Silo Bins



Photo 143: Discharge Auger

4.11 Igbariam Silo Complex, Anambra State.

4.11.1 Location

This Silo Complex, part of group 4, is located at Igbariam, Anambra State, and South East of Nigeria. It is about 10km from Awka, the state capital of Anambra State. The estimated travel time from Awka to the Silo Complex is about 10 minutes.

4.11.2 Technical Specifications

The Silo Complex has a storage capacity of 25,000mt and construction is still on-going. The Silo Complex is at 74% completion, as indicated by FMARD. It covers an area of 4.125 hectares. The Complex includes the on-going installation of 10 Silo bins with 2,500mts capacity each equipped with 8 temperature probes without dehumidifiers. The installation of other ancillary equipment for each of the Silos like aerators, sweep and discharge augers is on-going. Two hospital bins and 2 tempering bins are also being installed.

Silo equipment undergoing installation includes: weigh bridge, intake pit, control panel, grain dryer, grain cleaner, elevators, conveyors and bagging plant. Other facilities within the Complex are warehouse, administrative block, fire hydrants fire extinguishers, workshop and utility block, which are also under construction.

In terms of utilities, the Complex includes a functional borehole but has not been connected to the national grid. A generator to act as an alternative source of power has to be supplied.

4.11.3 Condition Overview and Utilization Potential

The assessment of the condition of the equipment and infrastructure is presented in Annex C. All the elements critical to the operations of the Silo are still undergoing construction or installation. Until construction and installation works of critical elements are completed, the Silo Complex cannot operate. The utilization potential of this Complex is 0%.

4.11.4 Specifications Summary

Storage	Main Bins	10 x GS1 2,500mt
	Temper Bins	2 x GS1 500mt
	Hospital Bins	2 x GS1 500mt
Intake and processing	Weigh bridge	Awaiting Installation
	Dry Intake Pit	Awaiting Installation
	Wet Intake Pit	Awaiting Installation
	Dryer	Awaiting Installation
	Cleaner	Awaiting Installation
Grain Mgmt	Control panel	Awaiting Installation
	Elevators	Awaiting Installation
	Drag (Chain) Conveyors	Awaiting Installation
	Mobile Conveyor	Awaiting Installation
	Main Augers	Awaiting Installation
Offtake	Bulk Loader	Awaiting Installation
	Bagging Plant	Awaiting Installation
	Air Compressors	Awaiting Installation
Utilities	Generators	Awaiting Installation
	Fuel Depot	N/A
	Water	Borehole under construction

4.11.5 Photos from Igbariam Silo Complex



Photo 144: Igbariam Silo Complex Under Construction



Photo 145: Installation On-Going



Photo 146: Installed Silo Bins



Photo 147: Silo Components Installation On-Going



Photo 148: Silo Components Installation On-Going



Photo 149: Silo Components Stored In Warehouse



Photo 150: Silo Bins Cat-Ladders Installation On-Going



Photo 151: Construction Of Ancillary Structures On-Going

4.12 Ikenne Silo Complex, Ogun State.

4.12.1 Location

The Ikenne Silo Complex, part of group 3, is located at Ikenne, Ogun State, South-West of Nigeria. It is about 64.1km (1hr 4minutes) drive to Abeokuta, the state capital of Ogun State.

4.12.2 Technical Specifications

The construction is 100% completed but needs technical commissioning to ascertain the efficiency of the installed equipment. The Silo Complex has a storage capacity of 25,000mt. It covers an area of 4.08 hectares. The Complex includes 10 silo bins with 2,500mts capacity each. Also each silo bin is equipped with 6 temperature probes (except of silo bin 1 with 5 temperature probes), 1 sweep auger, 1 discharge conveyor and 2 aerators. The Complex is also equipped with 2 hospital bins and 2 tempering bins.

The silo equipment present includes a weigh bridge, intake pit, control panel, grain dryer, grain cleaner, elevators, conveyors and bagging plant. Other facilities within the Complex are warehouse, administrative block, water hydrants and workshop.

In term of utilities, the Complex has a dedicated transformer of 500KVA connected to the national grid. The Complex has two generators of 250 KVA capacities each as alternative power supply source, 1 borehole of 9l/s flow rate (faulty) and a water treatment plant.

The residential building within the Silo Complex contains 8 rooms for the silo staff.

4.12.3 Condition Overview and Utilization Potential

The assessment of the condition of the equipment and infrastructure is presented in Annex C. The Silo Complex is newly completed. Fire extinguishers as well as laboratory tools and workshop tools need to be provided. The borehole pumping machine needs replacement. The utilization potential of this Complex is 92%.

4.12.4 Specifications Summary

Storage	Main Bins	20 x SCAFCO 5000mt
	Temper Bins	2 x SCAFCO 225.27mt
	Hospital Bins	2 x SCAFCO 225.27mt
Intake and processing	Weigh bridge	1x Fairbank
	Dry Intake Pit	Grand Island 50 mt/hr
	Wet Intake Pit	Grand Island 50 mt/hr
	Dryer	Mathew Company, 50MT
	Cleaner	NECO 50 mt/hr
Grain Mgmt	Control panel	Duren Controls Inc., US
	Elevators	10 Bucket Elevators
	Drag (Chain) Conveyors	12 x 50mt/hr
	Mobile Conveyor	2 x YORK
	Main Augers	20x Screw Sweep Augers 20 x Hutchinson Screw Discharge Augers 50 mt/hr 4 x Chain Conveyors 50 mt/hr
Offtake	Bulk Loader	Compu Weigh Corporation 50MT
	Bagging Plant	2 x 30mt/hr
	Air Compressors	2 x SPEEDAIRE
Utilities	Generators	2 x Power Pro x 250KVA
	Fuel Depot	Not Available
	Water	1 x borehole

4.12.5 Photos from Ikenne Silo Complex



Photo 152: Ikenne Silo Complex Entrance Access Road



Photo 153: Centrifugal Aerators



Photo 154: Weighbridge



Photo 155: Discharge Augers



Photo 156: Intake Pit



Photo 157: Intake Pit



Photo 158: Control Panel



Photo 159: Tempering Bins



Photo 160: Grains Drying System



Photo 161: Grains Cleaner



Photo 162: Silo Bins



Photo 163: Silo Equipment Present Cross And Parallel Conveyors



Photo 164: Transformer



Photo 165: Elevators Pit



Photo 166: Generators



Photo 167: Bagging Plant With Conveyor System



Photo 168: Water Treatment Plant



Photo 169: Open Drainage System



Photo 170: Weigh Bridge Monitor And Printer



Photo 171: Section Of Paved Area Within Silo Complex

4.13 Ilesha Silo Complex, Osun State

4.13.1 Location

This Silo Complex, part of group 2, is located at Ilesha, Osun State, and South West of Nigeria. It is situated at Ilerin off-Ilesha/Ikire road about 10km from Ilesha town. The estimated travel time from Ilesha town to the Silo Complex is about 10 minutes.

4.13.2 Technical Specifications

The Silo Complex has a storage capacity of 25,000mt and was completed in 2012. It covers an area of 4 hectares. The Complex includes 10 silo bins with 2,500mts capacity each equipped with 4 temperature probes, 2 aerators, 1 sweep auger and 1 discharge conveyor. The Complex also includes 2 hospital bins and 2 tempering bins.

The Silo Complex is also equipped with a weigh bridge, intake pit, control panel, grain dryer, grain cleaner, elevators, conveyors and a bagging plant. Other facilities within the Complex are warehouse, administrative block, fire hydrants fire extinguishers, workshop with tools, and a laboratory with quality control equipment.

In term of utilities, the Complex is connected to the national grid, with 2 generators of 250 KVA capacity each, as alternative power supply source; 1 borehole and a serviceable fuel depot.

A residential building containing 8 rooms for the silo staff is also available within the Complex.

4.13.3 Condition Overview and Utilization Potential

The assessment of the condition of the equipment and infrastructure is presented in Annex C. Only the sets of laboratory and workshop tools/equipment are missing items and should be completed. The utilization potential of the Complex is 95%.

4.13.4 Specifications Summary

Storage	Main Bins	10 x Frame 2,500mt
	Temper Bins	2 x Frame 200mt
	Hospital Bins	2 x Frame 200mt
Intake and processing	Weigh bridge	Modular SPB/M 60MT
	Dry Intake Pit	Frame 50mt/hr
	Wet Intake Pit	Frame 50mt/hr
	Dryer	Frame 30mt/hr
	Cleaner	Frame 50mt/hr
Grain Mgmt	Control panel	Frame
	Elevators	3 cup elevators 50mt/hr
	Drag (Chain) Conveyors	6x Frame 50mt/hr conveyors
	Mobile Conveyor	N/A
	Main Augers	10 x Frame 50mt/hr Screw Sweep Augers 2 x Frame 50mt/hr Central Discharge Conveyors 2 x Frame 50mt/hr Screw sweep Augers 4 x Frame 50mt/hr Discharge Conveyors
Offtake	Bulk Loader	Frame 50mt/hr
	Bagging Plant	2x Paglierani Union Special 1200 bags/hr
	Air Compressors	CECCATO CSA10500DG2 10bar
Utilities	Generators	2x 250KVA Mikano
	Fuel Depot	N/A
	Water	1x Borehole

4.13.5 Photos from Ilesha Silo Complex



Photo 172: Ilesha Silo Complex Entrance Access Road



Photo 173: Central Discharge Conveyor



Photo 174: Weighbridge



Photo 175: Overhead Conveyors



Photo 176: Centrifugal Aerators



Photo 177: Bagging Plant



Photo 178: Elevators Pit



Photo 179: Generators



Photo 180: Transformer



Photo 181: Grains Dryer



Photo 182: Water Treatment Plant



Photo 183: Weigh Bridge Monitor And Printer

4.14 Ilorin Silo Complex, Kwara State.

4.14.1 Location

The Silo Complex, part of group 1, is located at km 12, Old Jebba Road, Okeose, Ilorin East Local Government Area, Kwara State, North-Central of Nigeria. It is about 12km drive to Ilorin, the state capital of Kwara State. The estimated travel time from Ilorin to the Silo Complex is about 13 minutes.

4.14.2 Technical Specifications

The Silo Complex has a storage capacity of 25,000mt and was completed in 1998. It covers an area of 4.07 hectares. The Complex includes 10 silo bins each with 2,500mts capacity. Each bin is equipped with 3 temperature probes, 2 aeration fans, 1 discharge auger and 1 sweep auger. Also provided in the Complex are 2 hospital bins and 2 tempering bins.

The Silo Complex is equipped with a weigh bridge, intake pit, control panel, grain dryer, grain cleaner, elevators, conveyor and bagging plant. Other facilities within the Complex are warehouse, administrative block, fire hydrants fire extinguishers, workshop, and laboratory with quality control equipment as well as a tractor.

In term of utilities, the Complex is connected to the national grid, with 2 generators of 350 KVA and 40 KVA capacities, as alternative power supply source. It also includes 2 boreholes and a fuel depot that has not been put to use.

There is also an agro-processing plant under construction within the Silo Complex.

4.14.3 Condition Overview and Utilization Potential

The assessment of the condition of the equipment and infrastructure is presented in Annex C. The weighbridge, intake pit, grain cleaner and elevators are in need of repairs, as well as the cabling for the power supply. Hospital bins 3, 5, 8, 9 and 10 as well as hospital bin 1 are showing signs of corrosion and would need some sandblasting or parts replaced. The hopper bottom of hospital bins 1 and 2 as well as the bagging plant need to be replaced. Workshop and laboratory tools need to be provided to make a complete set. A mobile conveyor also needs to be provided. The utilization potential of this Complex is 64%.

4.14.4 Specifications Summary

Storage	Main Bins	10 x Socama 2,500mt
	Temper Bins	2 x Socama 300mt
	Hospital Bins	2 x Socama 300mt
Intake and processing	Weigh bridge	Bilancial 50MT
	Dry Intake Pit	Bonfiglioli Riduttori 30mt/hr
	Wet Intake Pit	Bonfiglioli Riduttori 30mt/hr
	Dryer	Batur 30mt/hr
	Cleaner	Local Made 30mt/hr
Grain Mgmt	Control panel	Nova Elettrol
	Elevators	6 x Socama 50mt/hr bucket elevators
	Drag (Chain) Conveyors	5 x Socama 50mt/hr Conveyors
	Mobile Conveyor	N/A
	Main Augers	Sweep Auger N/A 10x Socama Dicharge Conveyors 50mt/hr 4x Socama Discharge Conveyors 50mt/hr
Offtake	Bulk Loader	Socama 30mt/hr
	Bagging Plant	2x Fischbein 10mt/hr Heavy Duty (manual)
	Air Compressors	N/A
Utilities	Generators	2 x 350 kVa IVECO 1 x 40 kVa Perkins
	Fuel Depot	1 x 30,000 litres
	Water	2 x Borehole

4.14.5 Photos from Ilorin Silo Complex



Photo 184: Ilorin Silo Complex Entrance Access Road



Photo 185: Intake Pit



Photo 186: Grains Dryer



Photo 187: Hospital And Tempering Bins



Photo 188: Elevators



Photo 189: Generators



Photo 190: Centrifugal Aerators



Photo 191: Generators



Photo 192: Laboratory



Photo 193: Elevators Pit



Photo 194: Silo Bins



Photo 195: Control Panel



Photo 196: Weighbridge



Photo 197: Open Drainage System



Photo 198: Transformer

4.15 Irrua Silo Complex, Edo State.

4.15.1 Location

This Silo Complex, part of group 1, is located at old Irrua Road, Irrua in Esan Central Local Government Area of Edo State. It is about 3.5km from Ekpoma and 99km from Benin City, the State Capital of Edo State. The estimated travel time from Benin City to the Silo Complex is about 1hr 38 minutes.

4.15.2 Technical Specifications

The Silo Complex has a storage capacity of 25,000mt and was completed in 1994. It covers an area of 5 hectares. The Complex includes 10 of silo bins each with a capacity of 2,500mts. Each bin is equipped with 4 temperature probes, 2 aerators, 1 sweep Auger and 1 discharge auger. Also in the Complex are 2 hospital bins and 2 tempering bins.

The Silo Complex is equipped with a weigh bridge, intake pit, control panel, grain dryer, grain cleaner, elevators, conveyors and bagging plant. Other facilities within the Complex are warehouse, administrative block, fire hydrants fire extinguishers, workshop with tools, laboratory with quality control equipment as well as a tractor.

In term of utilities, the Complex is connected to the national grid, and provided with 800KVA dedicated transformer, 2 generators of 330 KVA each as alternative power supply source. The Complex also includes 1 borehole and a fuel depot that has never been put to use.

4.15.3 Condition Overview and Utilization Potential

The assessment of the condition of the equipment and infrastructure is presented in Annex C. All silo bins are suffering from roof leakage and seepage at the base. They're also lacking sweep & discharge augers. Hospital bins are also showing seepage at the base. The bagging plant needs to be replaced and the bulk loader upgraded. Workshop tools and laboratory equipment should be provided. The grain cleaner requires in also in need of repair. Water supply is lacking and a borehole needs to be drilled. In terms of civil structures, the administrative and workshop block require some minor repairs. The utilization potential of this Complex is 74.5%.

4.15.4 Specifications Summary

Storage	Main Bins	10 x Mulmix 2,500mt
	Temper Bins	2 x Mulmix 220mt
	Hospital Bins	2 x Mulmix 220mt
Intake and processing	Weigh bridge	Thermaocalto 92070 50MT
	Dry Intake Pit	Fimet 9405433 50mt/hr
	Wet Intake Pit	Fimet 9405433 50mt/hr
	Dryer	Mulmix Me2000/9/2.5 12mt/hr
	Cleaner	Fimet 1503307 50mt/hr
Grain Mgmt	Control panel	Mulmix
	Elevators	3 x Mulmix 50mt/hr cup elevators
	Drag (Chain) Conveyors	8 x Mumix 50mt/hr Conveyors
	Mobile Conveyor	N/A
	Main Augers	10 x Mulmix 50mt/hr Screw Sweep Augers 10 x Mulmix 50mt/hr Screw Discharge Augers 2 x Mulmix 50mt/hr Screw Sweep Augers 4 x Mulmix Screw Discharge Augers
Offtake	Bulk Loader	Mulmix 60mt/hr
	Bagging Plant	2 x Fischbein DA495 Manual
	Air Compressors	Mulmix (Hercules)LAP/G
Utilities	Generators	2x 350KVA Perkins
	Fuel Depot	1x 60,000 litres
	Water	Water Tanker

4.15.5 Photos from Irrua Silo Complex



Photo 199: Irrua Complex Entrance Access Road



Photo 200: Weighbridge



Photo 201: Intake Pit



Photo 202: Blown - Off Roof Covers



Photo 203: Utility Block



Photo 204: Elevators



Photo 205: Transformer



Photo 206: Grain Dryer



Photo 207: Control Panel



Photo 208: Grain Cleaner



Photo 209: Elevators Pit



Photo 210: Hospital Bins and Tempering Bins



Photo 211: Rust Silo Bin Base



Photo 212: Water In Elevator Pit

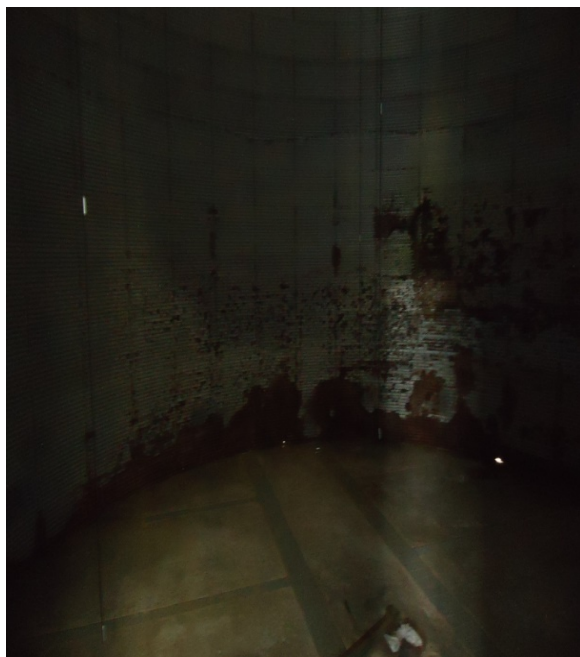


Photo 213: Metal Sheets Rust In Silo Bin



Photo 214: Elevator's Pit Electric Motor Showing Sign Of Rust



Photo 215: Discharge Auger



Photo 216: Building Wall Affected By Dampness



Photo 217: Roof Leakage



Photo 218: Deteriorating Wall And Facial Board



Photo 219: Generator



Photo 220: Internal Road



Photo 221: Section Of Paved Road Network



Photo 222: Section Of Blown-Off Roof Cover

4.16 Jahun Silo Complex, Jigawa State

4.16.1 Location

This Silo Complex, part of group 1, is located at Jahun, Jigawa State, North West of Nigeria. It is located on Jahun/Hadejia road, about 140km from Kano and 100km from Hadejia. The estimated travel time from Kano to the Silo Complex is about 1hr 30minutes.

4.16.2 Technical Specifications

The Silo Complex has a storage capacity of 25,000mt and was completed in 1998. It covers an area of 8 hectares. The Complex includes 10 silo bins, each with a capacity of 2,500mt and equipped with 4 temperature probes, 2 dehumidifiers, 2 aerators, 1 sweep auger and 1 discharge auger. Located in the Complex are also 2 hospital bins and 2 tempering bins.

The Silo Complex is equipped with a weigh bridge, intake pit, control panel, grain dryer, grain cleaner, elevators, conveyors and bagging plant. The Silo Complex also includes a warehouse, administrative block, water hydrants fire extinguishers, workshop with tools, laboratory with quality control equipment and a tractor.

In term of utilities, the Complex is connected to the national grid, backed up by 3 generators of 375 KVA, 250 KVA and 40 KVA capacities. In terms of access to water, the Silo includes one borehole. In terms of fuel supply, the Silo Complex includes a fuel depot, currently unserviceable.

There is also an agro-processing plant under construction within the Silo Complex.

Residential Building containing 6 rooms for the Silo Staff is available outside the Complex.

4.16.3 Condition Overview and Utilization Potential

The assessment of the condition of the equipment and infrastructure is presented in Annex C. Weighbridge, grain cleaner require some repairs. Silo bins 1, 2, 5, 7, 9, 10 suffer from minor leakage and corrosion. The mobile conveyor needs to be assembled. Workshop tools and laboratory equipment sets are incomplete and missing tools/equipment should be provided. The utilization potential of this Complex is 91%.

4.16.4 Specifications Summary

Storage	Main Bins	10 x Denis Prive 2,500mt
	Temper Bins	2x Denis Prive 150mt
	Hospital Bins	2 x Denis Prive 150mt
Intake and processing	Weigh bridge	Precia 0700i Privas 50MT
	Dry Intake Pit	Precia 2816-Brou 40 mt/hr
	Wet Intake Pit	Precia 2816-Brou 40 mt/hr
	Dryer	Batch Dryer 40mt/hr
	Cleaner	Marrot 40mt/hr
Grain Mgmt	Control panel	N/A
	Elevators	5 bucket elevators 40mt/hr
	Drag (Chain) Conveyors	15x 40mt/hr conveyors
	Mobile Conveyor	N/A
	Main Augers	10 x Denis Prive Screw Sweep Augers 10 x Denis Prive Discharge Conveyors 4 x Denis Prive Discharge Conveyors
Offtake	Bulk Loader	1 x Denis 45mt/hr
	Bagging Plant	2 x Fischbein/NewLong DS-211 15mt/hr
	Air Compressors	CECCATO CSM7.5DXM 10bar
Utilities	Generators	1 x 375 kVa Perkins 1 x 250 Mikano 1 x 40KVA Mikano
	Fuel Depot	1x 22,000 litres
	Water	1x Borehole

4.16.5 Photos from Jahun Silo Complex



Photo 223: Jahun Silo Complex Entrance Access Road



Photo 224: Weighbridge



Photo 225: Intake Pit



Photo 226: Tarred Internal Road Network



Photo 227: Generators



Photo 228: Deteriorating Roof Ceiling



Photo 229: Bagging Plant



Photo 230: Discharge Auger



Photo 231: Generators



Photo 232: Control Panel



Photo 233: Transformer



Photo 234: Hospital Bins, Grain Dryer And Tempering Bins

4.17 Jalingo Silo Complex, Taraba State

4.17.1 Location

This Silo Complex, part of group 4, is located at Jalingo-Malum Road, Ardokola Local Government Area, Taraba State, and North-East of Nigeria. It is about 6km drive to Jalingo, the state capital of Taraba State. The estimated travel time from Jalingo to the Silo Complex is about 6 minutes.

4.17.2 Technical Specifications

The Silo Complex has a storage capacity of 25,000mt. The Complex is 90% complete (as indicated by FMARD) and construction/installation is still ongoing. It covers an area of 5 hectares. The Complex includes 10 silo bins with 2,500mts capacity each equipped with 4 temperature probes 2 aeration fans in silo bin 1-5. Also within the Complex are 2 hospital bins and 2 tempering bins.

Other on-going installation of silo equipment include: Sweep augers, Discharge augers, Aeration fans for silo bin 6-10, Weigh bridge, Intake pit, Control panel, Grain dryer, Grain cleaner, Elevators, Drag Conveyors, Bulk Loading Bin and Bagging plant.

Additional facilities within the Silo Complex are warehouse, administrative block, workshop and utility block.

In terms of utility, the Complex is not connected to the national grid. It is equipped with 2 generators of 250KVA capacity as an alternative source of power. This Complex also has a fuel depot.

The Residential buildings have all been completed

4.17.3 Condition Overview and Utilization Potential

The assessment of the condition of the equipment and infrastructure is presented in Annex C. Major Mechanical, Electrical installation of the silo equipment and civil works are on-going. The utilization potential of this Complex is 8%.

4.17.4 Specifications Summary

Storage	Main Bins	10 x SCAFCO 2500mt
	Temper Bins	2 x SCAFCO 150mt
	Hospital Bins	2 x SCAFCO 150mt
Intake and processing	Weigh bridge	Awaiting Installation
	Dry Intake Pit	Awaiting Installation
	Wet Intake Pit	Awaiting Installation
	Dryer	Awaiting Installation
	Cleaner	Awaiting Installation
Grain Mgmt	Control panel	Awaiting Installation
	Elevators	Awaiting Installation
	Drag (Chain) Conveyors	Awaiting Installation
	Mobile Conveyor	Awaiting Installation
	Main Augers	Installed: 2x SCAFCO Screw Sweep Augers 2x SCAFCO Chain Conveyors <u>Awaiting Installation:</u> 10 x SCAFCO Screw Sweep Augers 2 x Discharge Auger
Offtake	Bulk Loader	Awaiting Installation
	Bagging Plant	Awaiting Installation
	Air Compressors	Awaiting Installation
Utilities	Generators	2x 250KvA Mikano
	Fuel Depot	1x20, 000 Litres
	Water	N/A

4.17.5 Photos from Jalingo Silo Complex



Photo 235: Jalingo Silo Complex Entrance



Photo 236: Silo Components Installation On-Going



Photo 237: Bulk Loading Bin Installation



Photo 238: Silo Components Installation On-Going



Photo 239: Grain Bagging Plant Hoppers



Photo 240: Generators



Photo 241: GRAIN DRIER SYSTEM



Photo 242: Water Seepage In Elevators Pit



Photo 243: Weigh Bridge Installation On-Going



Photo 244: Installation Of Support Structures On-Going



Photo 245: Grain Discharge Augers Installation On-Going



Photo 246: Installation Of Conveyor Systems On-Going

4.18 Jos Silo Complex, Plateau State

4.18.1 Location

Jos Silo Complex, part of group 1, is located at Zawan, Jos South Local Govt area of Plateau State, North Central of Nigeria. It is on the Bukuru – Jos Road, about 17km from Jos town. The estimated travel time from Jos town to the Silo Complex is about 30 minutes.

4.18.2 Technical Specifications

The Silo Complex has a storage capacity of 25,000mt and was completed and commissioned in 2006. It covers an area of 4 hectares. The Complex includes 10 Silo bins with 2,500mts capacity each equipped with 2 temperature probes, 2 aerators, 1 sweep auger and 1 discharge auger. Also in the Complex are 2 hospital bins and 2 tempering bins.

The Complex is also equipped with a weigh bridge, intake pit, control panel, grain dryer, grain cleaner, elevators, conveyors and bagging plant. Additional facilities within the Complex are warehouse, administrative block, water hydrants, fire extinguishers, workshop with tools, laboratory with quality control equipment as well as a tractor.

In term of utilities, the Complex is connected to the national grid, with 2 generators of 350 kva, and 1 40 kva capacities, as alternative power supply source, 1 borehole and a serviceable fuel depot.

Residential buildings are not provided for the Silo Staff in the Complex.

4.18.3 Condition Overview and Utilization Potential

The assessment of the condition of the equipment and infrastructure is presented in Annex C. The grain cleaner requires a minor repair. Workshop tools and laboratory equipment need to be provided to complete each set. The utilization potential of this Complex is 93%.

4.18.4 Specifications Summary

Storage	Main Bins	10 x 2500mt
	Temper Bins	2 x 150mt
	Hospital Bins	2 x 150mt
Intake and processing	Weigh bridge	1 x Cardinal x 60mt
	Dry Intake Pit	1 x Law Denis x 50mt/hr
	Wet Intake Pit	1 x Law Denis x 50mt/hr
	Dryer	1 x Law Denis x 45mt/hr
	Cleaner	1 x Cremotrade x 50mt/hr
Grain Mgmt	Control panel	TRESCAM
	Elevators	5 cups elevators
	Drag (Chain) Conveyors	15 x 45mt/hr
	Mobile Conveyor	2 x Alvan Blanch
	Main Augers	10 x Law Denis Screw Sweep Augers 50mt/hr 10 x Law Denis Screw Discharge Augers 50mt/hr 4 x 50mt Chain Conveyor/hr
Offtake	Bulk Loader	Law Denis 50mt
	Bagging Plant	2 x Fischbein 30mt/hr
	Air Compressors	1 x Ingerollrand 9 Bar
Utilities	Generators	3 x 350kVA (2 x Renault) 1 x Mikano 40kVA
	Fuel Depot	1 x Fuel Depot
	Water	1 x borehole

4.18.5 Photos from Jos Silo Complex



Photo 247: Jos Silo Complex Entrance Access Road



Photo 248: Laboratory



Photo 249: Weigh Bridge



Photo 250: Weigh Bridge Monitor And Printer



Photo 251: Deteriorating Facial Board



Photo 252: Generators



Photo 253: Deteriorating Facial Board



Photo 254: Bagging Plant



Photo 255: Mobile Conveyor



Photo 256: Tarred Internal Road Network



Photo 257: Transformer



Photo 258: Drainage System

4.19 Kaduna Silo Complex, Kaduna State

4.19.1 Location

This Silo Complex, part of group 1, is located at Dakande, Kaduna State, North West of Nigeria. It is situated along the Kaduna - Zaria road about 13km from Kawo town in Kaduna and 72km from Zaria. The estimated travel time from Kawo to the Silo Complex is about 10 minutes.

4.19.2 Technical Specifications

The Silo Complex has a storage capacity of 25,000mt and was completed and commissioned in 2011. It covers an area of 4.6 hectares. The Complex includes 10 Silo bins each with 2,500mts capacity. Each bin is, equipped with 5 temperature probes, 2 aerators, 1 sweep auger and 1 discharge conveyor. Also, in the Complex are 2 hospital bins and 2 tempering bins.

The Silo Complex is also equipped with a weigh bridge, intake pit, control panel, grain dryer, grain cleaner, elevators, drag (chain) conveyors and bagging plant. Other facilities within the Complex are warehouse, administrative block, fire extinguishers, workshop with tools and laboratory with quality control equipment.

In term of utilities, the Complex is connected to the national grid. It also includes 2 generators of 350 KVA capacities, as alternative power supply source; 1 borehole and a serviceable fuel depot.

4.19.3 Condition Overview and Utilization Potential

The assessment of the condition of the equipment and infrastructure is presented in Annex C. Major repairs/rehabilitation are required for the following items: weigh bridge, intake pit, control panel (complete replacement), temperature probes in all Silo main bins and hospital bins, sheet walls, roof covers and centrifugal fans of Silo bins (1, 2, 3, 4, 5), sweep augers and discharge augers for Silo bins 2,3,4,5,6,7,8 and 9 and bagging plant (complete replacement). Mobile conveyors as well a workshop tools, laboratory equipment and water hydrant need to be provided. The utilization potential of this Complex is 59%.

4.19.4 Specifications Summary

Storage	Main Bins	10 x Chief 2,500mt
	Temper Bins	2 x Chief 300mt
	Hospital Bins	2 x Chief 300mt
Intake and processing	Weigh bridge	FT190- S3-0001 50mt
	Dry Intake Pit	Screw Auger 30mt/hr (Local Made)
	Wet Intake Pit	Screw Auger 30mt/hr (Local Made)
	Dryer	Alvan Blanch DF10/21A/120/91C 30mt/hr
	Cleaner	Alvan Blanch ABR360 30mt/hr
Grain Mgmt	Control panel	RITTAL England XY68XF
	Elevators	3 x bucket elevators 30mt/hr
	Drag (Chain) Conveyors	9 x 30mt/hr Conveyors
	Mobile Conveyor	N/A
	Main Augers	2 x Screw Sweep Augers 10 x Discharge Conveyors 4 x Discharge Conveyors
Offtake	Bulk Loader	1 x Chief 30mt/hr
	Bagging Plant	2 x Emel EM26-1 Manual hand held 200bags /hr
	Air Compressors	N/A
Utilities	Generators	2 x 350 kVa Perkins
	Fuel Depot	1 x 30,000 litres
	Water	1 x Borehole

4.19.5 Photos from Kaduna Silo Complex



Photo 259: Kaduna Silo Complex Entrance Access Road



Photo 260: Damaged Roof Cladding



Photo 261: Weigh Bridge



Photo 262: Damaged Warehouse Windows



Photo 263: Warehouse Blown-Out Roof Covers



Photo 264: Administrative Block Damaged Roof Cladding



Photo 265: Faulty Bagging Plant



Photo 266: Warehouse Damaged Roof Cover



Photo 267: Silo Roof Covers Affected By Wind Gust



Photo 268: Administrative Block Damaged Facial Board/Cladding

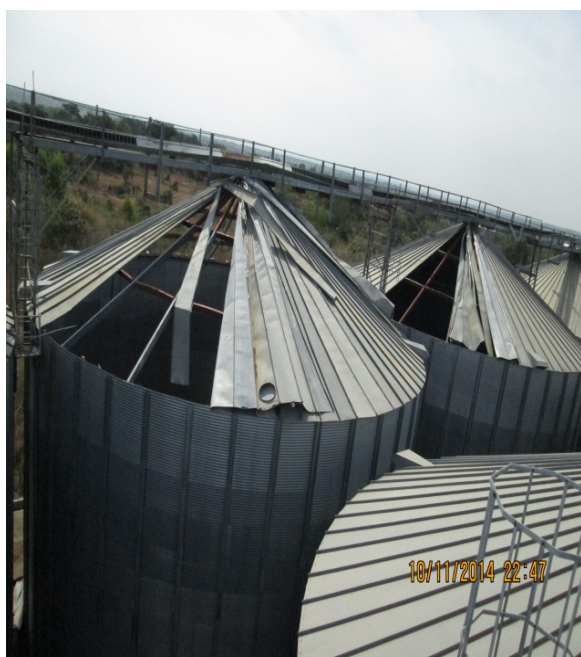


Photo 269: Silo Roof Covers Affected By Wind Gust



Photo 270: Grain Cleaner



Photo 271: Security Gate Post Damaged Roof Facial Board



Photo 272: Maintenance Block Wall Dampness



Photo 273: Administrative Block Damaged Roof Ceiling



Photo 274: Silo Bin 1 Damaged Sheet Wall By Wind Gust



Photo 275: Silo Bin 10 Water Leakage At The Concrete Base



Photo 276: Tarred Access Road To Silo Complex



Photo 277: Faulty Centrifugal Aerators



Photo 278: Intake Pit Damaged Cover Wall Sheets



Photo 279: Administrative Damaged Electrical Fittings



Photo 280: Generators



Photo 281: Small Hole On The Warehouse Roof Cover

4.20 Kwali Silo Complex, FCT

4.20.1 Location

This Silo Complex, part of group 2, is located at Kwali, Kwali Area Council, FCT, and North-Central of Nigeria. It is about 10km (8 minutes) from Gwagwalada and 47.7km (36 minutes) drive from Abaji, the nearest Area Council. The estimated travel time from Abuja Airport to the Silo Complex is about 35 minutes for a distance of 41.1km.

4.20.2 Technical Specifications

The Silo Complex has a storage capacity of 100,000mt and was completed August, 2014. It covers an area of 10.9 hectares. The Complex includes 20 Silo bins each with 5000mts capacity. Each bin is equipped with 5 temperature probes, 1 sweep auger, 1 discharge conveyor and 2 aerators. Also in the Complex are 2 hospital bins and 2 tempering bins.

The Silo Complex is equipped with a weigh bridge, intake pit, control panel, grain dryer, grain cleaner, elevators, conveyor and bagging plant. Other facilities within the Complex are warehouse, administrative block, water hydrants and workshop.

In term of utilities, the Complex has a dedicated transformer of 500KVA but yet to be connected to the national grid. The Complex includes one generator of 350 KVA capacity as alternative power supply source and 1 borehole with 2000 gallons capacity per day of water treatment plant.

The residential building within the Silo Complex contains 14 rooms for the Silo staff.

4.20.3 Condition Overview and Utilization Potential

The assessment of the condition of the equipment and infrastructure is presented in Annex C. This Silo Complex is newly completed. It has yet to be connected to the national grid. Temperature probes in all Silo bins need to be connected. The control panel and grain cleaner require some repairs. The mobile conveyor needs to be installed. Laboratory equipment, workshop tools and fire extinguishers should be supplied. Access roads also have to be constructed. The utilization potential of this Complex is 82%.

4.20.4 Specifications Summary

Storage	Main Bins	20 x SCAFCO 5000mt
	Temper Bins	2 x SCAFCO 300mt
	Hospital Bins	2 x SCAFCO 300mt
Intake and processing	Weigh bridge	Fair Bank ACC-2000-14 60mt
	Dry Intake Pit	York Grand Island 50mt/hr
	Wet Intake Pit	York Grand Island 50mt/hr
	Dryer	Mathews Company 50mt/hr
	Cleaner	Carothers & Sons FMRS-2D45 -7000HD 50mt/hr
Grain Mgmt	Control panel	SCAFCO Grain System Company
	Elevators	11 x bucket elevators 50mt/hr
	Drag (Chain) Conveyors	20 x Baldor 50mt/hr
	Mobile Conveyor	N/A
	Main Augers	20 x Baldor Screw Sweep Augers 50mt/hr 20 x Baldor Screw 50m t/hr Discharge Augers 4 x Baldor 50m t/hr Chain Conveyors
Offtake	Bulk Loader	2 x 50mt
	Bagging Plant	4 x Lesson C6T17FC2G 50mt/hr
	Air Compressors	2 x Speedaire 1wd61 12bar
Utilities	Generators	1 x 350 kVA Mikano
	Fuel Depot	N/A
	Water	1 x Borehole

4.20.5 Photos from Kwali Silo Complex



Photo 282: Kwali Silo Complex



Photo 283: Intake Pit



Photo 284: Weigh Bridge



Photo 286: Grain Cleaner



Photo 285: Generator



Photo 287: Grain Dryer



Photo 288: Centrifugal Aerator



Photo 289: Bagging Plants

4.21 Lafia Silo Complex, Nasarawa State.

4.21.1 Location

This Silo Complex, part of group 4, is located at Lafia, Nasarawa State, and North Central of Nigeria. It is about 5km from Lafia Central, the state capital of Nasarawa State. The estimated travel time from Lafia to the Silo Complex is about 10 minutes.

4.21.2 Technical Specifications

The Silo Complex has a storage capacity of 25,000mt. It is 85% complete as indicated by FMARD and construction is on-going. It covers an area of 4.84 hectares. The Complex includes 10 silo bins each with 2,500mts capacity with on-going installation of temperature probes, sweep augers and discharge augers while aeration fans and the weigh bridge have been completely installed. Installation of 2 hospital bins and 2 tempering bins is also ongoing.

Other on-going installation of silo equipment include: Intake Pit, Control Panel, Grain Dryer, Grain Cleaner, Elevators, Conveyor and Bagging Plant.

Additional facilities within the Complex are Warehouse, Administrative block, Workshop, Utility Block with installation of electrical fittings and plumbing works still on-going.

In terms of utilities, the Complex has a functional borehole. A generator of 100kva capacity has been supplied. The Complex is yet to be connected to the national grid.

Construction of the residential buildings has been completed.

4.21.3 Condition Overview and Utilization Potential

The assessment of the condition of the equipment and infrastructure is presented in Annex C. No. All mechanical, electrical installation and civil works are still on-going with the exception of silo bins, aeration fans and weigh bridge. Workshop tools, laboratory equipment and fire extinguishers need to be provided. The utilization potential of this Complex is 13%.

4.21.4 Specifications Summary

Storage	Main Bins	10 x SCAFCO 2500mt
	Temper Bins	2 x SCAFCO
	Hospital Bins	2 x SCAFCO
Intake and processing	Weigh bridge	1 x Fairbanks 135 tons
	Dry Intake Pit	Not Available
	Wet Intake Pit	Not Available
	Dryer	Not Available
	Cleaner	Not Available
Grain Mgmt	Control panel	Not Available
	Elevators	Not Available
	Drag (Chain) Conveyors	Not Available
	Mobile Conveyor	Not Available
	Main Augers	Not Available
Offtake	Bulk Loader	Not Available
	Bagging Plant	Not Available
	Air Compressors	Not Available
Utilities	Generators	1 x 100 kVA Mikano
	Fuel Depot	Not Available
	Water	1 x borehole

4.21.5 Photos from Lafia Silo Complex



Photo 290: Lafia Silo Complex Construction On-Going

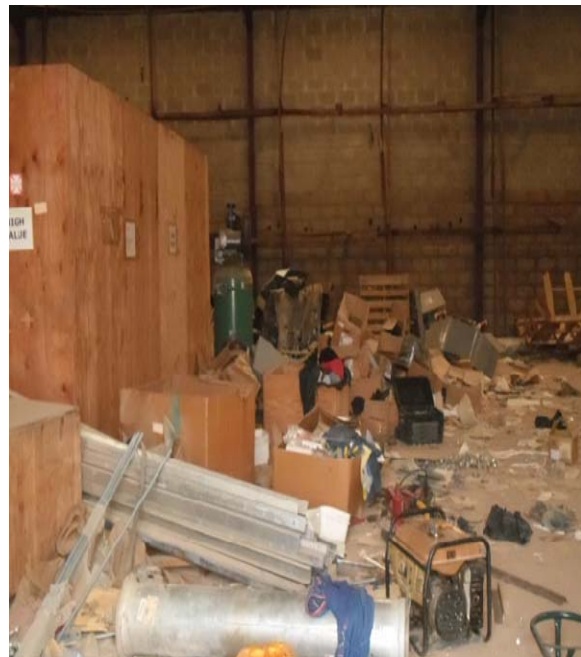


Photo 291: Silo Components Installation On-Going



Photo 292: Weigh Bridge



Photo 293: Industrial Sewing Machine



Photo 294: Bagging Plant Hoppers



Photo 295: Discharge Augers



Photo 296: Installation Of Grain Dryer On-Going



Photo 297: Generators



Photo 298: Installation On-Going



Photo 299: Screw Auger



Photo 300: Silo Components Installation On-Going

4.22 Lafiagi Silo Complex, Kwara State.

4.22.1 Location

This Silo Complex, part of group 1, is located at Lafiagi, Edu Local Government Area, Kwara State, in the North-Central region of Nigeria. It is about 120km from Ilorin, the state capital of Kwara State. The estimated travel time from Lafiagi Township to the Silo Complex is about 13 minutes for a distance of 12km.

4.22.2 Technical Specifications

The Silo Complex has a storage capacity of 11,000mt and was completed in 1988. It covers an area of 5 hectares. The Complex includes 15 Silo bins, 12 with 800mt capacities, 5 with 500mt and each is equipped with 2 temperature probes for Silo bins 1-12. Silo bins 13-15 are equipped with 1 temperature probe with no sweep auger, no discharge auger due to their peculiar hopper bottom floor. The Silo Complex has 1 mobile aeration fan for all the Silo bins, and 3 tempering bins of 150mt each.

Other essential Silo equipment installed includes a weigh bridge, intake pit, control panel, grain dryer, grain cleaner, elevators, conveyors and bagging plant.

Other facilities within the Complex are a warehouse, administrative block, a laboratory and a small workshop with the bagging plant.

In term of utilities, the Complex is not connected to the national grid but has 3 generators of 400 KVA (2No.s.) and 35 KVA capacities, as alternative power supply source; 1 borehole and a unserviceable fuel depot of 66,000 liters capacity.

There is no residential Building in the Silo Complex.

4.22.3 Condition Overview and Utilization Potential

The assessment of the condition of the equipment and infrastructure is presented in Annex C. Majorly, the Silo Complex requires construction of a utility block, supply of adequate workshop tools, laboratory equipment and replacement of automatic industrial stitching machine and borehole pump. Buildings require significant plumbing and electrical work. The Complex also needs to be connected to the national grid. The utilization potential of this Complex is 82%.

4.22.4 Specifications Summary

Storage	Main Bins	12 x Cumbria-UniGrain 800mt 3 x Cumbria-UniGrain 500mt
	Temper Bins	N/A
	Hospital Bins	3 x Cumbria-UniGrain 500mt
Intake and processing	Weigh bridge	J.S.T 86/556/9E 50MT
	Dry Intake Pit	Cumbria-UniGrain 30mt/hr
	Wet Intake Pit	Cumbria-UniGrain 30mt/hr
	Dryer	Cumbria-UniGrain 30mt/hr
	Cleaner	Cumbria-UniGrain 86/145 30mt/hr
Grain Mgmt	Control panel	Cumbria-UniGrain 86 -1281 30mt/hr
	Elevators	5 Cumbria-UniGrian 30mt/hr bucket elevators
	Drag (Chain) Conveyors	12 x Cumbria-UniGrain 30mt/hr Conveyors
	Mobile Conveyor	1 x Cumbria-UniGrain 7700 Thisted 100mt/hr
	Main Augers	15 x Discharge Conveyors 3 x Discharge Conveyors
Offtake	Bulk Loader	2 x 30mt/hr
	Bagging Plant	1 x Fischbein 20mt/hr Manual
	Air Compressors	N/A
Utilities	Generators	2 x 400 kVA Muzzi 1 x 35 kVA Muzzi
	Fuel Depot	2 x 30,000 Litres Fuel Depot
	Water	1 x Borehole

4.22.5 Photos from Lafiagi Silo Complex



Photo 301: Lafiagi Silo Complex Entrance Access Road



Photo 302: Weigh Bridge



Photo 303: Conveyor System



Photo 304: Generators



Photo 305: Frigo Dryer



Photo 306: Control Panel



Photo 307: Silo Bins

4.23 Lokoja Silo Complex, Kogi State.

4.23.1 Location

This Silo Complex, part of group 4, is located at Barracks Road, Lokoja Local Government Area of Kogi State, and North-Central of Nigeria. It is about 3km drive to Lokoja town, the State Capital of Kogi State. The estimated travel time from Lokoja City Centre to the Silo Complex is about 10 minutes.

4.23.2 Technical Specifications

The Silo Complex has a storage capacity of 25,000mt and covers an area of 4 hectares. The Silo Complex is 78% complete as indicated by FMARD and construction is on-going, including regarding the Silo bins. The Complex includes 10 Silo bins each of 2,500mts capacity. Each bin is equipped with 2 aeration fans, 1 sweep auger and discharge conveyor. The Complex also has 2 hospital bin and 2 tempering bins each with 1 aeration fan each.

The civil works and are fairly done. The Complex includes a warehouse, administrative block; workshop and utility block.

Silo equipment awaiting installation includes: intake pit, weigh bridge, control panel, grain dryer, grain cleaner, elevators, conveyor and bagging plant.

In terms of utilities, the Complex is yet to be connected to the National Grid. No alternative power supply source is provided. A borehole currently supplies water.

The Residential buildings are at various stages of completion.

4.23.3 Condition Overview and Utilization Potential

The assessment of the condition of the equipment and infrastructure is presented in Annex C. All mechanical and electrical installations of the silo equipment present, as well as all civil structures are still on-going. Workshop tools, laboratory equipment and fire extinguishers need to be provided. The utilization potential of this Complex is 17%.

4.23.4 Specifications Summary

Storage	Main Bins	10 x Mulmix 2500mt
	Temper Bins	2 x Mulmix 150mt
	Hospital Bins	2 x Mulmix 150mt
Intake and processing	Weigh bridge	Awaiting Installation
	Dry Intake Pit	Awaiting Installation
	Wet Intake Pit	Awaiting Installation
	Dryer	Mulmix 400FOY 50mt/hr
	Cleaner	Awaiting Installation
Grain Mgmt	Control panel	Awaiting Installation
	Elevators	Awaiting Installation
	Drag (Chain) Conveyors	4 x Mulmix
	Mobile Conveyor	Awaiting Installation
	Main Augers	10 x Mulmix CE1110 Screw Sweep Augers 50mt/hr 10 x Mulmix CE11170 Screw Discharge Augers 50mt/hr Awaiting Installation
Offtake	Bulk Loader	Awaiting Installation
	Bagging Plant	Awaiting Installation
	Air Compressors	2 x Recambi (Italy) 2R000660 PCK
Utilities	Generators	N/A
	Fuel Depot	N/A
	Water	1 x Borehole

4.23.5 Photos from Lokoja Silo Complex



Photo 308: Lokoja Silo Complex



Photo 309: Access Entrance To The Silo Complex



Photo 310: Grain Dryer



Photo 311: Construction On-Going



Photo 312: Elevators Pit Construction On-Going



Photo 313: Grain Conveyor



Photo 314: Discharge Conveyor



Photo 315: Silo Galvanized Wall Sheet Installation On-Going



Photo 316: Silo Bins



Photo 317: Silo Components



Photo 318: Centrifugal Aerators



Photo 319: Unpaved Internal Road Network

4.24 Makurdi Silo Complex, Benue State.

4.24.1 Location

This Silo Complex, part of group 1, is located at km 4, Gboko Road, Makurdi Local Government Area, Benue State, North-Central of Nigeria. It is about 4 km drive to Makurdi, the state capital of Benue State. The estimated travel time from Makurdi to the Silo Complex is about 5minutes.

4.24.2 Technical Specifications

The Silo Complex has a storage capacity of 25,000mt. It was completed and commenced operations in 1991. It covers an area of about 2.5 hectares. The Complex includes 10 Silo bins of 2,500mts capacity each equipped with 10 temperature probes, 2 aeration fans installed with dehumidifiers, 1 discharge auger and 1 sweep auger. Also in the Complex are 2 hospital bin and 2 tempering bin.

The Complex is also equipped with a weigh bridge, intake pit, control panel, grain dryer, grain cleaner, elevators, conveyor and bagging plant. Other facilities include a warehouse, administrative block, workshop, laboratory with quality control equipment as well as a tractor.

In term of utilities, the Complex is connected to the national grid, with 3 generators of 2 250KVA and 45KVA capacities, as alternative power supply source; and 1 borehole. A fuel depot that has never been put to use is also available.

4.24.3 Condition Overview and Utilization Potential

The assessment of the condition of the equipment and infrastructure is presented in Annex C. Temperature probes need repairs. Internal drainage networks also need minor repairs. Elevators require a submersible pump. The bagging plant's sewing machine needs to be replaced. Mobile conveyors and adequate workshop tools need to be supplied. The utilization potential of this Complex is 98%.

4.24.4 Specifications Summary

Storage	Main Bins	10 x 2500mt
	Temper Bins	2 x 75mt
	Hospital Bins	2 x 100mt
Intake and processing	Weigh bridge	Cardinal Scale Manufacturing Co. No 606OSR 60mt
	Dry Intake Pit	Hunter Worldwide System Inc. 107sm20 60mt/hr
	Wet Intake Pit	Hunter Worldwide System Inc. 107sm20 60mt/hr
	Dryer	Grain System Inc. TT1032 5mt per batch
	Cleaner	Garaway Investment South Africa 2155M15 15mt/hr
Grain Mgmt	Control panel	Hunter Worldwide System Inc. Serial No 1334
	Elevators	4 x bucket elevators 30mt/hr
	Drag (Chain) Conveyors	5 x Hunter Worldwide System Inc. 30mt/hr
	Mobile Conveyor	N/A
	Main Augers	10 x Hunter Worldwide System Screw Sweep Augers 30mt/hr 10 x Hunter Worldwide System Discharge Augers 30mt/hr 2 x Hunter Worldwide System Screw Sweep Augers 4 x Hunter Worldwide System Chain Conveyors
Offtake	Bulk Loader	Agro-Manufacturing Co. Ltd 75mt
	Bagging Plant	3 x Fischbein 30mt/hr
	Air Compressors	2 x A.O Smith Ps 7.6 Bar
Utilities	Generators	2 x 250 kVA 1 x 45 kVA (Perkins)
	Fuel Depot	2 x 30,000 litres
	Water	1 x Borehole

4.24.5 Photos from Makurdi Silo Complex



Photo 320: Makurdi Silo Complex Entrance Access Road



Photo 321: Intake Pit



Photo 322: Generator



Photo 323: Weigh Bridge



Photo 324: Bagging Plant



Photo 325: Discharge Auger



Photo 326: Axial Aerator



Photo 327: Elevator

4.25 Minna Silo Complex, Niger State.

4.25.1 Location

This Silo Complex, part of group 1, is located at Western Bye-Pass, Gbaiko, Minna, Niger State, North Central of Nigeria. It is situated 3 km from Minna Township, the State Capital of Niger State. The estimated travel time from Minna to the Silo Complex is about 5 minutes.

4.25.2 Technical Specifications

The Silo Complex has a storage capacity of 25,000mt and was completed in 1991. It covers an area of 10 hectares, out of which 5 hectares is fenced for constructing the Silo Complex. However, the unfenced portion has been lost to the indigenes through litigation. The Complex includes 10 Silo bins, of 2,500mts capacity each equipped with 6 temperature probes, 2 aerators, 1 sweep Auger and 1 discharge auger. Also located in the Complex are 2 hospital bins and 2 tempering bins.

The Silo Complex is equipped with a weigh bridge, intake pit, control panel, grain dryer, grain cleaner, elevators, conveyors and bagging plant. Other facilities within the Complex are warehouse, administrative block, fire hydrants, fire extinguishers, workshop with tools, laboratory with quality control equipment as well as a tractor.

In term of utilities, the Complex is connected to the national grid, with 3 generators of 375 KVA, 250 KVA and 40 KVA capacities, as alternative power supply source; 1 borehole and an unserviceable fuel depot.

4.25.3 Condition Overview and Utilization Potential

The assessment of the condition of the equipment and infrastructure is presented in Annex C. Minor repairs will be required on a few items like temperature probes, leaking roof of Silo bins 6, 9 and 10 and faulty discharge Auger for Silo 7 & 8. Some laboratory and workshop tools are also required to make complete sets. The utilization potential of this Complex is 96%.

4.25.4 Specifications Summary

Storage	Main Bins	10 x 2500mt
	Temper Bins	2 x 90mt
	Hospital Bins	2 x 90mt
Intake and processing	Weigh bridge	1 x SHERING 60mt
	Dry Intake Pit	1 x Alvan Blanch 30mt/hr
	Wet Intake Pit	1 x Alvan Blanch 30mt/hr
	Dryer	1 x Alvan Blanch 30mt/hr
	Cleaner	1 x Law Denis x 30mt/hr
Grain Mgmt	Control panel	Alvan Blanch
	Elevators	6 Bucket elevators
	Drag (Chain) Conveyors	14 x Alvan Blanch 30mt/hr
	Mobile Conveyor	1 x Alvan Blanch 30mt/hr
	Main Augers	10 x Law Denis Screw Sweep Augers 50mt/hr 10 x Law Denis Screw Discharge Augers 50mt/hr 4 x Law Denis Screw Discharge Augers 50mt
Offtake	Bulk Loader	Olivn Lion 45mt
	Bagging Plant	1 x BMT - Compressor 9 Bar
	Air Compressors	1 x Mikano 350 kVA 1 x Mikano 250 kVA 1 x Mikano 40 kVA
Utilities	Generators	1 x Fuel depot
	Fuel Depot	1 x borehole
	Water	2 x Safjin Special 30mt/hr

4.25.5 Photos from Minna Silo Complex



Photo 328: Minna Silo Complex



Photo 329: Weigh Bridge



Photo 330: Weigh Bridge



Photo 331: Laboratory Equipment

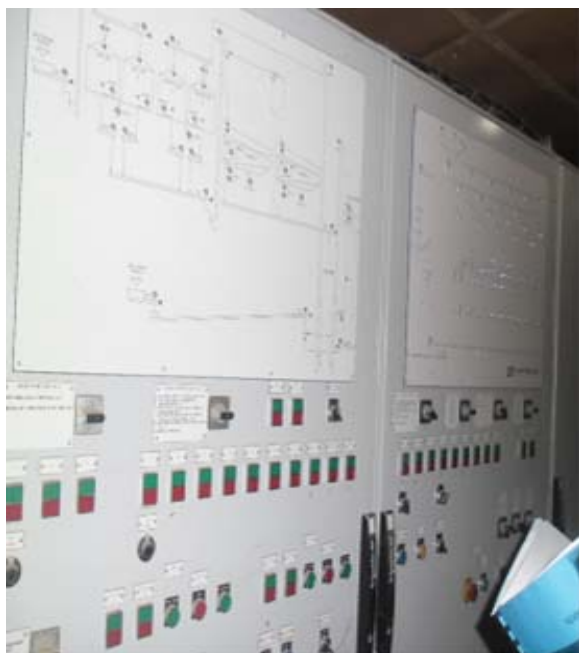


Photo 332: Control Panel



Photo 333: Silo Bins



Photo 334: Hospital Bins And Tempering Bin



Photo 335: Centrifugal Aerators



Photo 336: Bagging Plant



Photo 337: Generator



Photo 338: Transformer



Photo 339: Section Of Tarred Area Within Complex

4.26 Ogoja Silo Complex, Cross River State.

4.26.1 Location

This Silo Complex, part of group 1, is located along Okpoma Road at Yala Local Government Area, Cross River State, and South-South of Nigeria. It is about 3 hrs 20 minutes by road to Calabar, the state capital of Cross River State. The estimated travel time from Ogoja to the Silo Complex is about 10 minutes.

4.26.2 Technical Specifications

The Silo Complex has a storage capacity of 25,000mt. It was completed and commenced operations in 1991. It covers an area of 10.967 hectares. The Complex includes 10 Silo bins with 2,500mts capacity each equipped with 6 temperature probes, 1 sweep auger and 1 discharge conveyor. One mobile aeration fan is provided for all the silo bins. Also in the Complex are 2 hospital bins and 2 tempering bins.

The Complex is also equipped with a weigh bridge, intake pit, control panel, grain dryer, grain cleaner, elevators, conveyors and bagging plant.

Other facilities within the Complex are a warehouse, administrative block, workshop with tools, a laboratory and a tractor.

In terms of utilities, the Complex is connected to the national grid, with 4 generators of 500 KVA, 250 KVA (2No.) and 40 KVA capacities, as alternative power supply source. It also has 1 borehole and an unserviceable fuel depot.

There is an Agro-Processing plant under construction within this Silo Complex

4.26.3 Condition Overview and Utilization Potential

The assessment of the condition of the equipment and infrastructure is presented in Annex C. Items such as bagging plant, discharge conveyor, and electric motors for hospital bins 1&2 require replacement; warehouse and administrative blocks roof leakages need repairs while 50 metres collapsed portion of fence wall also need reconstruction. Workshop tools and laboratory equipment need to be provided. The utilization potential of this Complex is 92%.

4.26.4 Specifications Summary

Storage	Main Bins	10 x Alvan Blanch 2500mt
	Temper Bins	2 x Alvan Blanch 75mt
	Hospital Bins	2 x Alvan Blanch 75mt
Intake and processing	Weigh bridge	Temo Pese CaHo (Ro) Italy 45030 CaHO 50mt
	Dry Intake Pit	Press Metal Work Co Ltd 50mt/hr
	Wet Intake Pit	Press Metal Work Co Ltd 50mt/hr
	Dryer	Cuenod Italia Milano Cuenod Italia PCS 185 30mt/hr
	Cleaner	Alvan Blanch 44304Alvan BG 50mt/hr
Grain Mgmt	Control panel	Press Metal Work Co.Ltd
	Elevators	3 x Bucket elevators 50mt/hr
	Drag (Chain) Conveyors	17 x Press Metal Work Co.Ltd 50mt/hr
	Mobile Conveyor	N/A
	Main Augers	10 x Press Metal Works Screw Sweep Augers 50mt/hr 10 x Press Metal Works Chain Conveyor Discharge Augers 50mt/hr 4 x Press Metal Works 50m t/hr Chain Conveyors
Offtake	Bulk Loader	Press Metal Works 45mt
	Bagging Plant	10 x Paglierani Fischbein 30mt/hr
	Air Compressors	Clarke Air SE14A150 150Psi
Utilities	Generators	1 x Perkins 250 kVA 1 x Perkins 40 kVA 1 x Weichai 250 kVA 1 x Cummins 350 kVA 1 x Renault 500 kVA
	Fuel Depot	2 x 30,000litres
	Water	1 x Borehole

4.26.5 Photos from Ogoja Silo Complex



Photo 340: Ogoja Silo Complex Entrance Access Road



Photo 341: Ogoja Silo Complex



Photo 342: Weigh Bridge



Photo 343: Elevators

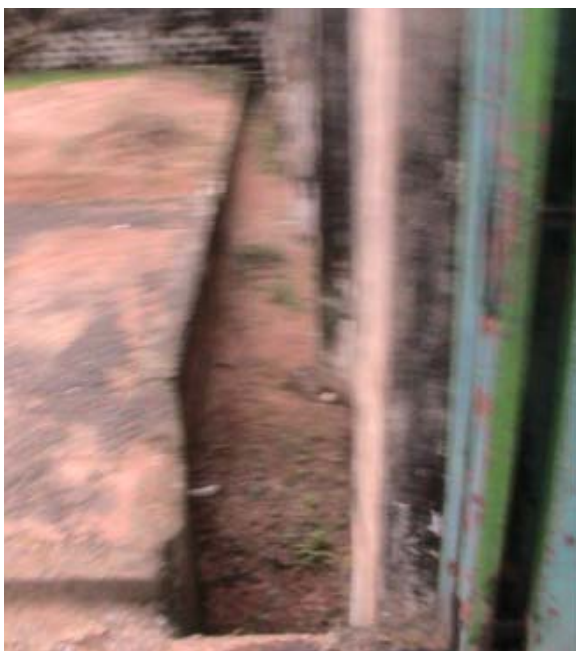


Photo 344: Poor Drainage System



Photo 345: Generator



Photo 346: Weigh Bridge Scale



Photo 347: Generator

4.27 Okigwe Silo Complex, Imo State.

4.27.1 Location

This Silo Complex, part of group 4, is located at Ezinachi Okigwe Local Government Imo State, South-East of Nigeria. It is situated along the Enugu – Port-Harcourt road about 145.4km from Port-Harcourt and 125.9km from Enugu. The estimated travel time from Okigwe town to the Silo Complex is about 20 minutes.

4.27.2 Technical Specifications

The Silo Complex has a storage capacity of 100,000mt and it is about 72% complete as indicated by FMARD. It covers an area of 21.4 hectares The Complex includes 20 Silo bins with 5000mts capacity each.

The installation of 20 Silo bins with 4 Nos. temperature probes is on-going. Installation of other Silo equipment has not commenced. This applies to the weigh bridge, grain dryer, elevators and drag chain conveyors, control panel, intake pit, mobile conveyors, water hydrant (plus fire extinguishers).

Construction of warehouse, administrative block, workshop block, residential building, laboratory and other civil works are on-going.

In term of utilities, the Complex has not been connected to the National grid nor were generators provided as alternative power source as at the time of Due Diligence visit.

4.27.3 Condition Overview and Utilization Potential

The assessment of the condition of the equipment and infrastructure is presented in Annex C. At the time of the field survey, some of the installation works were on-going while other were awaiting installation. The utilization potential of this Complex is 0%.

4.27.4 Specifications Summary

Storage	Main Bins	19 x SCAFCO 5000mt
	Temper Bins	Awaiting Installation
	Hospital Bins	Awaiting Installation
Intake and processing	Weigh bridge	Awaiting Installation
	Dry Intake Pit	Awaiting Installation
	Wet Intake Pit	Awaiting Installation
	Dryer	Awaiting Installation
	Cleaner	Awaiting Installation
Grain Mgmt	Control panel	Awaiting Installation
	Elevators	Awaiting Installation
	Drag (Chain) Conveyors	Awaiting Installation
	Mobile Conveyor	Awaiting Installation
	Main Augers	Awaiting Installation Awaiting Installation Awaiting Installation
Offtake	Bulk Loader	Awaiting Installation
	Bagging Plant	Awaiting Installation
	Air Compressors	Awaiting Installation
Utilities	Generators	N/A
	Fuel Depot	N/A
	Water	N/A

4.27.5 Photos from Okigwe Silo Complex



Photo 348: Okigwe Silo Complex Site Entrance Access Road



Photo 349: Warehouse In The Centrifugal Aerators Stored



Photo 350: Warehouse Block



Photo 351: Warehouse In The Centrifugal Aerators Stored



Photo 352: Warehouse In The Centrifugal Aerators Stored



Photo 353: Installation Of Silo Bin Roof Cover



Photo 354: Installation Of Silo Bins On –Going



Photo 355: Civil Works Construction On-Going



Photo 356: Construction On-Going



Photo 357: Paved Section Within Silo Complex



Photo 358: Open Drainage System



Photo 359: Silo Complex Site Under Construction

4.28 Sokoto Silo Complex, Sokoto State.

4.28.1 Location

This Silo Complex is located at Silame Road Wammako Local Government Area, Sokoto State, North West of Nigeria. It is 2km from town city center. The estimated travel time from the city center to the Silo Complex is about 2 minutes.

4.28.2 Technical Specifications

The Silo Complex has a storage capacity of 25,000mt and was completed in 2013. It covers an area of 5.17 hectares. It is a new Silo Complex which started operations in 2013. The Complex includes 10 Silo bins each of 2,500mts capacity and each equipped with 6 temperature probes, 2 aerators, 1 sweep auger and 1 discharge auger. Also in the Complex are 2 hospitals bin and 2 tempering bins.

The Silo Complex is equipped with a weigh bridge, intake pit, control panel, grain dryer, grain cleaner, elevators, conveyors and bagging plant. The Complex also includes a warehouse, administrative block, water hydrants, workshop with tools and a laboratory.

In term of utilities, the Complex is connected to the National Grid, with 2 generators of 250 KVA capacity each, as alternative power supply source. One borehole and a serviceable fuel depot are also available.

The Complex also includes a residential building containing 8 rooms for the Silo staff.

4.28.3 Condition Overview and Utilization Potential

The condition of the equipment and infrastructure are as presented in table 3.28.4 below. Roof cat ladders need to be provided for all Silo bins as well as fire extinguisher, workshop tools and laboratory equipment. The warehouse requires some wall repairs. The utilization potential of this Complex is 94%.

4.28.4 Specifications Summary

Storage	Main Bins	5 x Chief 2500mt 5 x Alvan Blanch 2500mt
	Temper Bins	2 x Alvan Blanch 200mt
	Hospital Bins	2 x Alvan Blanch 200mt
Intake and processing	Weigh bridge	Ton-Tel M0146 50mt
	Dry Intake Pit	Gutridge Limited PU1TZ (A) 50mt/hr
	Wet Intake Pit	Gutridge Limited PU1TZ (A) 50mt/hr
	Dryer	Alvan Blanch DF 22,000 50mt/hr
	Cleaner	Alvan Blanch Rotary Drum 50mt/hr
Grain Mgmt	Control panel	Devizes Controls System
	Elevators	4 bucket elevators 50mt/hr
	Drag (Chain) Conveyors	11 x 50mt/hr
	Mobile Conveyor	2 x Alvan Blanch 50mt/hr
	Main Augers	10 x 1012 series Screw Sweep Augers 50mt/hr 10 x Alvan Blanch Screw 50m t/hr Discharge Augers 4 x Alvan Blanch 50mt/hr Chain Conveyors
Offtake	Bulk Loader	Alvan Blanch 50mt
	Bagging Plant	2 x Fischbein FS 60000 15mt/hr
	Air Compressors	1x Eure-Italy CE 0060NF200Z V200L Ps 11Bar
Utilities	Generators	2 x 250 kVA FG Wilson
	Fuel Depot	1 x15,000 litres
	Water	2 x Borehole

4.28.5 Photos from Sokoto Silo Complex



Photo 360: Intake Pit



Photo 361: Centrifugal Aerators



Photo 362: Grains Dryers



Photo 363: Control Panel



Photo 364: Bagging Plant



Photo 365: Paved Section Within Silo Complex



Photo 366: Weigh Bridge



Photo 367: Generators

4.29 Uyo Silo Complex, Akwa-Ibom State.

4.29.1 Location

This Silo Complex is located at Okbolbiono-Ibom, Akwa-Ibom State, South-South of Nigeria. It is on Km 5, Ikot-Ekpene/Uyo road. The estimated time of travel from Uyo to the Silo Complex is about 5 minutes.

4.29.2 Technical Specifications

The Silo Complex has a storage capacity of 25,000mt and is about 87% complete as indicated by FMARD. It covers an area of 3.6 hectares. The Complex includes 10 Silo bins each with 2,500mts capacity. Each bin is equipped with 2 temperature probes, 2 aerators, 1 sweep auger and 1 discharge auger. Also in the Complex are 2 hospital bins and 2 tempering bins.

The Silo Complex is also equipped with a weigh bridge, grain dryer, elevators and bagging plant. Installation is on-going for the control panel, intake pit, grain cleaner, conveyors and mobile conveyor. The internal drainage network is being built.

The Complex also includes a warehouse, administrative block, workshop block and laboratory.

In term of utilities, the Complex is not connected to the national grid; and there are no other means of alternative power supply source. A functional borehole has been provided.

There are a total of 8 rooms provided as residential building within the Silo Complex.

4.29.3 Condition Overview and Utilization Potential

The assessment of the condition of the equipment and infrastructure is presented in Annex C. Some equipment is still awaiting installation. This includes the control panel, intake pit, grain cleaner, drag conveyors, mobile conveyors, automatic industrial stitching machine and generator. Access roads are awaiting construction. Workshop tools and laboratory equipment need to be provided. The utilization potential of this Complex is 33%.

4.29.4 Specifications Summary

Storage	Main Bins	10 x SCAFCO 2500mt
	Temper Bins	2 x SCAFCO 60mt
	Hospital Bins	2 x SCAFCO 60mt
Intake and processing	Weigh bridge	Fairbanks 50mt
	Dry Intake Pit	Awaiting Installation
	Wet Intake Pit	Awaiting Installation
	Dryer	SCAFCO Model 1195 30mt/hr
	Cleaner	SCAFCO Rotary 30mt/hr
Grain Mgmt	Control panel	Awaiting Installation
	Elevators	6 x bucket elevators
	Drag (Chain) Conveyors	Awaiting Installation
	Mobile Conveyor	Awaiting Installation
	Main Augers	10 x 1012 SCAFCO Baldor Screw Sweep Augers 30mt/hr 10 x SCAFCO Screw M2333T-50 30m t/hr Discharge Augers 4 x SCAFCO 30mt/hr Chain Conveyors
Offtake	Bulk Loader	SCAFCO 30mt
	Bagging Plant	2 x Industrial Automatic sewing machine
	Air Compressors	Awaiting Installation
Utilities	Generators	N/A
	Fuel Depot	N/A
	Water	1 x Borehole

4.29.5 Photos from Uyo Silo Complex



Photo 368: Uyo Silo Complex Under Construction



Photo 369: Grain Dryer



Photo 370: Elevators



Photo 371: Discharge Auger



Photo 372: Discharge Auger



Photo 373: Installation Of Bagging Plant On-Going



Photo 374: Section Of Paved Area With Silo Complex



Photo 375: Grain Cleaner



Photo 376: Grain Conveyors



Photo 377: Silo Components In Warehouse



Photo 378: Centrifugal Aerator



Photo 379: Silo Bins

4.30 Yenagoa Silo Complex, Bayelsa State.

4.30.1 Location

This Silo Complex is located at Igbogene, Yenagoa Local Government, Bayelsa State, South-South of Nigeria. It is about 3km from Yenagoa, the state capital of Bayelsa State. The estimated travel time from Yenagoa to the Silo Complex is about 3 minutes.

4.30.2 Technical Specifications

The Silo Complex has a storage capacity of 100,000mt and is currently is 43% complete as indicated by FMARD. It covers an area of 15.54 hectares. The Project site is currently undergoing a redesign for the foundation of all the structures and Silo bins, due to the peculiar nature of the soil in the area.

Equipment has been imported is awaiting installation as depicted by the attached photographs. There is no progress on civil works, as this is dependent on the completion of the final review of the foundation design.

4.30.3 Condition Overview and Utilization Potential

The assessment of the condition of the equipment and infrastructure is presented in Annex C. Overall only the perimeter fence, drainage and the warehouse has been completed. The utilization potential of the Complex is 0.0%

4.30.4 Specifications Summary

Not available

4.30.5 Photos from Yenagoa Silo Complex



Photo 380: Yenagoa Silo Complex Under Construction



Photo 381: Elevators Flanges



Photo 382: Silo Bin Galvanized Metal Sheets



Photo 383: Silo Screw Augers



Photo 384: Stored Silo Components



Photo 385: Silo Bin Steel Stantions



Photo 386: Section Of Uninstalled Silo Components



Photo 387: Uninstalled Centrifugal Aerators

4.31 Yola Silo Complex, Adamawa State.

4.31.1 Location

This Silo Complex is located at Yola, Yola North Ganjuwa Local Government Adamawa State, North-East of Nigeria. It is situated along the Newman – Yola road about 4km from Newman and 18 km to Yola town. The estimated travel time from Yola town to the Silo Complex is about 20 minutes.

4.31.2 Technical Specifications

The Silo Complex has a storage capacity of 25,000mt and is about 95% complete as indicated by FMARD. It covers a perimeter of 4.5 hectares. The Complex includes 10 Silo bins each with 2,500mts capacity. Each bin is equipped with 4 temperature probes, 1 aerator, 1 sweep auger and 1 discharge auger. Also in the Complex are 2 hospital bins and 2 tempering bins.

The Complex is also equipped with a weigh bridge, grain dryer, elevators, drag chain conveyors, control panel, intake pit, mobile aerator, water hydrant fire extinguishers. Mobile conveyors, laboratory tools and workshop tools have not yet been provided or installed.

Other facilities already provided within the Complex are warehouse, administrative block, workshop block.

In term of utilities, the Complex is connected to the national grid; and there are 2x 250kva generators as alternative power supply source. Public water supply has also not been connected, but a functional borehole has been provided as well as water treatment plant.

There are a total of 5 rooms provided as accommodation within the Silo Complex.

4.31.3 Condition Overview and Utilization Potential

The assessment of the condition of the equipment and infrastructure is presented in Annex C. The mobile conveyor needs to be installed and the Complex needs to be connected to the national grid. Workshop tools and laboratory equipment need to be provided. The utilization potential of this Complex is 87%.

4.31.4 Specifications Summary

Storage	Main Bins	10 x FRAME 2500mt
	Temper Bins	2 x FRAME 60mt
	Hospital Bins	2 x FRAME 60mt
Intake and processing	Weigh bridge	1 x BILANACAI (ITALY) x 50mt
	Dry Intake Pit	1 x FRAME SPA 50mt/hr
	Wet Intake Pit	1 x FRAME SPA 50mt/hr
	Dryer	1 x FRAME SPA 50mt/hr
	Cleaner	1 x FRAME SPA 50mt/hr
Grain Mgmt	Control panel	FRAME SPA
	Elevators	4 x Bucket Elevators
	Drag (Chain) Conveyors	13 x FRAME 50mt/hr
	Mobile Conveyor	Not Available
	Main Augers	10 x FRAME Screw Sweep Augers 50mt 10 x FRAME Screw Discharge Augers 50mt 4 x FRAME Screw Discharge Augers 50mt 4 x FRAME Screw Sweep Augers 50mt
Offtake	Bulk Loader	1x FRAME 60mt
	Bagging Plant	2 x FRAME 30mt/hr
	Air Compressors	1 x Industrial
Utilities	Generators	2 x CUMMINS x 250KVA
	Fuel Depot	N/A
	Water	1 x borehole

4.31.5 Photos from Yola Silo Complex



Photo 388: Yola Silo Complex Entrance Access To Road



Photo 389: Grain Dryer



Photo 390: Centrifugal Aerator



Photo 391: Weigh Bridge



Photo 392: Generators



Photo 393: Weigh Bridge



Photo 394: Intake Pit



Photo 395: Bagging Plant



Photo 396: Silo Bins



Photo 397: Weigh Bridge Monitor And Printer



Photo 398: Warehouse



Photo 399: Bagging Plant Compressor

ANNEX A – DETAILED CONDITION ASSESSMENT TABLES

LIONS HEAD CONSORTIUM

YOEB CONSULTANTS LIMITED

TECHNICAL DUE DILIGENCE DATA REPORT
FOR CONCESSIONING OF SGR SILO COMPLEXES

SECTION A. ORGANIZATIONAL AND POLICY GUIDE INFORMATION

1. ADMINISTRATIVE INFORMATION

1.1	Silo Location	
1.2	State	
1.3	Local Govt. Area	
1.4	Year of commissioning	
1.5	Year of installation	

1.6	Percentage of Completion	
1.7	Capacity of the Silo Complex	
1.8	Quantity of Grains stored	
1.9	Years of Silo operation	
1.10	Name of the civil work contractor	
1.11	Name of equipment manufacturers.	
1.12	Name of Silo operator	
1.13	Name of Silo Manager.	
1.14	Silo Complex phone number	
1.15	Number of employees	
1.15.1	Senior staff	
1.15.2	Junior staff.	

1.15.3	Other staff (Temporary staff/Security)	
1.16	What will be the optimum staff needed to operate the Silo at full capacity	

SILO COMPLEX CONSTRUCTION

2.1	Is the construction of the Silo completed	
	If Yes:	
2.1.1	Year of installation	
2.1.2	Years of Silo operation	
	If No:	
2.1.3	Is there construction ongoing	
2.1.4	When is it expected to be completed?	
2.1.5	What are the outstanding silo equipment yet to be installed	
2.1.6	What are the outstanding civil structures yet to be completed	

2.1.7	Does the equipment provider guarantee the equipment and under what terms?	
2.1.8	Does the construction contractor guarantee the site and under what terms?	
2.2	What is the total perimeter of the Silo Complex in metres	
2.3	What is the extend of fencing (partially completed or completed)	
2.4	What is the quality of the fence (Good or bad)	
2.5	Is the Silo Complex premises fenced, if 'yes' what type of fencing is used?	
2.5.1	<ul style="list-style-type: none"> Wired fence 	
2.5.2	<ul style="list-style-type: none"> Concrete block fence 	
2.5.3	<ul style="list-style-type: none"> Others 	

2.6 Is there any residential building within the Silo Complex? If, 'yes' what type and how many?

2.7 How many buildings are within the Silo Complex?

2.8 How many of the silo staff can utilize the building

3 INVESTMENTS AND COST OF OPERATION

- 3.1 How much is the total contract sum of the Silo Complex
- 3.2 How much has so far been invested by Government on the Silo Complex
- 3.3 How much will be needed to complete the facility, if it is not yet completed? (N)
- 3.4 Estimate of annual maintenance cost of the facility (N) (labour plus materials)
- 3.5 Estimate annual salary/wages of permanent staff to operate the silo (excluding labour required for maintenance)
- 3.6 Estimate annual casual labour costs to operate the silos (excluding labour required for maintenance)
- 3.7 Estimate annual overhead costs (utilities plus any other fixed costs)
- 3.8 Does the Silo Complex management maintain financial records?
- 3.9 Does the Silo Complex management produce annual budgets/reports/financial statements?
- 3.10 If so, is it possible to get a copy for the last three years?

4 MARKET

- 4.1 What crops are currently stored or could be stored:

	Type of grains stored	Annual Grain Stored (Metric Ton)			Annual Grain Released (Metric Ton)		
		Year 1	Year 2	Year 3	Year 1	Year 2	Year 3
4.1.1	Maize						
4.1.2	Rice						
4.1.3	Sorghum/Guinea Corn						
4.1.4	Millet						

4.1.5	Barley		
4.1.6	Soya Beans		
4.1.7	Other		

4.2 list the names of grains suppliers

4.3 list the names of beneficiaries of grains release

4.4 What is the total quantity of grains received?

4.5 What is the total quantity of grains released?

4.6 Do you charge tariff for stored item(s)?

Crop	Storage Charge	Recent Turnover

4.7 What other services do you charge for?

Service	Charge	Recent Turnover

4.8 Do you have a private silo operator? If yes;

Name	No. of Bins	Lease Period	Rent	Activity

4.9 Who do you think, could be interested in storing grains in the silo over the next five years?

4.10 Which grains do you think could or should be stored at this particular Complex and for what purpose (Agro-processing, local trading, import, export)

5. GRAINS MANAGEMENT

5.1 Is the temperature of the stored grains being monitored, Yes [] No [], if yes

5.2 How often is the temperature monitored?

5.3 Is periodic analysis of stored grains carried out, Yes [] No []

5.4 If yes, how often is it carried out?

5.5 How often are the stored grains fumigated?

5.6 How often are the stored grains overturned?

5.7 Estimate the average percentage of storage losses incurred in the last grain release exercise

SECTION B. TECHNICAL DUE DILIGENCE DATA

6 WEIGH BRIDGE

6.1 What is the:

6.1.1 Type of Weigh Bridge. Digital ☐ or Analogue ☐ please tick

6.1.2 Make of Weigh Bridge

- 6.1.3 Model of Weigh Bridge
- 6.1.4 Capacity of Weigh Bridge
- 6.1.5 Quantity on site
- 6.2 Is there any fault with the weigh bridge? If yes, state.
- 6.3 When was the last calibration carried out?
- 6.4 What other types of weighing scale are in use at the Silo Complex

7 CONTROL PANEL

- 7.1 What is the:
 - 7.1.1 Type of Control Panel. Digital [] or Analogue []
 - 7.1.2 Make of Control Panel
 - 7.1.3 Model of the Control Panel
 - 7.1.4 What is the level of automation; full automation centrally controlled [] or Semi automation [].
- 7.2 Is there any fault with Control Panel? If yes, state

8 INTAKE PIT/RECEPTION PIT

- 8.1 Dry intake – pit; what is the:
 - 8.1.2 Type of conveyor; Auger [] Chain Conveyor []
 - 8.1.3 Make of conveyor
 - 8.1.4 Model of conveyor.
 - 8.1.5 Capacity in tons/hour
 - 8.1.6 What is the length and speed of the conveyor?
 - 8.1.7 What is the conveyor's electric motor power?
 - 8.1.8 Does the auger have a guard mesh fitted?
 - 8.1.9 Is the trough covers dust-tight, secure and waterproof?
 - 8.1.10 Is there an unusual sound or vibration from the auger or screw conveyor?
 - 8.1.11 The bearing at the drive end of the auger or screw conveyor has it being replaced before?

- 8.1.12 Is the screw in alignment with the delivery trough?
- 8.1.13 Does the screw of the auger or screw conveyor turning freely?
- 8.1.14 Are there other faults with the conveyor. Please state
- 8.2 Wet intake –pit; what is the:
 - 8.2.1 Type of conveyor; Auger [] Chain Conveyor []
 - 8.2.2 Make of conveyor
 - 8.2.3 Model of conveyor
 - 8.2.4 Capacity in tons/hour
 - 8.2.5 What is the length and speed of the conveyor?
 - 8.2.6 What is the conveyor's electric motor power?
 - 8.2.7 Does the auger have a guard mesh fitted?
 - 8.2.8 Is there an unusual sound or vibration from the auger or screw conveyor?
 - 8.2.9 The bearing at the drive end of the auger or screw conveyor has it being replaced before?
 - 8.2.10 Is the screw in alignment with the delivery trough?
 - 8.2.11 Does the screw of the auger or screw conveyor turning freely?
 - 8.2.12 Is the trough covers dust-tight, secure and waterproof?
 - 8.2.13 Are there other faults with the conveyor. Please state:
- 8.3 Are there maintenance challenges on the intake pit?
- 8.4 Are there water seepage inside the intake pit?
- 8.5 .1 Are submersible pumps, surface pump or mobile pumps provided for the pit?
- 8.5.2 What is the capacity of the pump provided?

9 GRAIN CLEANER

- 9.1 What is the:
 - 9.1.1 Type of cleaner installed
 - 9.1.2 Capacity in tons/hour
 - 9.1.3 Model

9.1.4 Make

9.2 What type of air blowers/aspirators does the cleaner have?

9.3 What is the capacity and speed of the electric motor?

9.4 Does the drive belt(s) need replacement?

9.5 When last was the bearings lubricated or replaced?

9.6 Is the dust suction fan or extractor effective?

9.7 Does the dust collector discharges dust from the chute outlet or through the vent?

9.8 Does the cleaner have a destoner?

9.9 Does the cleaner have a magnetic separator?

10. ELEVATORS

10.1 What types of elevators are installed?

10.2 No. of elevators installed?

10.3 What is the capacity in tons/hour?

10.4 What is the height of the flange of elevator?

10.5 What is the capacity and speed of the electric motor?

10.6 Are there leakages in the elevator flange?

10.7 Are there leakages in the elevator booths/base?

10.8 Are there leakages in the elevators buckets or cups?

10.9 What type of material is the elevator bucket/cups made of, Metal [] Plastic []

10.10 Are there seepages in the elevator pit?

10.11 Are there submersible pumps, surface pumps or mobile pumping machines provided for the elevator pits?

10.12 If yes, what is the capacity of the pump provided?

10.13 Do the sprocket chains drive freely?

10.14 How long have the bearings lubricated or replaced?

11 DRYER

11.1 What is the:-

11.1.1 Type of the Dryer. Batch dryer ☐ or Continuous flow dryer ☐

11.1.2 Capacity of dryer in tons/hour

11.1.3 Make of the Dryer

11.1.4 Model of the Dryer

11.1.5 Are the fans functioning effectively?

11.1.6 Does the belt drives rotate freely?

11.1.7 How long has the belt drives been replaced?

11.1.8 Does the dryer type use air compressor? Yes or No

11.1.9 If yes, does the air compressor deliver air at the specified pressure?

11.1.10 When last was the dryer put to use:

If in (11.1.1) above the dryer is the continuous flow type, does the metering device regulates the flow of grains properly

11.1.11 what is the capacity of the dryer's elevator in tons/hour?

11.1.12 what is the capacity of the dryer's conveyor in tons/hour?

11.1.13 Does the elevator and conveyor move freely?

11.1.14 How long have the bearings lubricated or replaced?

11.1.15 Are the temperature probes functioning?

11.1.16 what type of burner is installed for the dryer?

11.1.17 what is the source of heating. Gas, electricity, coal, charcoal, diesel, petrol?

11.1.18 If it is gas, what is the capacity of the storage tank?

11.1.19 Is the distance of the gas tank installation adequate from the burner?

11.1.20 who are the suppliers of the source of heating utilized?

11.1.21 where does the supply of the source of heating comes from

11.2 The electric motors are they functioning properly. Yes or No: if No, state faults

11.3 What are the:

11.3.1 Types of electric motors

11.3.2 Capacities and speed of the electric motors

11.3.3 Makes of the electric motors

11.3.4 Models of the electric motors

12. DRAG (CHAIN) CONVEYORS

12.1 What are the nos. of conveyors installed?

12.2 What are the Capacities of conveyors in tons/hour?

12.3 What are the lengths of the conveyors?

12.4 Are there grain droppings at the base of the conveyor troughs?

12.5 Are the conveyor troughs covered and fitted?

12.6 Does the drag chains drive freely?

12.7 When last was the drag chain replaced?

12.8 When last was the bearing seats, bearings and rollers lubricated or replaced?

12.9 What are the capacities and speed of the electric motors?

13 SILO BINS

	Questions	Silo 1	Silo 2	Silo 3	Silo 4	Silo 5	Silo 6	Silo 7	Silo 8	Silo 9	Silo 10	Temper bin 1	Temper bin 2	Hospital bin 1	Hospital bin 2
13.1	Capacity of the Silo bin														
13.2	Circumference of the Silo bin														
13.3	Height of the Silo														

	bin														
13.4	Silo type; flat or hopper bottom														
13.5	How many Silo bin roof blade has damaged														
13.6	How many Silo bin wall sheet has damaged/rusty														
13.7	Does the Silo bin has a side wall Inspection window (Yes/No)														
13.8	How many Silo bin window are damaged														
13.9	How many side wall inspection windows in a Silo bin														
13.10	Is the cat ladder with Protective guard (Yes/No)														

13.11	Is there a cat ladder on silo bin roof cover (Yes/No)														
13.12	Any temperature probes inside the Silo bin (Yes/No)														
13.13	How many temperature probes in the silo bin														
13.14	Are the temp. probes functioning properly (Yes/No)														
13.15	Are there Air vents on top of silo bin roof cover														
13.16	Is there any roof leakage in the silo bin														
13.17	How large is the														

	area of Leakage														
13.18	Area in sqm of side wall sheets corroded														
13.19	How many aeration fans installed														
13.20	Are they functioning properly														
13.21	Types of aerator														
13.22	Are all the aerator fans provided with dehumidifier														
13.23	Air flow rate of aerators														
13.24	Models of the aerators														
13.25	Capacity of motor drive														
13.26	Speed of electric motor drive														

13.27	No of dehumidifiers Installed														
13.28	Are they functioning properly														
13.29	Capacity of the dehumidifiers														
13.30	What other types of dehumidifiers are in use														
13.31	Model of dehumidifiers														
13.32	Does the silo bin has a sweep auger														
13.33	Is the sweep auger functioning properly (Yes/No)														
13.34	Is the length of the sweep auger adequate														

13.35	Capacity of the sweep auger														
13.36	Model of the sweep auger														
13.37	Make of the sweep auger														
13.38	What other type system is in use for grain discharge														
13.39	Capacity of the electric motor of the sweep auger														
13.40	Speed of electric motor drives of the sweep auger														
13.41	Is the discharge auger functioning properly (Yes/No)														
13.42	Type of discharge auger														
13.43	Capacity of discharge auger														

13.44	Make of the discharge auger														
13.45	Model of the discharge auger														
13.46	Capacity of the electric motor drive of the discharge auger														
13.47	Speed of the electric motor drive of the discharge auger														
13.48	Are there water seepages into the Silo bin														
13.49	If yes, at what point/location														
13.50	Are there water seepages under the tunnel base of the Silo bin														

13.51	If yes, are submersible pump, surface pump or mobile pump provided for the tunnel base under the Silo														
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14 BULK LOADER

14.1 When last was it put to use

14.2 What is the:

14.2.1 Capacity

14.2.2 Type

14.2.3 Model

14.2.4 Make

14.3 Is the bulk loader functioning to its capacity? Yes or No, If No, state reasons

14.4 Will you suggest a replacement based on the fault to improve efficiency?

15 BAGGING PLANT

15.1 Sewing machine

15.1.1 What is the capacity/hr of the sewing machine?

15.1.2 What is the type of the sewing machine? Industrial Automatic [] Manual Hand held [] or both types []

15.1.3 What model is it?

15.1.4 What is the Make of the machine?

Is the sewing machine working optimally? Yes/No, If No, state reasons.

15.2 Air compressors.

15.2.1 What is the capacity/hr of the Air Compressors?

15.2.2 What is the type of the Air compressors in use?

15.2.3 What model is it?

15.2.4 What is the Make of the Air Compressors?

15.2.5 Are the compressors working to their full capacity? Yes/No. if No, state reasons.

15.3 On the general condition of bagging plant, how will you rate its efficiency in %, 100.....80.....60.....40.....20.....

15.4 If the components of the bagging plants are faulty, what would be your decision; replacement part/maintenance or purchasing another component that make up the bagging plant.

15.5 How many lines of bagging plants are installed in the Silo Complex?

16 MOBILE CONVEYOR (INCLINED)

16.1 What is the:-

16.1.1 Capacity

16.1.2 Type

16.1.3 Model

16.1.4 Make

16.1.5 Length

16.2 Is the mobile conveyor functioning to its capacity? Yes/No, If No, state your reasons.

16.3 How many mobile conveyors do you have?

16.4 SUMMARY TABLE FOR ELECTRIC MOTORS

Total numbers of electric motors at the Silo Complex	Total numbers of functioning electric motors	Total numbers of faulty electric motors

17 LABORATORY EQUIPMENT/ TOOLS

- 17.1** What are the tools available for use in the Laboratory on allotted list?
- 17.2** What are the other needed tools/equipment needed that are not been provided?
- 17.3** What are the state of conditions of the laboratory tools that have been provided?

18 UTILITY AND SERVICES**18.1 Water Supply;**

18.1.1 Is the Silo Complex connected to public water supply system?

18.1.2 Is the water bill paid regularly? Yes [] No []

18.1.3 If no, what is the debt own to water board?

18.1.4 If no, what is the alternative source of water to the Silo Complex: Borehole ☐ Water Tanker ☐

18.1.5 If it is Borehole, what is the water yield in Litres/Sec?

18.1.6 Is the Borehole functioning properly? Yes/No, if no, state reasons

18.1.7 How many Boreholes are constructed in the Silo Complex?

18.1.8 Are the Boreholes pumping machines functioning properly?

If yes, what are their capacities?

18.2 Water Hydrant

18.2.1 Are water hydrant provided at the Silo Complex?

18.2.2 What is the capacity of the hydrant?

18.2.3 Is the water hydrant still functioning? Yes [] No []

18.2.4 How many water hydrants do you have in each of the Silo Complexes?

18.2.5 What other types of fire control equipment are provided at the Silo Complex; (a) fire extinguisher [], (b) Others

18.2.6 What types of fire extinguishers are provided at the Silo Complex; (a) Liquid [], (b) Powder [], (c) Foam []

18.2.7 How many fire extinguishers are provided?

18.2.8 What are their capacities and expiry date of the fire extinguishers

18.3 Fuel Depot

18.3.1 What is the capacity of the depot in litres?

18.3.2 Is the fuel depot in use? Yes/No, If No state reasons

18.3.3 What type of fuel is in use; petrol [], diesel []

18.3.4 Who are the suppliers?

18.3.5 Where does the supply come from?

18.4 National Grid

18.4.1 Is the Complex connected to the National Grid?

18.4.2 If yes in (I) above, what is the other alternative source of power to the Silo Complex

18.5 Transformer

18.5.1 Does the Silo Complex have a dedicated transformer? Yes [] No []

18.5.2 If yes, what is the capacity?

18.5.3 Is the electricity bill paid regularly? Yes [] No []

18.5.4 If no, what is the debt own to PHCN?

18.6 Generator

- 18.6.1 How long has the Generator being in use
- 18.6.2 How many numbers of Generators are provided and what are their capacities there.
- 18.6.3 What is the Make of the Generator(s)
- 18.6.4 What is the maintenance schedule? Weekly, monthly or once in every 3months
- 18.6.5 Is the Generator working properly? Yes/No, if no, state the reason(s)
- 18.6.6 How much is spent on Generator usage on monthly basis

18.7 Water Treatment Plant

- 18.7.1 What is the capacity of the water treatment plant?
Is it working properly and at full capacity? Yes/No. If No, state reasons
- 18.7.2 How hygienic is the treated water (Is it safe for drinking)? Yes/No, If No state reasons
- 18.7.3 How often do you clean the tank for storing water in the treatment plant?

19. ROADS AND DRAINAGE SYSTEMS**19.1 Access Roads to Silo Complex**

- 19.1.1 Estimate the travel time from the nearest town to the Silo Complex
- 19.1.2 What is the average distance for the production or sourcing areas for grains supplied to this Silo?
- 19.1.3 What is the distance in KM?
- 19.1.3 Is it graded and tarred. Yes or No

19.2 Internal Roads

- 19.2.1 Are there roads constructed within the Silo Complex?
- 19.2.2 If yes, what are their conditions? Good or Bad
- 19.2.3 If bad, does it require maintenance? Yes or No
- 19.2.4 Are the internal roads adequate? Yes or No
- 19.2.5 What are the types of roads; Paved [], Unpaved []

19.2.6 What is the distance of the roads in metre?

19.3 Drainage Systems

19.2.1 Are there drainage system constructed? Yes [] or No []

19.3.2 If yes, are they adequate? Yes or No

19.3.3 What type of drainage systems are constructed? open [] or closed []

19.3.4 Does it require maintenance?

20. WORKSHOP EQUIPMENT/TOOLS

20.1 What are the tools available for use in the workshop on allotted list?

20.2 What are the other needed tools/equipment needed that are not been provided?

20.3 What are the state of conditions of the workshop tools that have been provided?

21. CIVIL STRUCTURES**21.1 Buildings**

	Questions	Warehouse	Admin Block	Workshop	Utility Block & Services	Security Staff Lodge	Truck Driver's Lodge	Manager's Residence
21.1.1	State the Total Area occupied							
21.1.2	State the Length, breadth and Height							
21.1.3	What is the storage capacity							
21.1.4	What is the stage of completion							
21.1.5	Year of Completion (Actual or proposed)							

21.1.6	Is the facility currently in use (Yes or No)							
21.1.7	Is the facility structural stable(Yes or No)							
21.1.8	If No, are there cracks seen (Yes or No)							
21.1.9	If Yes, Is it surface or deep cracks							
21.1.10	Are all electrical fittings in place (Yes or No)							
21.1.11	If No, state the missing parts.							
21.1.12	Are all electrical fittings functional (Yes or No)							
	If No, state the faults							

21.1.14	Are all the Mechanical and plumbing works completed (Yes or No)							
21.1.15	If No, state the fittings & accessories not yet done							
21.1.16	Are they all functional (Yes or No)							
21.1.17	If No, state the faulty items							
21.1.18	Is there any leakage in roof covering (Yes or No)							
21.1.19	If yes, what is the extent of the leakage (Severe or Mild)							
21.1.20	Has the leakage been fixed (Yes or No)							

21.1.21	Is the facility renovated recently or wearing an old dilapidated look (Yes or No)							
21.1.22	How many office apartments are there in the building							
21.1.23	Is there furniture in the offices (Yes or No)							
21.1.24	If Yes, what is the condition (good or bad)							
21.1.25	How many chairs and tables are there in the office apartments							
21.1.26	State other set of furniture inside the offices							
21.1.27	Are there beds with mattresses in the lodge (Yes or No)							

21.1.28	If yes, state the number of beds/mattresses							
21.1.29	Are utility facilities like plumbing works functioning properly (Yes or No)							
21.1.30	Is the facility properly maintained (Yes or No)							
21.1.31	Is the building properly maintained at scheduled periods (Yes or No)							
21.1.32	If Yes, state the schedule period in a year							
21.1.33	Is the facility's environment clean (Yes or No)							
21.1.34	If yes, how often do they carry out this exercise							

21.1.35	What are the tools available for use in the workshop on allotted list							
21.1.36	Are there other needed tools not provided							
21.1.37	State the no. of faulty windows							
21.1.38	State the no of faulty doors							
21.1.39	State the no of faulty locks							
21.1.40	State the no of roof leakages							
21.1.41	Give the area of damaged ceiling							
21.1.42	What is the finishing of the floor such as tiled, terrazzo or screed							
21.1.43	Give the area of damaged floor							

21.1.44	State the no of Water Closet							
21.1.45	State the no of Wash Hand Basin							
21.1.46	State the no of kitchen sink							
21.1.47	State the no of Kitchen Cabinet							

SECTION C. OTHER PLANTS LOCATED WITHIN SILO COMPLEX PREMISES

- 22.1 Type of plant
- 22.2 Capacity of plant
- 22.3 Site of land apportioned for the plant
- 22.4 Is it enclosed in a fenced area within the main Silo Complex.
- 22.5 Does it share facilities with Silo Complex, Yes [], No []. If yes, state the shared facilities
- 22.6 Can this plant be effectively separated off from the Silo Complex in its operation and management

SECTION D. RISK ASSESSMENT**23. PLANNING CONSENT RISK**

- 23.1 Desk reviews of ministries commitment to the concession work-plan.

24. SITE RISKS

- 24.1 Who owns the land on which the Silo Complex is built?
- 24.2 Is there any valid title document to the land?
- 24.3 Is there any dispute on the land?
- 24.4 If yes, what is the nature of the dispute?

25. TECHNICAL RISK

- 25.1 How will you rate the design of the Silo Complex?
- 25.2 In your own opinion, which part of the Silo Complex do you think is not necessary for commercial purpose?
- 25.3 If you were to change, what will you change in the design of the Silo Complex and why

26. CONSTRUCTION RISK

26.1 Desk review of the contractors' commitment to the completion of the on-going silo construction sites

27. OPERATING RISK

27.1 Has there been any labour issue at the site?

27.1.1 If yes, what are the common labour issues?

27.1.2 How were they resolved?

27.2 What are the common machine's break down?

27.2.1 How readily available are the machines spare parts.

27.2.2 How readily available are technicians to carry out repair and maintenance works?

27.3 Are there any documented occurrences of accident(s) and health challenges involving worker(s) at the Complex?

27.4 How safe is the work environment to workers against reptiles, scorpions etc.

27.5 What types of environmental handling equipment are provided on site.

27.6 Has any fumigation exercise been carried out at the site, Yes [] No []

27.7 If yes, how often is it carried out

27.8 When was the last time fumigation was carried out at the Complex site?

27.9 How protected are the workers from the harmful effects of chemicals on workers at site?

27.10 What are the types of wastes generated in the Complex?

27.11 Do the activities of the Silo Complex cause obnoxious smell to workers or the public

27.12 Has there been any complaint by workers at the Silo Complex on:

27.12.1 Insecurity ☐ ☐

27.12.2 Attack by community yes ☐ No ☐

27.12.3 Animal invasion or attack yes ☐ No ☐

If yes above, what steps were taken to address the issues raised

27.13 Are efficient and effective protective gears provided for silo workers

- 27.14 Is there a well stock and staff sick bay or clinic provided within the Silo Complex
- 27.15 Is there any medical management/safety emergency evacuation procedure in place
- 27.16 Has there been any medical emergency experience, if yes, when, and what are the causes

28. DEMAND RISK

- 28.1 What types of grains are produced in the state?
- 28.2 What types of grains are stored in the Silos?
- 28.3 Where do the grains come from?
- 28.4 What are the sources of grain supply?
- 28.5 Any major processing facilities in the state?
- 28.6 Any other main storage facilities in the state?
- 28.7 What is/(are) the capacity of the storage facilities?
- 28.8 What is the distance of the closest processing facility to the silo site?
- 28.9 What is the closest storage facility to the site and what is its capacity?

29. GENERAL MAJOR CHALLENGES

- 29.1 What are the major operational and management challenges encountered on site

ANNEX B – UTILIZATION POTENTIAL EVALUATION

S/N	ITEM	WEIGHTED % OF ITEM	ADO-EKITI	AKURE	BAUCHI	BULASA	DUTSIN-MA	EZILLO	GAYA	GOMBE	GUSAU	IBADAN	IGBARIAM	IKENNE	ILESHA	ILORIN	IRRUA
1	WEIGH BRIDGE	8	0	8	0	8	8	8	8	7	8	8	0	8	8	7	8
2	INTAKE PIT	10	10	10	10	10	10	10	10	9	10	10	0	10	10	6	10
3	CONTROL PANEL	10	10	10	0	10	10	10	10	8	10	10	0	10	10	10	9
4	GRAIN CLEANER	10	10	10	10	10	10	10	10	10	10	10	0	10	10	6	8
5	ELEVATORS	10	10	9	10	10	10	10	10	8	10	8	0	10	10	6	10
6	DRAG CONVEYOR	10	10	10	10	10	10	10	10	10	10	10	0	10	10	10	9
7	SILO BINS	10	10	9	0	10	10	10	8	8	9	5	0	10	10	9	5
8	HOSPITAL BINS	2	2	0	2	2	2	2	2	2	2	2	0	2	2	0	1
9	TEMPERING BINS	2	2	0	2	2	2	2	2	2	2	2	0	2	2	0	2
10	BULK LOADING BIN	2	2	1	2	2	2	0	2	1	2	2	0	2	2	1	1
11	BAGGING PLANT	8	8	2	8	8	5	10	0	7	8	8	0	8	8	0	0
12	GENERATOR/POWER SUPPLY	10	5	10	10	10	7.5	5	10	8.8	10	10	0	10	10	5	7.5
13	LABORATORY EQUIPMENT	8	0	6	0	0	0	0	0	8	0	2	0	0	3	4	4
	% Utilization Potential	100	79	85	64	92	87	87	82	88.8	91	87	0	92	95	64	75

SOURCE: YOEB CONSULTANTS LTD (2015)

Group 1
 Group 2
 Group 3
 Group 4

S/N	ITEM	WEIGHTED % OF ITEM	JAHUN	JALINGO	JOS	KADUNA	KWALI	LAFIA	LAFIAGI	LOKOJA	MAKURDI	MINNA	OGOJA	OKIGWE	SOKOTO	UYO	YENAGOA	YOLA
1	WEIGH BRIDGE	8	8	0	8	0	8	8	8	0	8	8	8	0	8	8	0	8
2	INTAKE PIT	10	10	0	10	5	10	0	10	0	10	10	10	0	10	0	0	10
3	CONTROL PANEL	10	10	0	10	0	9	0	10	0	10	10	10	0	10	0	0	10
4	GRAIN CLEANER	10	7	0	7	10	7	0	10	0	10	10	10	0	10	0	0	10
5	ELEVATORS	10	8	0	10	10	10	0	10	0	10	10	10	0	10	0	0	10
6	DRAG CONVEYOR	10	10	0	10	10	10	0	10	0	10	10	10	0	10	10	0	10
7	SILO BINS	10	8	8	10	5	9	0	8	8	8	8	10	0	9	9	0	10
8	HOSPITAL BINS	2	2	0	2	1	2	0	0	2	2	2	1	0	2	2	0	2
9	TEMPERING BINS	2	2	0	2	2	2	0	2	2	2	2	2	0	2	2	0	2
10	BULK LOADING BIN	2	2	0	2	2	2	0	0	0	2	2	2	0	2	2	0	2
11	BAGGING PLANT	8	8	0	8	0	8	0	8	0	8	8	2	0	8	0	0	8
12	GENERATOR/POWER SUPPLY	10	10	0	10	10	5	5	4	5	10	10	9	0	10	0	0	5
13	LABORATORY EQUIPMENT	8	6	0	4	4	0	0	2	0	8	6	8	0	3	0	0	0
	% Utilization Potential	100	91	8	93	59	82	13	82	17	98	96	92	0	94	33	0	87

SOURCE: YOEB CONSULTANTS LTD (2015)

Group 1
 Group 2
 Group 3
 Group 4

ANNEX C – DETAILED CONDITION ASSESSMENT OF THE SILO COMPLEXES

Ado-Ekiti Silo Complex, Ekiti State						
SN	Equipment Description	Condition Grade	Faulty Component	Specification	Remedy Action	Cost of Replacement or Repairs
1	WEIGH BRIDGE	Awaiting Installation	Not Applicable	Not Applicable	Installation	
2	INTAKE PIT	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
3	CONTROL PANEL	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
4	GRAIN CLEANER	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
5	ELEVATORS	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
6	GRAIN DRYER	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
7	DRAG (CHAIN) CONVEYOR	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
8	SILO BIN 1	Newly Installed	No Internal Ladder	Internal Ladder	Installation	
9	SILO BIN 2	Newly Installed	No Internal Ladder	Internal Ladder	Installation	
10	SILO BIN 3	Newly Installed	No Internal Ladder	Internal Ladder	Installation	
11	SILO BIN 4	Newly Installed	No Internal Ladder	Internal Ladder	Installation	
12	SILO BIN 5	Newly Installed	No Internal Ladder	Internal Ladder	Installation	
13	SILO BIN 6	Newly Installed	No Internal Ladder	Internal Ladder	Installation	
14	SILO BIN 7	Newly Installed	No Internal Ladder	Internal Ladder	Installation	
15	SILO BIN 8	Newly Installed	No Internal Ladder	Internal Ladder	Installation	
16	SILO BIN 9	Newly Installed	No Internal Ladder	Internal Ladder	Installation	
17	SILO BIN 10	Newly Installed	No Internal Ladder	Internal Ladder	Installation	
18	SILO BIN 11	Newly Installed	No Internal Ladder	Internal Ladder	Installation	
19	SILO BIN 12	Newly Installed	No Internal Ladder	Internal Ladder	Installation	
20	SILO BIN 13	Newly Installed	No Internal Ladder	Internal Ladder	Installation	
21	SILO BIN 14	Newly Installed	No Internal Ladder	Internal Ladder	Installation	
22	SILO BIN 15	Newly Installed	No Internal Ladder	Internal Ladder	Installation	
23	SILO BIN 16	Newly Installed	No Internal Ladder	Internal Ladder	Installation	
24	SILO BIN 17	Newly Installed	No Internal Ladder	Internal Ladder	Installation	
25	SILO BIN 18	Newly Installed	No Internal Ladder	Internal Ladder	Installation	
26	SILO BIN 19	Newly Installed	No Internal Ladder	Internal Ladder	Installation	
27	SILO BIN 20	Newly Installed	No Internal Ladder	Internal Ladder	Installation	
28	HOSPITAL BIN 1	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
29	HOSPITAL BIN 2	Newly Installed	Not Applicable	Not Applicable	Not Applicable	

Ado-Ekiti Silo Complex, Ekiti State						
SN	Equipment Description	Condition Grade	Faulty Component	Specification	Remedy Action	Cost of Replacement or Repairs
30	TEMPERING BIN 1	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
31	TEMPERING BIN 2	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
32	BULK LOADING BIN	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
33	BAGGING PLANT	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
34	MOBILE CONVEYOR	Awaiting Installation	Not Applicable	Not Applicable	Installation	
35	WORKSHOP Tools	Not Available	Not Applicable	Complete Set Of Mechanical & Electrical workshop	Provision	
36	LABORATORY Tools	Not Available	Not Applicable	Complete Basic Laboratory Tools	Provision	
37	BOREHOLE	Newly Constructed	Pumping Machine	2HP	Provision	
38	WATER TREATMENT PLANT	Installation On-going	Not Applicable	Not Applicable	Installation	
39	WATER HYDRANT	Installation On-going	Not Applicable	Not Applicable	Installation	
40	FIRE EXTINGUISHER	Not Available	Not Applicable	Not Applicable	Provision	
41	FUEL DEPOT	Not Available	Not Applicable	Not Applicable	Not Applicable	
42	POWER SUPPLY (Main)	Awaiting Installation	Not Applicable	Not Applicable	Installation	
43	GENERATOR	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
44	ACCESS ROADS	Very Good	Not Applicable	Not Applicable	Not Applicable	
45	INTERNAL ROADS NETWORK	Very Good	Not Applicable	Not Applicable	Not Applicable	
46	INTERNAL DRAINAGE NETWORK	Very Good	Not Applicable	Not Applicable	Not Applicable	
47	WAREHOUSE	Very Good	Not Applicable	Not Applicable	Not Applicable	
48	ADMINISTRATIVE BLOCK	Very Good	Not Applicable	Not Applicable	Not Applicable	
49	WORKSHOP BLOCK	Very Good	Not Applicable	Not Applicable	Not Applicable	
50	UTILITY BLOCK	Very Good	Not Applicable	Not Applicable	Not Applicable	
51	SECURITY POST	Very Good	Not Applicable	Not Applicable	Not Applicable	
52	FENCE	Very Good	Not Applicable	Not Applicable	Not Applicable	
53	DUST HOUSE	None	Not Applicable	Not Applicable	Provision	
54	TRACTOR	Not Available	Not Applicable	Not Applicable	Not Applicable	
55	SECURITY LIGHT	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
56	PROJECT VEHICLE	Not Available	Not Applicable	Not Applicable	Not Applicable	
57	MANAGER'S RESIDENCE	Very Good	Not Applicable	Not Applicable	Not Applicable	
58	TRUCK DRIVERS LODGE	Very Good	Not Applicable	Not Applicable	Not Applicable	
59	SECURITY STAFF LODGE	Very Good	Not Applicable	Not Applicable	Not Applicable	

Akure Silo Complex, Ondo State						
SN	Equipment Description	Condition Grade	Faulty Component	Specification	Remedy Action	Cost of Replacement or Repairs
1	WEIGH BRIDGE					
2	INTAKE PIT	Very Good	Not Applicable	Not Applicable	Not Applicable	
3	CONTROL PANEL	Very Good	Not Applicable	Not Applicable	Not Applicable	
4	GRAIN CLEANER	Very Good	Not Applicable	Not Applicable	Not Applicable	
5	ELEVATORS	Good	Seepage and Leakages	Civil and Equipment Work	Repairs	N200,000
6	GRAIN DRYER	Never Been Used	Not Applicable	Not Applicable	Not Applicable	
7	DRAG (CHAIN) CONVEYOR	Very Good	Not Applicable	Not Applicable	Not Applicable	
8	SILO BIN 1	Very Good	Not Applicable	Not Applicable	Not Applicable	
9	SILO BIN 2	Very Good	Not Applicable	Not Applicable	Not Applicable	
10	SILO BIN 3	Very Good	Not Applicable	Not Applicable	Not Applicable	
11	SILO BIN 4	Very Good	Not Applicable	Not Applicable	Not Applicable	
12	SILO BIN 5	Very Good	Not Applicable	Not Applicable	Not Applicable	
13	SILO BIN 6	Very Good	Not Applicable	Not Applicable	Not Applicable	
14	SILO BIN 7	Good	ExtrAction Auger	Screw Auger/Bearing	Replacement	N50,000
15	SILO BIN 8	Very Good	Not Applicable	Not Applicable	Not Applicable	
16	SILO BIN 9	Very Good	Not Applicable	Not Applicable	Not Applicable	
17	SILO BIN 10	Very Good	Not Applicable	Not Applicable	Not Applicable	
18	SILO BIN 11	None				
19	SILO BIN 12	None				
20	SILO BIN 13	None				
21	SILO BIN 14	None				
22	SILO BIN 15	None				
23	SILO BIN 16	None				
24	SILO BIN 17	None				
25	SILO BIN 18	None				
26	SILO BIN 19	None				
27	SILO BIN 20	None				
28	HOSPITAL BIN 1	Fair	ExtrAction Auger, Corroded Metallic Sheet, Electric Motor .	Screw Auger, Metallic Sheet, 3Kw	Replacement	N200,000
29	HOSPITAL BIN 2	Fair	Corroded Metallic Sheet(5Nos) Electric Motor	Metal Sheet (5Nos.) 3kw Electric Motor	Replacement	N75,000
30	TEMPERING BIN 1	Good	Electric Motor and Chain Conveyor	3kw and Chain Conveyor	Replacement	N100,000
31	TEMPERING BIN 2	Good	Electric Motor and Chain Conveyor	3kw and Chain Conveyor	Replacement	N100,000
32	BULK LOADING BIN	Good	Loading/ Conveyor Bearing, Electric Motor	Ball Bearing , 3Kw	Replacement	N100,000
33	BAGGING PLANT	Fair	Inappropriate Sewing Machine, Pneumatic valve, Air compressor	Industrial Sewing Machine, Pneumatic, 2.2kw compressor	Provision	N3.62M

Akure Silo Complex, Ondo State						
SN	Equipment Description	Condition Grade	Faulty Component	Specification	Remedy Action	Cost of Replacement or Repairs
34	MOBILE CONVEYOR	Awaiting Installation	Not Applicable	Not Applicable	Installation	N100,000
35	WORKSHOP Tools	Poor	Incomplete	Complete Set of Tool Box	Provision	N400,000
36	LABORATORY Tools	Good	Incomplete	Hectolitre Weight Metre & Microscope	Provision	N600,000
37	BOREHOLE	Very Good	Not Applicable	Not Applicable	Not Applicable	
38	WATER TREATMENT PLANT	Not Available	Not Applicable	Not Applicable	Installation	
39	WATER HYDRANT	Very Good	Not Applicable	Not Applicable	Not Applicable	
40	FIRE EXTINGUISHER	Poor	Expired	Powder	Refilling	N150,000
41	FUEL DEPOT	Never Been Used	Not Applicable	Not Applicable	Not Applicable	
42	POWER SUPPLY (Main)	Good	Change Over Switch Inadequate	Change Over Switch	Replacement	N100,000
43	GENERATOR	Very Good	Not Applicable	Not Applicable	Not Applicable	
44	ACCESS ROADS	Very Good	Not Applicable	Not Applicable	Not Applicable	
45	INTERNAL ROADS NETWORK	Very Good	Not Applicable	Not Applicable	Not Applicable	
46	INTERNAL DRAINAGE NETWORK	Very Good	Not Applicable	Not Applicable	Not Applicable	
47A	WAREHOUSE 1	Very Good	Not Applicable	Not Applicable	Not Applicable	
47B	GARRI WAREHOUSE 2	Fair	Leakage	Roof Leakage	Repair	N50,000
48A	ADMINISTRATIVE BLOCK 1	Fair	Leakage- Electrical-Door-	Roof , Wire, Wooden Door	Repair & Replacement	N100,000
48B	ADMINISTRATIVE BLOCK 2	Very Good	Not Applicable	Not Applicable	Not Applicable	
49	WORKSHOP BLOCK	Very Good	Not Applicable	Not Applicable	Not Applicable	
50	UTILITY BLOCK	Very Good	Not Applicable	Not Applicable	Not Applicable	
51	SECURITY POST	Very Good	Not Applicable	Not Applicable	Not Applicable	
52	FENCE	Good	Damaged portion of fence	Concrete block	Reconstruction	N10,000
53	DUST HOUSE	None	Not Applicable	Not Applicable	Construction	
54	TRACTOR	Good	Servicing PTO	Servicing Tractor PTO	Repair	N100,000
55	SECURITY LIGHT	Fair	Halogen bulb & other fittings	20-500 watts	Replacement	N100,000
56	PROJECT VEHICLE	Not Available	Not Applicable	Not Applicable	Not Applicable	
57	MANAGER'S RESIDENCE	Not Available	Not Applicable	Not Applicable	Not Applicable	
58	TRUCK DRIVERS LODGE	Not Available	Not Applicable	Not Applicable	Not Applicable	
59	SECURITY STAFF LODGE	Not Available	Not Applicable	Not Applicable	Not Applicable	

Bauchi Silo Complex, Wailo						
SN	Equipment Description	Condition Grade	Faulty Component	Specification	Remedy Action	Cost of Replacement or Repairs
1	WEIGH BRIDGE	Installation On-going	Not Applicable	Not Applicable	Completion of Installation	
2	INTAKE PIT	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
3	CONTROL PANEL	Awaiting Installation	Not Applicable	Not Applicable	Not Applicable	
4	GRAIN CLEANER	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
5	ELEVATORS	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
6	GRAIN DRYER	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
7	DRAG (CHAIN) CONVEYOR	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
8	SILO BIN 1	Installation On-going	Not Applicable	Not Applicable	Installation	
9	SILO BIN 2	Installation On-going	Not Applicable	Not Applicable	Installation	
10	SILO BIN 3	Installation On-going	Not Applicable	Not Applicable	Installation	
11	SILO BIN 4	Installation On-going	Not Applicable	Not Applicable	Installation	
12	SILO BIN 5	Installation On-going	Not Applicable	Not Applicable	Installation	
13	SILO BIN 6	Installation On-going	Not Applicable	Not Applicable	Installation	
14	SILO BIN 7	Installation On-going	Not Applicable	Not Applicable	Installation	
15	SILO BIN 8	Installation On-going	Not Applicable	Not Applicable	Installation	
16	SILO BIN 9	Installation On-going	Not Applicable	Not Applicable	Installation	
17	SILO BIN 10	Installation On-going	Not Applicable	Not Applicable	Installation	
18	SILO BIN 11	None				
19	SILO BIN 12	None				
20	SILO BIN 13	None				
21	SILO BIN 14	None				
22	SILO BIN 15	None				
23	SILO BIN 16	None				
24	SILO BIN 17	None				
25	SILO BIN 18	None				
26	SILO BIN 19	None				
27	SILO BIN 20	None				
28	HOSPITAL BIN 1	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
29	HOSPITAL BIN 2	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
30	TEMPERING BIN 1	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
31	TEMPERING BIN 2	Newly Installed	Not Applicable	Not Applicable	Not Applicable	

Bauchi Silo Complex, Wailo						
SN	Equipment Description	Condition Grade	Faulty Component	Specification	Remedy Action	Cost of Replacement or Repairs
32	BULK LOADING BIN	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
33	BAGGING PLANT	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
34	MOBILE CONVEYOR	Awaiting Installation	Not Applicable	Not Applicable	Installation	
35	WORKSHOP Tools	Not Available	Not Applicable	Not Applicable	Provision	
36	LABORATORY Tools	Not Available	Not Applicable	Not Applicable	Provision	
37	BOREHOLE	Newly Construct	Site Not Connected To Public Water Mains	Connection to Public Water Mains	Connection to public water supply	
38	WATER TREATMENT PLANT	None	Not Applicable	Not Applicable	Installation	
39	WATER HYDRANT	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
40	FIRE EXTINGUISHER	None	Not Applicable	Not Applicable	Provision	
41	FUEL DEPOT	Not yet constructed	Not Applicable	Not Applicable	Not Applicable	
42	POWER SUPPLY	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
43	GENERATOR	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
44	ACCESS ROADS	Awaiting Construction	Not Applicable	Not Applicable	Construction	
45	INTERNAL ROADS NETWORK	Very Good	Not Applicable	Not Applicable	Not Applicable	
46	INTERNAL DRAINAGE NETWORK	Very Good	Not Applicable	Not Applicable	Not Applicable	
47	WAREHOUSE	Very Good	Not Applicable	Not Applicable	Not Applicable	
48	ADMINISTRATIVE BLOCK	Very Good	Not Applicable	Not Applicable	Not Applicable	
49	WORKSHOP BLOCK	Very Good	Not Applicable	Not Applicable	Not Applicable	
50	UTILITY BLOCK	Very Good	Not Applicable	Not Applicable	Not Applicable	
51	SECURITY POST	Very Good	Not Applicable	Not Applicable	Not Applicable	
52	FENCE	Very Good	Not Applicable	Not Applicable	Not Applicable	
53	DUST HOUSE	None	Not Applicable	Dust House	Provision	
54	TRACTOR	Not Available	Not Applicable	Not Applicable	Not Applicable	
55	SECURITY LIGHT	Awaiting Installation	Not Applicable	Not Applicable	Installation	
56	PROJECT VEHICLE	Not Available	Not Applicable	Not Applicable	Not Applicable	
57	MANAGER'S RESIDENCE	Not Available	Not Applicable	Not Applicable	Not Applicable	
58	TRUCK DRIVERS LODGE	Very Good	Not Applicable	Not Applicable	Not Applicable	
59	SECURITY STAFF LODGE	Very Good	Not Applicable	Not Applicable	Not Applicable	

Bulasa Silo Complex, Kebbi State						
SN	Equipment Description	Condition Grade	Faulty Component	Specification	Remedy Action	Cost of Replacement or Repairs
1	WEIGH BRIDGE	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
2	INTAKE PIT	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
3	CONTROL PANEL	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
4	GRAIN CLEANER	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
5	ELEVATORS	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
6	GRAIN DRYER	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
7	DRAG (CHAIN) CONVEYOR	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
8	SILO BIN 1	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
9	SILO BIN 2	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
10	SILO BIN 3	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
11	SILO BIN 4	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
12	SILO BIN 5	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
13	SILO BIN 6	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
14	SILO BIN 7	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
15	SILO BIN 8	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
16	SILO BIN 9	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
17	SILO BIN 10	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
18	SILO BIN 11	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
19	SILO BIN 12	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
20	SILO BIN 13	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
21	SILO BIN 14	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
22	SILO BIN 15	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
23	SILO BIN 16	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
24	SILO BIN 17	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
25	SILO BIN 18	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
26	SILO BIN 19	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
27	SILO BIN 20	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
28	HOSPITAL BIN 1	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
29	HOSPITAL BIN 2	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
30	TEMPERING BIN 1	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
31	TEMPERING BIN 2	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
32	BULK LOADING BIN	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
33	BAGGING PLANT	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
34	MOBILE CONVEYOR	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
35	WORKSHOP TOOLS	Not Available	Not Applicable	Complete Set of Mechanical	Provision	
36	LABORATORY Tools	Not Available	Not Applicable	Complete Basic Laboratory Tools	Provision	

Bulasa Silo Complex, Kebbi State						
SN	Equipment Description	Condition Grade	Faulty Component	Specification	Remedy Action	Cost of Replacement or Repairs
37	BOREHOLE	Newly Constructed	Not Applicable	Not Applicable	Not Applicable	
38	WATER TREATMENT PLANT	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
39	WATER HYDRANT	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
40	FIRE EXTINGUISHER	Not Available	Not Applicable	Not Applicable	Provision	
41	FUEL DEPOT	Not Available	Not Applicable	Not Applicable	Not Applicable	
42	POWER SUPPLY (Main)	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
43	GENERATOR	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
44	ACCESS ROADS	Very Good	Not Applicable	Not Applicable	Not Applicable	
45	INTERNAL ROADS NETWORK	Very Good	Not Applicable	Not Applicable	Not Applicable	
46	INTERNAL DRAINAGE NETWORK	Very Good	Not Applicable	Not Applicable	Not Applicable	
47	WAREHOUSE	Good	Roof leakage	Roof Leakage	Repair	
48	ADMINISTRATIVE BLOCK	Very Good	Not Applicable	Not Applicable	Not Applicable	
49	WORKSHOP BLOCK	Very Good	Not Applicable	Not Applicable	Not Applicable	
50	UTILITY BLOCK	Very Good	Not Applicable	Not Applicable	Not Applicable	
51	SECURITY POST	Not Available	Not Applicable	Not Applicable	Construction	
52	FENCE	Very Good	Not Applicable	Not Applicable	Not Applicable	
53	DUST HOUSE	None	Not Applicable	Dust house	Construction	
54	TRACTOR	Not Available	Not Applicable	Not Applicable	Not Applicable	
55	SECURITY LIGHT	Very Good	Not Applicable	Not Applicable	Not Applicable	
56	PROJECT VEHICLE	Not Available	Not Applicable	Not Applicable	Not Applicable	
57	MANAGER'S RESIDENCE	Good	Roof leakage	Roof Leakage	Repair	
58	TRUCK DRIVERS LODGE	Very Good	Not Applicable	Not Applicable	Not Applicable	
59	SECURITY STAFF LODGE	Very Good	Not Applicable	Not Applicable	Not Applicable	

Dustin-ma Silo Complex, Katsina State						
SN	Equipment Description	Condition Grade	Faulty Component	Specification	Remedy Action	Cost of Replacement or Repairs
1	WEIGH BRIDGE	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
2	INTAKE PIT	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
3	CONTROL PANEL	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
4	GRAIN CLEANER	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
5	ELEVATORS	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
6	GRAIN DRYER	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
7	DRAW (CHAIN) CONVEYOR	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
8	SILO BIN 1	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
9	SILO BIN 2	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
10	SILO BIN 3	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
11	SILO BIN 4	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
12	SILO BIN 5	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
13	SILO BIN 6	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
14	SILO BIN 7	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
15	SILO BIN 8	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
16	SILO BIN 9	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
17	SILO BIN 10	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
18	SILO BIN 11	None				
19	SILO BIN 12	None				
20	SILO BIN 13	None				
21	SILO BIN 14	None				
22	SILO BIN 15	None				
23	SILO BIN 16	None				
24	SILO BIN 17	None				
25	SILO BIN 18	None				
26	SILO BIN 19	None				
27	SILO BIN 20	None				
28	HOSPITAL BIN 1	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
29	HOSPITAL BIN 2	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
30	TEMPERING BIN 1	Newly Installed	Not Applicable	Not Applicable	Not Applicable	

Dustin-ma Silo Complex, Katsina State						
SN	Equipment Description	Condition Grade	Faulty Component	Specification	Remedy Action	Cost of Replacement or Repairs
31	TEMPERING BIN 2	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
32	BULK LOADING BIN	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
33	BAGGING PLANT	Awaiting Installation	No Industrial Sewing Machine	Industrial Sewing Machine	Installation	
34	MOBILE CONVEYOR	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
35	WORKSHOP TOOLS	None	Not Applicable	Complete Set of Mechanical & Electrical WORKSHOP Tools	Provision	
36	LABORATORY Tools	None	Not Applicable	Complete Basic Laboratory Tools	Provision	
37	BOREHOLE	Newly Constructed	Not Applicable	Not Applicable	Not Applicable	
38	WATER TREATMENT PLANT	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
39	WATER HYDRANT	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
40	FIRE EXTINGUISHER	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
41	FUEL DEPOT	Not Available	Not Applicable	Not Applicable	Not Applicable	
42	POWER SUPPLY (Main)	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
43	GENERATOR	Good	1 Bad Gen Set	380KVA	Repair	
44	ACCESS ROADS	Very Good	Not Applicable	Not Applicable	Not Applicable	
45	INTERNAL ROADS NETWORK	Very Good	Not Applicable	Not Applicable	Not Applicable	
46	INTERNAL DRAINAGE NETWORK	Very Good	Not Applicable	Not Applicable	Not Applicable	
47	WAREHOUSE	Very Good	Not Applicable	Not Applicable	Not Applicable	
48	ADMINISTRATIVE BLOCK	Very Good	Not Applicable	Not Applicable	Not Applicable	
49	WORKSHOP BLOCK	Very Good	Not Applicable	Not Applicable	Not Applicable	
50	UTILITY BLOCK	Very Good	Not Applicable	Not Applicable	Not Applicable	
51	SECURITY POST	Very Good	Not Applicable	Not Applicable	Not Applicable	
52	FENCE	Very Good	Not Applicable	Not Applicable	Not Applicable	
53	DUST HOUSE	None	Not Applicable	Not Applicable	Construction	
54	TRACTOR	Not Available	Not Applicable	Not Applicable	Not Applicable	
55	SECURITY LIGHT	Very Good	Not Applicable	Not Applicable	Not Applicable	
56	PROJECT VEHICLE	Not Available	Not Applicable	Not Applicable	Not Applicable	
57	MANAGER'S RESIDENCE					
58	TRUCK DRIVERS LODGE	Very Good	Not Applicable	Not Applicable	Not Applicable	
59	SECURITY STAFF LODGE	Very Good	Not Applicable	Not Applicable	Not Applicable	

Ezillo Silo Complex, Ebonyi State						
SN	Equipment Description	Condition Grade	Faulty Component	Specification	Remedy Action	Cost of Replacement or Repairs
1	WEIGH BRIDGE	Never Been Used	Not Applicable	Not Applicable	Not Applicable	
2	INTAKE PIT	Never Been Used	Not Applicable	Not Applicable	Not Applicable	
3	CONTROL PANEL	Never Been Used	Not Applicable	Not Applicable	Not Applicable	
4	GRAIN CLEANER	Never Been Used	Not Applicable	Not Applicable	Not Applicable	
5	ELEVATORS	Never Been Used	Not Applicable	Not Applicable	Not Applicable	
6	GRAIN DRYER	Never Been Used	Not Applicable	Not Applicable	Not Applicable	
7	DRAG (CHAIN) CONVEYOR	Never Been Used	Not Applicable	Not Applicable	Not Applicable	
8	SILO BIN 1	Very Good	Not Applicable	Not Applicable	Not Applicable	
9	SILO BIN 2	Very Good	Not Applicable	Not Applicable	Not Applicable	
10	SILO BIN 3	Very Good	Not Applicable	Not Applicable	Not Applicable	
11	SILO BIN 4	Very Good	Not Applicable	Not Applicable	Not Applicable	
12	SILO BIN 5	Very Good	Not Applicable	Not Applicable	Not Applicable	
13	SILO BIN 6	Very Good	Aeration Fan	Aeration Fan	Provide one additional Fan	N850,000.00
14	SILO BIN 7	Very Good	Aeration Fan	Aeration Fan	Provide one additional Fan	N850,000.00
15	SILO BIN 8	Very Good	Aeration Fan	Aeration Fan	Provide one additional Fan	N850,000.00
16	SILO BIN 9	Very Good	Aeration Fan	Aeration Fan	Provide one additional Fan	N850,000.00
17	SILO BIN 10	Very Good	Aeration Fan	Aeration Fan	Provide one additional Fan	N850,000.00
18	SILO BIN 11	None				
19	SILO BIN 12	None				
20	SILO BIN 13	None				
21	SILO BIN 14	None				
22	SILO BIN 15	None				
23	SILO BIN 16	None				
24	SILO BIN 17	None				
25	SILO BIN 18	None				
26	SILO BIN 19	None				
27	SILO BIN 20	None				
28	HOSPITAL BIN 1	Very Good	Not Applicable	Not Applicable	Not Applicable	
29	HOSPITAL BIN 2	Very Good	Not Applicable	Not Applicable	Not Applicable	
30	TEMPERING BIN 1	Very Good	Not Applicable	Not Applicable	Not Applicable	

Ezillo Silo Complex, Ebonyi State						
SN	Equipment Description	Condition Grade	Faulty Component	Specification	Remedy Action	Cost of Replacement or Repairs
31	TEMPERING BIN 2	Very Good	Not Applicable	Not Applicable	Not Applicable	
32	BULK LOADING BIN	Not Available	Not Applicable	200MT capacity Bulk Loader	Provision	N2,720,000
33	BAGGING PLANT	Never Been Used	Not Applicable	Not Applicable	Not Applicable	
34	MOBILE CONVEYOR	Never Been Used	Not Applicable	Not Applicable	Not Applicable	
35	WORKSHOP TOOLS	Not Available	Not Applicable	Complete mechanical & Electrical WORKSHOP Tools	Provision	N1,000,000
36	LABORATORY TOOLS	Not Available	Not Applicable	Complete Basic Laboratory Tools	Provision	N1,000,000
37A	WATER SUPPLY	Good	PVC Pipes	20m Length Of 1 1/2" PVC Pipes	Connection of pipes	N100,000
37B	BOREHOLE	Never been use	Borehole has no accessory	Reactivation Of Borehole	Provision Of Borehole Accessory	N250,000
38	WATER TREATMENT PLANT	Not Available	Not Applicable	Not Applicable	Installation	
39	WATER HYDRANT	Never Been Used	Not Applicable	Not Applicable	Not Applicable	
40	FIRE EXTINGUISHER	Fair	Expired	9kg, 5kg Of 3 Nos. Each Powder Type	Refilling	N150,000
41	FUEL DEPOT	Never been use	Not Applicable	Not Applicable	Not Applicable	
42	POWER SUPPLY (Main)	Good	Transformer	500kva Transformer	Adjustment Required	N120,000
43	GENERATOR	Good (2Nos.)	AVR, Alternator	1 No. 350kVA	Repair	N300,000
44	ACCESS ROADS	Very Good	Not Applicable	Not Applicable	Not Applicable	
45	INTERNAL ROADS NETWORK	Very Good	Not Applicable	Not Applicable	Not Applicable	
46	INTERNAL DRAINAGE NETWORK	Very Good	Not Applicable	Not Applicable	Not Applicable	
47	WAREHOUSE	Very Good	Not Applicable	Not Applicable	Not Applicable	
48	ADMINISTRATIVE BLOCK	Very Good	Not Applicable	Not Applicable	Not Applicable	
49	WORKSHOP BLOCK	Very Good	Not Applicable	Not Applicable	Not Applicable	
50	UTILITY BLOCK	Very Good	Not Applicable	Not Applicable	Not Applicable	
51	SECURITY POST	Very Good	Not Applicable	Not Applicable	Not Applicable	
52	FENCE	Very Good	Not Applicable	Not Applicable	Not Applicable	
53	DUST HOUSE	None	Not Applicable	Not Applicable	Construction	N3.5M
54	TRACTOR	Not Available	Not Applicable	Not Applicable	Not Applicable	
55	SECURITY LIGHT	Good	Bulbs	20w-500w	Replacement	N50,000
56	PROJECT VEHICLE	Not Available	Not Applicable	Not Applicable	Not Applicable	
57	MANAGER'S RESIDENCE	Not Available	Not Applicable	Not Applicable	Not Applicable	
58	TRUCK DRIVERS LODGE	Not Available	Not Applicable	Not Applicable	Not Applicable	
59	SECURITY STAFF LODGE	Not Available	Not Applicable	Not Applicable	Not Applicable	

Gaya Silo Complex, Kano State						
SN	Equipment Description	Condition Grade	Faulty Component	Specification	Remedy Action	Cost of Replacement or Repairs
1	WEIGH BRIDGE	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
2	INTAKE PIT	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
3	CONTROL PANEL	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
4	GRAIN CLEANER	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
5	ELEVATORS	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
6	GRAIN DRYER	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
7	DRAG (CHAIN) CONVEYOR	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
8	SILO BIN 1	Newly Installed	No Internal Ladder	Internal Ladder	Provision	
9	SILO BIN 2	Newly Installed	No Internal Ladder	Internal Ladder	Provision	
10	SILO BIN 3	Newly Installed	No Internal Ladder	Internal Ladder	Provision	
11	SILO BIN 4	Newly Installed	No Internal Ladder	Internal Ladder	Provision	
12	SILO BIN 5	Newly Installed	No Internal Ladder	Internal Ladder	Provision	
13	SILO BIN 6	Newly Installed	No Internal Ladder	Internal Ladder	Provision	
14	SILO BIN 7	Newly Installed	No Internal Ladder	Internal Ladder	Provision	
15	SILO BIN 8	Newly Installed	No Internal Ladder	Internal Ladder	Provision	
16	SILO BIN 9	Newly Installed	No Internal Ladder	Internal Ladder	Provision	
17	SILO BIN 10	Newly Installed	No Internal Ladder	Internal Ladder	Provision	
18	SILO BIN 11	None				
19	SILO BIN 12	None				
20	SILO BIN 13	None				
21	SILO BIN 14	None				
22	SILO BIN 15	None				
23	SILO BIN 16	None				
24	SILO BIN 17	None				
25	SILO BIN 18	None				
26	SILO BIN 19	None				
27	SILO BIN 20	None				
28	HOSPITAL BIN 1	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
29	HOSPITAL BIN 2	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
30	TEMPERING BIN 1	Newly Installed	Not Applicable	Not Applicable	Not Applicable	

Gaya Silo Complex, Kano State						
SN	Equipment Description	Condition Grade	Faulty Component	Specification	Remedy Action	Cost of Replacement or Repairs
31	TEMPERING BIN 2	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
32	BULK LOADING BIN	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
33	BAGGING PLANT	Awaiting Installation	Not Applicable	Not Applicable	Installation	
34	MOBILE CONVEYOR	Awaiting Installation	Not Applicable	Not Applicable	Installation	
35	WORKSHOP TOOLS	None	Not Applicable	Not Applicable	Provision	
36	LABORATORY TOOLS	None	Not Applicable	Not Applicable	Provision	
37	BOREHOLE	Newly constructed	Not Applicable	Not Applicable	Not Applicable	
38	WATER TREATMENT PLANT	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
39	WATER HYDRANT	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
40	FIRE EXTINGUISHER	None	Not Applicable	Not Applicable	Provision	
41	FUEL DEPOT	Not Available	Not Applicable	Not Applicable	Not Applicable	
42	POWER SUPPLY (Main)	Very Good	Not Applicable	Not Applicable	Not Applicable	
43	GENERATOR	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
44	ACCESS ROADS	Very Good	Not Applicable	Not Applicable	Not Applicable	
45	INTERNAL ROADS NETWORK	Very Good	Not Applicable	Not Applicable	Not Applicable	
46	INTERNAL DRAINAGE NETWORK	Very Good	Not Applicable	Not Applicable	Not Applicable	
47	WAREHOUSE	Very Good	Not Applicable	Not Applicable	Not Applicable	
48	ADMINISTRATIVE BLOCK	Very Good	Not Applicable	Not Applicable	Not Applicable	
49	WORKSHOP BLOCK	Very Good	Not Applicable	Not Applicable	Not Applicable	
50	UTILITY BLOCK	Very Good	Not Applicable	Not Applicable	Not Applicable	
51	SECURITY POST	None	Not Applicable	Not Applicable	Construction	
52	FENCE	Very Good	Not Applicable	Not Applicable	Not Applicable	
53	DUST HOUSE	None	Not Applicable	Not Applicable	Construction	
54	TRACTOR	Not Available	Not Applicable	Not Applicable	Not Applicable	
55	SECURITY LIGHT	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
56	PROJECT VEHICLE	Not Available	Not Applicable	Not Applicable	Not Applicable	
57	MANAGER'S RESIDENCE	Not Available	Not Applicable	Not Applicable	Not Applicable	
58	TRUCK DRIVERS LODGE	Very Good	Not Applicable	Not Applicable	Not Applicable	
59	SECURITY STAFF LODGE	Very Good	Not Applicable	Not Applicable	Not Applicable	

Gombe Silo Complex, Gombe State						
SN	Equipment Description	Condition Grade	Faulty Component	Specification	Remedy Action	Cost of Replacement or Repairs
1	WEIGH BRIDGE	Fair	Knuckle Stand	Analogue Weighbridge knuckle Stand	Rehabilitation	N100,000
2	INTAKE PIT	Good	Electric Motor	4KW, 1445rpm	Replacement	N50,000
3	CONTROL PANEL	Fair	Entire Circuit	Wires, Contactors, Relays, Fuses	Replacement	N200,000
4	GRAIN CLEANER	Very Good	Not Applicable	Not Applicable	Not Applicable	
5	ELEVATORS	Good	Elevator booth, Flange & Pit.	Leakages, Corrosion & Seepage	Rehabilitation	N200,000
6	GRAIN DRYER	Never Used	Not Applicable	Not Applicable	Not Applicable	
7	DRAW (CHAIN) CONVEYOR	Good	Drag Chain	50MT/Hr.	Lubrication & Alignment	N60,000
8	SILO BIN 1	Good	Temperature Probe & Aeration Fan	Temperature Probe	Replacement of Temp. Probe & provision of Aeration Fan	N600,000
9	SILO BIN 2	Good	Aeration Fan & Temperature Probe	Aeration Fan & Temp Probe	Replacement of Aeration Fan & Temp Probe	N1.0m
10	SILO BIN 3	Good	Temperature Probe	Temperature Probe	Replacement of Temp. Probe	N600,000
11	SILO BIN 4	Good	Temperature Probe	Temperature Probe	Replacement of Temp. Probe	N600,000
12	SILO BIN 5	Good	Temperature Probe	Temperature Probe	Replacement of Temp. Probe	N600,000
13	SILO BIN 6	Good	Aeration Fan, Temperature Probe, Sweep Auger & Discharge Auger	Aeration Fan, Temperature Probe, Sweep Auger & Discharge Auger	Maintenance of Aeration Fan, Temp. Probe, Sweep Auger & Discharge Auger	N1.0m
14	SILO BIN 7	Good	Temperature Probe, Sweep Auger & Discharge Auger	Temperature Probe, Sweep Auger & Discharge Auger	Maintenance of Temperature Probe, Sweep Auger & Discharge Auger	N1.0m
15	SILO BIN 8	Good	Aeration Fan & Temperature Probe, Sweep Auger & Discharge Auger	Aeration Fan, Temperature Probe, Sweep Auger & Discharge Auger	Maintenance of Aeration Fan, Temp. Probe, Sweep Auger & Discharge Auger	N1.0m
16	SILO BIN 9	Good	Temperature Probe, Sweep Auger & Discharge Auger	Temperature Probe, Sweep Auger & Discharge Auger	Maintenance of Temp Probe, Sweep Auger & Discharge Auger	N1.0m
17	SILO BIN 10	Good	Temperature Probe, Sweep Auger & Discharge Auger	Temperature Probe, Sweep Auger & Discharge Auger	Maintenance of Temp Probe, Sweep Auger & Discharge Auger	N1.0m
18	SILO BIN 11	None				
19	SILO BIN 12	None				
20	SILO BIN 13	None				
21	SILO BIN 14	None				
22	SILO BIN 15	None				
23	SILO BIN 16	None				
24	SILO BIN 17	None				
25	SILO BIN 18	None				
26	SILO BIN 19	None				

Gombe Silo Complex, Gombe State						
SN	Equipment Description	Condition Grade	Faulty Component	Specification	Remedy Action	Cost of Replacement or Repairs
27	SILO BIN 20	None				
28	HOSPITAL BIN 1	Very Good	Not Applicable	Not Applicable	Not Applicable	
29	HOSPITAL BIN 2	Very Good	Not Applicable	Not Applicable	Not Applicable	
30	TEMPERING BIN 1	Very Good	Not Applicable	Not Applicable	Not Applicable	
31	TEMPERING BIN 2	Very Good	Not Applicable	Not Applicable	Not Applicable	
32	BULK LOADING BIN	Good	Gate Component	Leakage & Corrosion of the Gate	Rehabilitation	N30,000
33	BAGGING PLANT	Good (1No)	Bagging Head for the 2 nd plant	50 MT/Hr Pneumatic Bagging Head	Rehabilitation	N70,000
34	MOBILE CONVEYOR	Good	In-Complete Tool Box	Complete tool box	Provision	N200,000
35	WORKSHOP Tools	Fair	Stitching Component Worn-out	50 MT/Hr Industrial Stitching Machine	Replacement	N500,000
36	LABORATORY Tools	Very Good	Not Applicable	Not Applicable	Not Applicable	
37	WATER SUPPLY	Very Poor	No functioning Borehole, Disconnected from Public Water, None Payment of Water bills and Water Tanker Tyres	Not Applicable	Replacement of Water Tanker Tyres and Making Payment to Public Water Agency. Rehabilitation of Borehole	N3.0m
38	WATER TREATMENT PLANT	None	Not Applicable	Not Applicable	Installation	
39	WATER HYDRANT	Never used	Not Applicable	Not Applicable	Not Applicable	
40	FIRE EXTINGUISHER	Poor	Expired	3kg, 5kg, 10kg, 20kg	Refilling and Servicing	N150,000
41	FUEL DEPOT	Never Used	Not Applicable	Not Applicable	Not Applicable	
42	POWER SUPPLY (Main)	Very Good	Not Applicable	Not Applicable	Not Applicable	
43	GENERATOR	Good (3Nos)	One Generator	350kva Generator	Rehabilitation	N100,000
44	ACCESS ROADS	Very Good	Not Applicable	Not Applicable	Not Applicable	
45	INTERNAL ROADS NETWORK	Very Good	Not Applicable	Not Applicable	Not Applicable	
46	INTERNAL DRAINAGE NETWORK	Good	Drainage Collapse, Failure	200 Metres	Rehabilitation	N200,000
47	WAREHOUSE	Good	Roofing Sheets, Elect. Fittings	Tiny Leakages, Elect. Fittings	Rehabilitation	N100,000
48	ADMINISTRATIVE BLOCK	Good	Roofing Sheets, Elect. Fittings, & tables	Leakages, Elect. Fittings	Rehabilitation	N100,000
49	WORKSHOP BLOCK	Good	Roofing Sheets, Elect. Fittings	Leakages, Elect. Fittings	Rehabilitation	N100,000
50	UTILITY BLOCK	Good	Roofing Sheets, Elect. Fittings	Pronounced Leakages, Elect. Fittings	Rehabilitation	N100,000
51	SECURITY POST	Very Good	Not Applicable	Not Applicable	Not Applicable	
52	FENCE	Very Good	Not Applicable	Not Applicable	Not Applicable	
53	DUST HOUSE	None	Not Applicable	Not Applicable	Provision	N3.5m
54	TRACTOR	Good	Tyres, Alternator & Battery	MF (375)	Repair, Replacement of Tyres	N200,000
55	SECURITY LIGHT	Fair	Electrical Fittings & Cable	(20-500Watts) Industrial	Replacement	N50,000
56	PROJECT VEHICLE	Not Available	Not Applicable	Not Applicable	Not Applicable	
57	MANAGER'S RESIDENCE	Not Available	Not Applicable	Not Applicable	Not Applicable	
58	TRUCK DRIVERS LODGE	Not Available	Not Applicable	Not Applicable	Not Applicable	
59	SECURITY STAFF LODGE	Not Available	Not Applicable	Not Applicable	Not Applicable	

Gusau Silo Complex, Zamfara State						
SN	Equipment Description	Condition Grade	Faulty Component	Specification	Remedy Action	Cost of Replacement or Repairs
1	WEIGH BRIDGE	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
2	INTAKE PIT	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
3	CONTROL PANEL	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
4	GRAIN CLEANER	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
5	ELEVATORS	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
6	GRAIN DRYER	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
7	DRAG (CHAIN) CONVEYOR	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
8	SILO BIN 1	Newly Installed	No Internal Ladder	Internal Ladder	Installation of Internal Ladder	
9	SILO BIN 2	Newly Installed	No Internal Ladder	Internal Ladder	Installation of Internal Ladder	
10	SILO BIN 3	Newly Installed	No Internal Ladder	Internal Ladder	Installation of Internal Ladder	
11	SILO BIN 4	Newly Installed	No Internal Ladder	Internal Ladder	Installation of Internal Ladder	
12	SILO BIN 5	Newly Installed	No Internal Ladder	Internal Ladder	Installation of Internal Ladder	
13	SILO BIN 6	Newly Installed	No Internal Ladder	Internal Ladder	Installation of Internal Ladder	
14	SILO BIN 7	Newly Installed	No Internal Ladder	Internal Ladder	Installation of Internal Ladder	
15	SILO BIN 8	Newly Installed	No Internal Ladder	Internal Ladder	Installation of Internal Ladder	
16	SILO BIN 9	Newly Installed	No Internal Ladder	Internal Ladder	Installation of Internal Ladder	
17	SILO BIN 10	Newly Installed	No Internal Ladder	Internal Ladder	Installation of Internal Ladder	
18	SILO BIN 11	Newly Installed	No Internal Ladder	Internal Ladder	Installation of Internal Ladder	
19	SILO BIN 12	Newly Installed	No Internal Ladder	Internal Ladder	Installation of Internal Ladder	
20	SILO BIN 13	Newly Installed	No Internal Ladder	Internal Ladder	Installation of Internal Ladder	
21	SILO BIN 14	Newly Installed	No Internal Ladder	Internal Ladder	Installation of Internal Ladder	
22	SILO BIN 15	Newly Installed	No Internal Ladder	Internal Ladder	Installation of Internal Ladder	
23	SILO BIN 16	Newly Installed	No Internal Ladder	Internal Ladder	Installation of Internal Ladder	

Gusau Silo Complex, Zamfara State						
SN	Equipment Description	Condition Grade	Faulty Component	Specification	Remedy Action	Cost of Replacement or Repairs
24	SILO BIN 17	Newly Installed	No Internal Ladder	Internal Ladder	Installation of Internal Ladder	
25	SILO BIN 18	Newly Installed	No Internal Ladder	Internal Ladder	Installation of Internal Ladder	
26	SILO BIN 19	Newly Installed	No Internal Ladder	Internal Ladder	Installation of Internal Ladder	
27	SILO BIN 20	Newly Installed	No Internal Ladder	Internal Ladder	Installation of Internal Ladder	
28	HOSPITAL BIN 1	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
29	HOSPITAL BIN 2	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
30	TEMPERING BIN 1	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
31	TEMPERING BIN 2	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
32	BULK LOADING BIN	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
33	BAGGING PLANT	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
34	MOBILE CONVEYOR	Awaiting Installation	Not Applicable	Not Applicable	Not Applicable	
35	WORKSHOP TOOLS	None	Incomplete	Complete Set of Mechanical & Electrical WORKSHOP Tools	Provision	
36	LABORATORY TOOLS	None	Incomplete	Complete Set of Basic Laboratory Tools	Provision	
37	BOREHOLE	New	Not Applicable	Not Applicable	Not Applicable	
38	WATER TREATMENT PLANT	Installation On-going	Incomplete	Not Applicable	Provision	
39	WATER HYDRANT	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
40	FIRE EXTINGUISHER	Awaiting Installation	Incomplete	Not Applicable	Provision	
41	FUEL DEPOT	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
42	POWER SUPPLY (Main)	Awaiting Installation	Not Applicable	Not Applicable	Not Applicable	
43	GENERATOR	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
44	ACCESS ROADS	Awaiting	Incomplete	Not Applicable	Construction	
45	INTERNAL ROADS NETWORK	Very Good	Not Applicable	Not Applicable	Not Applicable	
46	INTERNAL DRAINAGE NETWORK	Very Good	Not Applicable	Not Applicable	Not Applicable	
47	WAREHOUSE	Very Good	Not Applicable	Not Applicable	Not Applicable	
48	ADMINISTRATIVE BLOCK	Very Good	Not Applicable	Not Applicable	Not Applicable	
49	WORKSHOP BLOCK	Very Good	Not Applicable	Not Applicable	Not Applicable	
50	UTILITY BLOCK	Very Good	Not Applicable	Not Applicable	Not Applicable	
51	SECURITY POST	None	Incomplete	Not Applicable	Installation	
52	FENCE	Very Good	Not Applicable	Not Applicable	Not Applicable	
53	DUST HOUSE	None	Incomplete	Not Applicable	Provision	
54	TRACTOR	Not Available	Not Applicable	Not Applicable	Not Applicable	
55	SECURITY LIGHT	Very Good	Not Applicable	Not Applicable	Not Applicable	
56	PROJECT VEHICLE	Not Available	Not Applicable	Not Applicable	Not Applicable	
57	MANAGER'S RESIDENCE	Very Good	Not Applicable	Not Applicable	Not Applicable	
58	TRUCK DRIVERS LODGE	Very Good	Not Applicable	Not Applicable	Not Applicable	
59	SECURITY STAFF LODGE	Very Good	Not Applicable	Not Applicable	Not Applicable	

Ibadan Silo Complex, Oyo State						
SN	Equipment Description	Condition Grade	Faulty Component	Specification	Remedy Action	Cost of Replacement or Repairs
1	WEIGH BRIDGE	Very Good	Not Applicable	Not Applicable	Not Applicable	
2	INTAKE PIT	Very Good	Not Applicable	Not Applicable	Not Applicable	
3	CONTROL PANEL	Very Good	Not Applicable	Not Applicable	Not Applicable	
4	GRAIN CLEANER	Very Good	Not Applicable	Not Applicable	Not Applicable	
5	ELEVATORS	Good	Elevator's boots	Leakage	Welding	N25,000
6	GRAIN DRYER	Never Been Used	Not Applicable	Not Applicable	Not Applicable	
7	DRAG (CHAIN) CONVEYOR	Very Good	Not Applicable	Not Applicable	Not Applicable	
8	SILO BIN 1	Good	Temperature Probe, Sweep Auger and Inner bin ladder	Thermocouple Sensor, Screw Auger and Inner ladder.	Repairs and Replacement	N800,000
9	SILO BIN 2	Good	Temperature Probe, Sweep Auger and Inner bin ladder	Thermocouple Sensor, Screw Auger and Inner ladder.	Repairs and Replacement	N800,000
10	SILO BIN 3	Good	Temperature Probe, Sweep Auger and Inner bin ladder	Thermocouple Sensor, Screw Auger and Inner ladder.	Repairs and Replacement	N800,000
11	SILO BIN 4	Good	Temperature Probe, Sweep Auger and Inner bin ladder	Thermocouple Sensor, Screw Auger and Inner ladder.	Repairs and Replacement	N800,000
12	SILO BIN 5	Good	Temperature Probe, Sweep Auger and Inner bin ladder	Thermocouple Sensor, Screw Auger and Inner ladder.	Repairs and Replacement	N800,000
13	SILO BIN 6	Good	Temperature Probe, Sweep Auger and Inner bin ladder	Thermocouple Sensor, Screw Auger, Inner ladder.	Repairs and Replacement	N800,000
14	SILO BIN 7	Good	Temperature Probe, Sweep Auger and Inner bin ladder	Thermocouple Sensor, Screw Auger and Inner ladder.	Repairs and Replacement	N800,000
15	SILO BIN 8	Good	Temperature Probe, Sweep Auger and Inner bin ladder	Thermocouple Sensor, Screw Auger and Inner ladder.	Repairs and Replacement	N800,000
16	SILO BIN 9	Good	Temperature Probe, Sweep Auger and Inner bin ladder	Thermocouple Sensor, Screw Auger and Inner ladder.	Repairs and Replacement	N800,000
17	SILO BIN 10	Good	Temperature Probe, Sweep Auger and Inner bin ladder	Thermocouple Sensor, Screw Auger and Inner ladder.	Repairs and Replacement	N800,000
18	SILO BIN 11	None				
19	SILO BIN 12	None				
20	SILO BIN 13	None				
21	SILO BIN 14	None				
22	SILO BIN 15	None				

Ibadan Silo Complex, Oyo State						
SN	Equipment Description	Condition Grade	Faulty Component	Specification	Remedy Action	Cost of Replacement or Repairs
23	SILO BIN 16	None				
24	SILO BIN 17	None				
25	SILO BIN 18	None				
26	SILO BIN 19	None				
27	SILO BIN 20	None				
28	HOSPITAL BIN 1	Good	Aeration Fan	Axial Fan	Replacement	N850,000
29	HOSPITAL BIN 2	Good	Aeration Fan	Axial Fan	Replacement	N850,000
30	TEMPERING BIN 1	Very Good	Not Applicable	Not Applicable	Not Applicable	
31	TEMPERING BIN 2	Very Good	Not Applicable	Not Applicable	Not Applicable	
32	BULK LOADING BIN	Very Good	Not Applicable	Not Applicable	Not Applicable	
33	BAGGING PLANT	Very Good	Not Applicable	Not Applicable	Not Applicable	
34	MOBILE CONVEYOR	Very Good	Not Applicable	Not Applicable	Not Applicable	
35	WORKSHOP TOOLS	Poor	Incomplete	Not available	Provision	N650,000
36	LABORATORY TOOLS	Poor	Incomplete	Not available	Replacement of Missing	N500,000
37	BOREHOLE	Good	Not Applicable	Not Applicable	Not Applicable	
38	WATER TREATMENT PLANT	Not Available	Not Applicable	Not Applicable	Installation	
39	WATER HYDRANT	Good	Insufficient water Hydrant points	Installation of 2Nos water hydrants	Provision for additional 3 points	N150,000
40	FIRE EXTINGUISHER	Poor	(only 3 on site)Expired	Powder Extinguisher (5kg-20kg)	Provision & Refilling	N250,000
41	FUEL DEPOT	Never Been Used	Not Applicable	Not Applicable	Not Applicable	
42	POWER SUPPLY (Main)	Very Good	Not Applicable	Not Applicable	Not Applicable	
43	GENERATOR	Very Good	Not Applicable	Not Applicable	Not Applicable	
44	ACCESS ROADS	Very Good	Not Applicable	Not Applicable	Not Applicable	
45	INTERNAL ROADS NETWORK	Fair	Dilapidated	Large pot holes	Rehabilitation	N200,000
46	INTERNAL DRAINAGE NETWORK	Very Good	Not Applicable	Not Applicable	Not Applicable	
47	WAREHOUSE	Good	Electrical fittings & Roof	Bulbs (20w-500w)	Replacement	N30,000.00
48	ADMINISTRATIVE BLOCK	Good	Electrical fittings	Bulbs (20w-500w)	Replacement	N25,000.00
49	WORKSHOP BLOCK	Good	Electrical fittings	Bulbs (20w-500w)	Replacement	N20,000.00
50	UTILITY BLOCK	Good	Electrical fittings	Bulbs (20w-500w)	Replacement	N25,000.00
51	SECURITY POST	Very Good	Not Applicable	Not Applicable	Not Applicable	
52	FENCE	Very Good	Not Applicable	Not Applicable	Not Applicable	
53	DUST HOUSE	Not Available	Not Applicable	Not Applicable	Not Applicable	
54	TRACTOR	Good	Not Applicable	Not Applicable	Not Applicable	
55	SECURITY LIGHT	Good	Bulbs	60w-500w	Replacement	N50,000.00
56	PROJECT VEHICLE	Not Available	Not Applicable	Not Applicable	Not Applicable	
57	MANAGER'S RESIDENCE	Not Available	Not Applicable	Not Applicable	Not Applicable	
58	TRUCK DRIVERS LODGE	Not Available	Not Applicable	Not Applicable	Not Applicable	
59	SECURITY STAFF LODGE	Not Available	Not Applicable	Not Applicable	Not Applicable	

Igbariam Silo Complex, Anambra State						
SN	Equipment Description	Condition Grade	Faulty Component	Specification	Remedy Action	Cost of Replacement or Repairs
1	WEIGH BRIDGE	Awaiting installation	Not Applicable	Not Applicable	Installation	
2	INTAKE PIT	Awaiting installation	Not Applicable	Not Applicable	Installation	
3	CONTROL PANEL	Awaiting installation	Not Applicable	Not Applicable	Installation	
4	GRAIN CLEANER	Awaiting installation	Not Applicable	Not Applicable	Installation	
5	ELEVATORS	Awaiting installation	Not Applicable	Not Applicable	Installation	
6	GRAIN DRYER	Awaiting installation	Not Applicable	Not Applicable	Installation	
7	DRAG (CHAIN) CONVEYOR	Awaiting installation	Not Applicable	Not Applicable	Installation	
8	SILO BIN 1	Awaiting installation	Not Applicable	Not Applicable	Installation	
9	SILO BIN 2	Awaiting installation	Not Applicable	Not Applicable	Installation	
10	SILO BIN 3	Awaiting installation	Not Applicable	Not Applicable	Installation	
11	SILO BIN 4	Awaiting installation	Not Applicable	Not Applicable	Installation	
12	SILO BIN 5	Awaiting installation	Not Applicable	Not Applicable	Installation	
13	SILO BIN 6	Awaiting installation	Not Applicable	Not Applicable	Installation	
14	SILO BIN 7	Awaiting installation	Not Applicable	Not Applicable	Installation	
15	SILO BIN 8	Awaiting installation	Not Applicable	Not Applicable	Installation	
16	SILO BIN 9	Awaiting installation	Not Applicable	Not Applicable	Installation	
17	SILO BIN 10	Awaiting installation	Not Applicable	Not Applicable	Installation	
18	SILO BIN 11	None				
19	SILO BIN 12	None				
20	SILO BIN 13	None				
21	SILO BIN 14	None				
22	SILO BIN 15	None				
23	SILO BIN 16	None				
24	SILO BIN 17	None				
25	SILO BIN 18	None				
26	SILO BIN 19	None				
27	SILO BIN 20	None				
28	HOSPITAL BIN 1	Installation On-going	Not Applicable	Not Applicable	Installation	
29	HOSPITAL BIN 2	Installation On-going	Not Applicable	Not Applicable	Installation	
30	TEMPERING BIN 1	Installation On-going	Not Applicable	Not Applicable	Installation	
31	TEMPERING BIN 2	Installation On-going	Not Applicable	Not Applicable	Installation	
32	BULK LOADING BIN	Awaiting Installation	Not Applicable	Not Applicable	Installation	
33	BAGGING PLANT	Awaiting Installation	Not Applicable	Not Applicable	Installation	
34	MOBILE CONVEYOR	Awaiting Installation	Not Applicable	Not Applicable	Installation	
35	WORKSHOP TOOLS	Not Available	Not Applicable	Complete Set of Mechanical & Electrical WORKSHOP Tools	Provision	

Igbariam Silo Complex, Anambra State						
SN	Equipment Description	Condition Grade	Faulty Component	Specification	Remedy Action	Cost of Replacement or Repairs
36	LABORATORY TOOLS	Not Available	Not Applicable	Complete Basic Laboratory Tools	Provision	
37	BOREHOLE	Construction On-going	Not Applicable	Not Applicable	Construction	
38	WATER TREATMENT PLANT	Awaiting Installation	Not Applicable	Not Applicable	Installation	
39	WATER HYDRANT	Awaiting Installation	Not Applicable	Not Applicable	Installation	
40	FIRE EXTINGUISHER	Not Available	Not Applicable	Not Applicable	Provision	
41	FUEL DEPOT	Not Available	Not Applicable	Not Applicable	Not Applicable	
42	POWER SUPPLY (Main)	Awaiting Installation	Not Applicable	Not Applicable	Installation	
43	GENERATOR	Awaiting installation	Not Applicable	Not Applicable	Installation	
44	ACCESS ROADS	Very Good	Not Applicable	Not Applicable	Not Applicable	
45	INTERNAL ROADS NETWORK	Construction On-going	Not Applicable	Not Applicable	Construction	
46	INTERNAL DRAINAGE NETWORK	Construction On-going	Not Applicable	Not Applicable	Construction	
47	WAREHOUSE	Construction On-going	Not Applicable	Not Applicable	Construction	
48	ADMINISTRATIVE BLOCK	Construction On-going	Not Applicable	Not Applicable	Construction	
49	WORKSHOP BLOCK	Construction On-going	Not Applicable	Not Applicable	Construction	
50	UTILITY BLOCK	Construction On-going	Not Applicable	Not Applicable	Construction	
51	SECURITY POST	Construction On-going	Not Applicable	Not Applicable	Construction	
52	FENCE	Good	No Concrete Coping	Not Applicable	Construction	
53	DUST HOUSE	Not Available	Not Applicable	Not Applicable	Not Applicable	
54	TRACTOR	Awaiting installation	Not Applicable	Not Applicable	Installation	
55	SECURITY LIGHT	Awaiting Installation	Not Applicable	Not Applicable	Installation	
56	PROJECT VEHICLE	Not Available	Not Applicable	Not Applicable	Not Applicable	
57	MANAGER'S RESIDENCE	Not Available	Not Applicable	Not Applicable	Not Applicable	
58	TRUCK DRIVERS LODGE	Construction On-going	Not Applicable	Not Applicable	Not Applicable	
59	SECURITY STAFF LODGE	Construction On-going	Not Applicable	Not Applicable	Not Applicable	

Ikenne Silo Complex, Ogun State						
SN	Equipment Description	Condition Grade	Faulty Component	Specification	Remedy Action	Cost of Replacement or Repairs
1	WEIGH BRIDGE	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
2	INTAKE PIT	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
3	CONTROL PANEL	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
4	GRAIN CLEANER	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
5	ELEVATORS	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
6	GRAIN DRYER	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
7	DRAG (CHAIN) CONVEYOR	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
8	SILO BIN 1	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
9	SILO BIN 2	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
10	SILO BIN 3	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
11	SILO BIN 4	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
12	SILO BIN 5	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
13	SILO BIN 6	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
14	SILO BIN 7	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
15	SILO BIN 8	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
16	SILO BIN 9	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
17	SILO BIN 10	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
18	SILO BIN 11	None				
19	SILO BIN 12	None				
20	SILO BIN 13	None				
21	SILO BIN 14	None				
22	SILO BIN 15	None				
23	SILO BIN 16	None				
24	SILO BIN 17	None				
25	SILO BIN 18	None				
26	SILO BIN 19	None				
27	SILO BIN 20	None				
28	HOSPITAL BIN 1	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
29	HOSPITAL BIN 2	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
30	TEMPERING BIN 1	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
31	TEMPERING BIN 2	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
32	BULK LOADING BIN	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
33	BAGGING PLANT	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
34	MOBILE CONVEYOR	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
35	WORKSHOP TOOLS	Not Available	Not Applicable	Complete Set Of Mechanical& Electrical WORKSHOP Tools	Provision	
36	LABORATORY TOOLS	Not Available	Not Applicable	Complete Basic Laboratory Tools	Provision	

Ikenne Silo Complex, Ogun State						
SN	Equipment Description	Condition Grade	Faulty Component	Specification	Remedy Action	Cost of Replacement or Repairs
37	WATER SUPPLY	Newly constructed	Pumping Machine		Replacement	
38	WATER TREATMENT PLANT	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
39	WATER HYDRANT	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
40	FIRE EXTINGUISHER	Not Available	Not Applicable	Not Applicable	Provision	
41	FUEL DEPOT	Not Available	Not Applicable	Not Applicable	Not Applicable	
42	POWER SUPPLY (Main)	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
43	GENERATOR	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
44	ACCESS ROADS	Very Good	Not Applicable	Not Applicable	Not Applicable	
45	INTERNAL ROADS NETWORK	Very Good	Not Applicable	Not Applicable	Not Applicable	
46	INTERNAL DRAINAGE NETWORK	Very Good	Not Applicable	Not Applicable	Not Applicable	
47	WAREHOUSE	Very Good	Not Applicable	Not Applicable	Not Applicable	
48	ADMINISTRATIVE BLOCK	Very Good	Not Applicable	Not Applicable	Not Applicable	
49	WORKSHOP BLOCK	Very Good	Not Applicable	Not Applicable	Not Applicable	
50	UTILITY BLOCK	Very Good	Not Applicable	Not Applicable	Not Applicable	
51	SECURITY POST	Very Good	Not Applicable	Not Applicable	Not Applicable	
52	FENCE	Very Good	Not Applicable	Not Applicable	Not Applicable	
53	DUST HOUSE	Not Available	Not Applicable	Not Applicable	Construction	
54	TRACTOR	Not Available	Not Applicable	Not Applicable	Not Applicable	
55	SECURITY LIGHT	Very Good	Not Applicable	Not Applicable	Not Applicable	
56	PROJECT VEHICLE	Not Available	Not Applicable	Not Applicable	Not Applicable	
57	MANAGER'S RESIDENCE	Not Available	Not Applicable	Not Applicable	Not Applicable	
58	TRUCK DRIVERS LODGE	Very Good	Not Applicable	Not Applicable	Not Applicable	
59	SECURITY STAFF LODGE	Very Good		Not Applicable	Not Applicable	

Ilesha Silo Complex, Osun State						
SN	Equipment Description	Condition Grade	Faulty Component	Specification	Remedy Action	Cost of Replacement or Repairs
1	WEIGH BRIDGE	Very Good	Not Applicable	Not Applicable	Not Applicable	
2	INTAKE PIT	Very Good	Not Applicable	Not Applicable	Not Applicable	
3	CONTROL PANEL	Very Good	Not Applicable	Not Applicable	Not Applicable	
4	GRAIN CLEANER	Very Good	Not Applicable	Not Applicable	Not Applicable	
5	ELEVATORS	Very Good	Not Applicable	Not Applicable	Not Applicable	
6	GRAIN DRYER	Never Been Used	Not Applicable	Not Applicable	Not Applicable	
7	DRAG (CHAIN) CONVEYOR	Very Good	Not Applicable	Not Applicable	Not Applicable	
8	SILO BIN 1	Very Good	Not Applicable	Not Applicable	Not Applicable	
9	SILO BIN 2	Very Good	Not Applicable	Not Applicable	Not Applicable	
10	SILO BIN 3	Very Good	Not Applicable	Not Applicable	Not Applicable	
11	SILO BIN 4	Very Good	Not Applicable	Not Applicable	Not Applicable	
12	SILO BIN 5	Very Good	Not Applicable	Not Applicable	Not Applicable	
13	SILO BIN 6	Very Good	Not Applicable	Not Applicable	Not Applicable	
14	SILO BIN 7	Very Good	Not Applicable	Not Applicable	Not Applicable	
15	SILO BIN 8	Very Good	Not Applicable	Not Applicable	Not Applicable	
16	SILO BIN 9	Very Good	Not Applicable	Not Applicable	Not Applicable	
17	SILO BIN 10	Very Good	Not Applicable	Not Applicable	Not Applicable	
18	SILO BIN 11	None				
19	SILO BIN 12	None				
20	SILO BIN 13	None				
21	SILO BIN 14	None				
22	SILO BIN 15	None				
23	SILO BIN 16	None				
24	SILO BIN 17	None				
25	SILO BIN 18	None				
26	SILO BIN 19	None				
27	SILO BIN 20	None				
28	HOSPITAL BIN 1	Very Good	Not Applicable	Not Applicable	Not Applicable	
29	HOSPITAL BIN 2	Very Good	Not Applicable	Not Applicable	Not Applicable	
30	TEMPERING BIN 1	Very Good	Not Applicable	Not Applicable	Not Applicable	
31	TEMPERING BIN 2	Very Good	Not Applicable	Not Applicable	Not Applicable	
32	BULK LOADING BIN	Very Good	Not Applicable	Not Applicable	Not Applicable	
33	BAGGING PLANT	Very Good	Not Applicable	Not Applicable	Not Applicable	

Ilesha Silo Complex, Osun State						
SN	Equipment Description	Condition Grade	Faulty Component	Specification	Remedy Action	Cost of Replacement or Repairs
34	MOBILE CONVEYOR	Not Available	Not Applicable	Not Applicable	Provision	
35	WORKSHOP TOOLS	Fair	Incomplete Set of tool box	Complete Set of Equipment	Provision	
36	LABORATORY TOOLS	Fair	Incomplete	Complete Set of Tool Box	Provision	
37	BOREHOLE	Very Good	Not connected to Public Water Mains	Connection to Public Water Mains	Connection to public water supply	
38	WATER TREATMENT PLANT	Very Good	Not Applicable	Not Applicable	Not Applicable	
39	WATER HYDRANT	Very Good	Not Applicable	Not Applicable	Not Applicable	
40	FIRE EXTINGUISHER	Fair	Expired	2kg Powder and Liquid Type	Refilling/ Servicing	N100,000
41	FUEL DEPOT	Not Available	Not Applicable	Not Applicable	Not Applicable	
42	POWER SUPPLY (Main)	Very Good	Not Applicable	Not Applicable	Not Applicable	
43	GENERATOR	Very Good	Not Applicable	Not Applicable	Not Applicable	
44	ACCESS ROADS	Very Good	Not Applicable	Not Applicable	Not Applicable	
45	INTERNAL ROADS NETWORK	Very Good	Not Applicable	Not Applicable	Not Applicable	
46	INTERNAL DRAINAGE NETWORK	Very Good	Not Applicable	Not Applicable	Not Applicable	
47	WAREHOUSE	Very Good	Not Applicable	Not Applicable	Not Applicable	
48	ADMINISTRATIVE BLOCK	Very Good	Not Applicable	Not Applicable	Not Applicable	
49	WORKSHOP BLOCK	Very Good	Not Applicable	Not Applicable	Not Applicable	
50	UTILITY BLOCK	Very Good	Not Applicable	Not Applicable	Not Applicable	
51	SECURITY POST	Not Available	Not Applicable	Not Applicable	Not Applicable	
52	FENCE	Very Good	Not Applicable	Not Applicable	Not Applicable	
53	DUST HOUSE	Not Available	Not Applicable	Not Applicable	Not Applicable	
54	TRACTOR	Not Available	Not Applicable	Not Applicable	Not Applicable	
55	SECURITY LIGHT	Very Good	Not Applicable	Not Applicable	Not Applicable	
56	PROJECT VEHICLE	Not Available	Not Applicable	Not Applicable	Not Applicable	
57	MANAGER'S RESIDENCE	Not Available	Not Applicable	Not Applicable	Not Applicable	
58	TRUCK DRIVERS LODGE	Very Good	Not Applicable	Not Applicable	Not Applicable	
59	SECURITY STAFF LODGE	Very Good	Not Applicable	Not Applicable	Not Applicable	

Ilorin Silo Complex, Kwara State						
SN	Equipment Description	Condition Grade	Faulty Component	Specification	Remedy Action	Cost of Replacement or Repairs
1	WEIGH BRIDGE	Good	Printer	Digital printer	Service & Rehabilitation	N100,000
2	INTAKE PIT	Fair	Water Seepage & Conveyor	Civil Works Leakage	Re-construction Repair	N200,000
3	CONTROL PANEL	Very Good	Not Applicable	Not Applicable	Not Applicable	
4	GRAIN CLEANER	Poor	Cleaner & Aspirator	50mt/hr Cleaner & Aspirator	Replacement	N200,000
5	ELEVATORS	Good	Elevator Booth & Elevator Cups	Leakages in the Booth, Flanges & Metallic Cups 400 Nos.	Rehabilitation & Replacement	N420,000
6	GRAIN DRYER	Never used	Not Applicable	Not Applicable	Not Applicable	
7	DRAG (CHAIN) CONVEYOR	Very Good	Not Applicable	Not Applicable	Not Applicable	
8	SILO BIN 1	Very Good	Not Applicable	Not Applicable	Not Applicable	
9	SILO BIN 2	Very Good	Not Applicable	Not Applicable	Not Applicable	
10	SILO BIN 3	Poor	Silo Sheets	Corrugated Silo Sheets 20 Nos.	Replacement	N300,000
11	SILO BIN 4	Very Good	Not Applicable	Not Applicable	Not Applicable	
12	SILO BIN 5	Good	Corroded Sheets	4 Nos. of Corroded Sheets	Sand Blasting	N50,000
13	SILO BIN 6	Very Good	Not Applicable	Not Applicable	Not Applicable	
14	SILO BIN 7	Very Good	Not Applicable	Not Applicable	Not Applicable	
15	SILO BIN 8	Good	Corroded Sheets	60 Nos of corroded Sheets	Sand Blasting	N150,000
16	SILO BIN 9	Good	Corroded Sheets	50Nos of corrode Sheets	Sand Blasting	N130,000
17	SILO BIN 10	Good	Corroded Sheets	60Nos of corroded Sheets	Sand Blasting	N150,000
18	SILO BIN 11	None				
19	SILO BIN 12	None				
20	SILO BIN 13	None				
21	SILO BIN 14	None				
22	SILO BIN 15	None				
23	SILO BIN 16	None				
24	SILO BIN 17	None				
25	SILO BIN 18	None				
26	SILO BIN 19	None				
27	SILO BIN 20	None				
28	HOSPITAL BIN 1	Poor	Roof & Silo Wall Sheets	Roof & 15 Sheets of Corrugated Sheets	Replacement	N500,000
29	HOSPITAL BIN 2	Poor	Hopper bottom	Hopper bottom	Re-construction	N200,000
30	TEMPERING BIN 1	Poor	Hopper bottom	Hopper bottom	Re-construction	N200,000
31	TEMPERING BIN 2	Poor	Hopper bottom	Hopper bottom	Re-construction	N200,000
32	BULK LOADING BIN	Good	Roof Sheets	2 Nos. of Roof Sheets	Welding of Leaking Points	N10,000
33	BAGGING PLANT	Poor	Bagging Plant	50mt/hr	Replacement	N5.3Million

Ilorin Silo Complex, Kwara State						
SN	Equipment Description	Condition Grade	Faulty Component	Specification	Remedy Action	Cost of Replacement or Repairs
34	MOBILE CONVEYOR	Not Installed	Not Applicable	Not Applicable	Provision	N750,000
35	WORKSHOP TOOLS	Good	Incomplete	Incomplete	Provision	N400,000
36	LABORATORY TOOLS	Good	Incomplete	Incomplete	Provision	N600,000
37	BOREHOLE	Good	One Water Pump not Functioning Properly	Water Pump	Repair/Replace Water Pump	PROVIDE COST
38	WATER TREATMENT PLANT	Not Available	Not Applicable	Not Applicable	Installation	PROVIDE COST
39	WATER HYDRANT	Good	Hose Perforation	Hose	Replacement	N60,000
40	FIRE EXTINGUISHER	Poor	Expired	9kg Powder, 5kg Liquid, 3kg Foam	Refilling	N150,000
41	FUEL DEPOT	Never Used	Not Applicable	Not Applicable	Not Applicable	
42	POWER SUPPLY (Main)	Very Poor	Armored cable	Transformer Cable (30metres)	Replacement	N400,000
43	GENERATOR	Very Good	Not Applicable	Not Applicable	Not Applicable	
44	ACCESS ROADS	Very Good	Not Applicable	Not Applicable	Not Applicable	
45	INTERNAL ROADS NETWORK	Very Good	Not Applicable	Not Applicable	Not Applicable	
46	INTERNAL DRAINAGE NETWORK	Very Good	Not Applicable	Not Applicable	Not Applicable	
47	WAREHOUSE	Very Good	Not Applicable	Not Applicable	Not Applicable	
48	ADMINISTRATIVE BLOCK	Very Good	Not Applicable	Not Applicable	Not Applicable	
49	WORKSHOP BLOCK	Very Good	Not Applicable	Not Applicable	Not Applicable	
50	UTILITY BLOCK	Very Good	Not Applicable	Not Applicable	Not Applicable	
51	SECURITY POST	Very Good	Not Applicable	Not Applicable	Not Applicable	
52	FENCE	Very Good	Not Applicable	Not Applicable	Not Applicable	
53	DUST HOUSE	Not Available	Not Applicable	Not Applicable	Not Applicable	
54	TRACTOR	Very Good	Not Applicable	Not Applicable	Not Applicable	
55	SECURITY LIGHT	Good	Halogen Bulbs and Other Fittings	20-500watts	Replacement	N50,000
56	PROJECT VEHICLE	Fair	Depreciates Beyond Economic Repairs	Toyota Hilux	Replacement	N6.0m
57	MANAGER'S RESIDENCE	Not Available	Not Applicable	Not Applicable	Not Applicable	
58	TRUCK DRIVERS LODGE	Not Available	Not Applicable	Not Applicable	Not Applicable	
59	SECURITY STAFF LODGE	Not Available	Not Applicable	Not Applicable	Not Applicable	

Irrua Silo Complex, Edo State						
SN	Equipment Description	Condition Grade	Faulty Component	Specification	Remedy Action	Cost of Replacement or Repairs
1	WEIGH BRIDGE	Very Good	Not Applicable	Not Applicable	Not Applicable	
2	INTAKE PIT	Very Good	Not Applicable	Not Applicable	Not Applicable	
3	CONTROL PANEL	Good	Thermostat	50mt/hr	Replacement	N100,000
4	GRAIN CLEANER	Good	Dust Extra Action Fan, Magnetic separator	Axial Fan, Magnetic Separator	Replacement	N200,000
5	ELEVATORS	Very Good	Not Applicable	Not Applicable	Not Applicable	
6	GRAIN DRYER	Never Used	Not Applicable	Not Applicable	Not Applicable	
7	DRAG (CHAIN) CONVEYOR	Good	Flanges	Leakage	Repair	N30,000
8	SILO BIN 1	Good	No Sweep & Discharge Augers	Sweep & Discharge Auger	Rehabilitation and Replacement	N1.48m
9	SILO BIN 2	Good	No Sweep & Discharge Augers, seepage at the aeration duct	Sweep & Discharge Auger	Rehabilitation and Replacement	N1.6m
10	SILO BIN 3	Good	Roof leakage, seepage at the base, No. Sweep & Discharge Auger	Civil Works, Sweep & Discharge Auger	Rehabilitation and Replacement	N1.6m
11	SILO BIN 4	Good	Roof leakage, seepage at the base, no Sweep & Discharge Augers	Civil Works, Sweep & Discharge Auger	Rehabilitation and Replacement	N1.6m
12	SILO BIN 5	Good	No Sweep & Discharge Augers	Civil Works, Sweep & Discharge Auger	Replacement	N1.48m
13	SILO BIN 6	Good	Seepage at the base, No. Sweep & Discharge Auger	Civil Works, Sweep & Discharge Auger	Rehabilitation and Replacement	N1.6m
14	SILO BIN 7	Good	Roof leakage, No. Sweep & Discharge Auger	Civil Works, Sweep & Discharge Auger	Rehabilitation and Replacement	N1.6m
15	SILO BIN 8	Good	Roof leakage, seepage at the base, No Sweep & Discharge Auger	Civil Works, Sweep & Discharge Auger	Rehabilitation and Replacement	N1.6m
16	SILO BIN 9	Good	Roof leakage, No Sweep & Discharge Auger	Civil Works, Sweep & Discharge Auger	Rehabilitation and Replacement	N1.6m
17	SILO BIN 10	Good	Seepage at the base, No Sweep & Discharge Auger	Civil Works, Sweep & Discharge Auger	Rehabilitation and Replacement	N1.6m
18	SILO BIN 11	None				
19	SILO BIN 12	None				
20	SILO BIN 13	None				
21	SILO BIN 14	None				
22	SILO BIN 15	None				
23	SILO BIN 16	None				
24	SILO BIN 17	None				
25	SILO BIN 18	None				
26	SILO BIN 19	None				
27	SILO BIN 20	None				
28	HOSPITAL BIN 1	Good	Seepage at the base	Civil Works	Rehabilitation	N100,000
29	HOSPITAL BIN 2	Good	Seepage at the base	Civil Works	Rehabilitation	N100,000
30	TEMPERING BIN 1	Very Good	Not Applicable	Not Applicable	Not Applicable	

Irrua Silo Complex, Edo State						
SN	Equipment Description	Condition Grade	Faulty Component	Specification	Remedy Action	Cost of Replacement or Repairs
31	TEMPERING BIN 2	Very Good	Not Applicable	Not Applicable	Not Applicable	
32	BULK LOADING BIN	Good	Discharge Sprout Pipe	Enlargement	Rehabilitation	N100,000
33	BAGGING PLANT	Poor	Industrial Sewing Machine not Provided, Bagging Plant Mismatch.	Industrial Sewing Machine and Bagging Plant	Replacement	N5.32m
34	MOBILE CONVEYOR	Not Available	Not Applicable	Not Applicable	Installation	
35	WORKSHOP TOOLS	Fair	Incomplete	Complete Set of tool box	Replacement	N400,000
36	LABORATORY TOOLS	Fair	Incomplete	Complete Set of basic Laboratory Equipment	Replacement	N600,000
37	BOREHOLE	Very Poor	Borehole Not Connected to Public Water Mains	Connection to Public Water Mains & drilling of Borehole	Connection to public water supply & drilling of Borehole	N2.5m
38	WATER TREATMENT PLANT	Not Available	Not Applicable	Not Applicable	Installation	
39	WATER HYDRANT	Not Available	Not Applicable	Water Hydrant (5Nos.)	Provision	N250,000
40	FIRE EXTINGUISHER	Poor	Expired	5kg, 10kg, 15kg, 20kg	Refilling and servicing	N150,000
41	FUEL DEPOT	Never Used	Not Applicable	Not Applicable	Not Applicable	
42	POWER SUPPLY (Main)	Very Good	Not Applicable	Not Applicable	Not Applicable	
43	GENERATOR	Good (1),Bad (1)	Burnt cylinder head gasket	350kva Perkins Cylinder Gasket	Complete Servicing or Replacement	N50,000
44	ACCESS ROADS	Very Good	Not Applicable	Not Applicable	Not Applicable	
45	INTERNAL ROADS NETWORK	Very Good	Not Applicable	Not Applicable	Not Applicable	
46	INTERNAL DRAINAGE NETWORK	Very Good	Not Applicable	Not Applicable	Not Applicable	
47	WAREHOUSE	Good	Plumbing	Wash-hand basin	Repairs	N50,000
48	ADMINISTRATIVE BLOCK	Good	Electrical Fittings and Accessories Plumbing	Plumbing & Electrical Fittings	Repair and Replacement	N100,000
49	WORKSHOP BLOCK	Good	Roof Leakage,Plumbing Fittings	Roof Leakage Plumbing Fittings	Repair and replacement	N100,000
50	UTILITY BLOCK	Very Good	Not Applicable	Not Applicable	Not Applicable	
51	SECURITY POST	Good	Plumbing Fittings	Plumbing Fittings	Replacement	N100,000
52	FENCE	Very Good	Not Applicable	Not Applicable	Not Applicable	
53	DUST HOUSE	Not Available	Not Applicable	Dust House	Provision	N3.5m
54	TRACTOR	Good	Overdue for Servicing	Servicing	Repair	N50,000
55	SECURITY LIGHT	Poor	Burnt bulbs and lamp holders	Bulbs (20w -500w), Lamp holders	Replacement	N50,000
56	PROJECT VEHICLE	Not Available	Not Applicable	Not Applicable	Not Applicable	
57	MANAGER'S RESIDENCE	Not Available	Not Applicable	Not Applicable	Not Applicable	
58	TRUCK DRIVERS LODGE	Not Available	Not Applicable	Not Applicable	Construction	
59	SECURITY STAFF LODGE	Not Available	Not Applicable	Not Applicable	Construction	

Jahun Silo Complex, Jigawa State						
SN	Equipment Description	Condition Grade	Faulty Component	Specification	Remedy Action	Cost of Replacement or Repairs
1	WEIGH BRIDGE	Good	Printer	Digital Printer	Replacement	N100,000
2	INTAKE PIT	Very Good	Not Available	Not Applicable	Not Applicable	
3	CONTROL PANEL	Very Good	Not Available	Not Applicable	Not Applicable	
4	GRAIN CLEANER	Good	Aspirator	50 MT/Hr	Replacement	N220,000
5	ELEVATORS	Good	Elevator Booth	Leakages	Repair	N15,000
6	GRAIN DRYER	Never Used	Not Available	Not Applicable	Not Applicable	
7	DRAG (CHAIN) CONVEYOR	Very Good	Not Available	Not Applicable	Not Applicable	
8	SILO BIN 1	Good	Roof & Side wall Sheet	Leakage & Corrosion	Rehabilitation	N51,000
9	SILO BIN 2	Good	Roof	Leakage	Repair	N51,000
10	SILO BIN 3	Very Good	Not Applicable	Not Applicable	Not Applicable	
11	SILO BIN 4	Very Good	Not Applicable	Not Applicable	Not Applicable	
12	SILO BIN 5	Good	Roof & Side wall Sheet	Leakage & Corrosion	Repair	N51,000
13	SILO BIN 6	Very Good	Not Available	Not Applicable	Not Applicable	
14	SILO BIN 7	Good	Roof	Leakage	Repair	N51,000
15	SILO BIN 8	Very Good	Not Available	Not Applicable	Not Applicable	
16	SILO BIN 9	Good	Roof & Side wall Sheet	Leakage & Corrosion	Rehabilitation	N51,000
17	SILO BIN 10	Good	Roof & Side wall Sheet	Leakage & Corrosion	Rehabilitation	N51,000
18	SILO BIN 11	None	Not Applicable			
19	SILO BIN 12	None	Not Applicable			
20	SILO BIN 13	None	Not Applicable			
21	SILO BIN 14	None	Not Applicable			
22	SILO BIN 15	None	Not Applicable			
23	SILO BIN 16	None	Not Applicable			
24	SILO BIN 17	None	Not Applicable			
25	SILO BIN 18	None	Not Applicable			
26	SILO BIN 19	None	Not Applicable			
27	SILO BIN 20	None	Not Applicable			
28	HOSPITAL BIN 1	Very Good	Not Applicable	Not Applicable	Not Applicable	
29	HOSPITAL BIN 2	Very Good	Not Applicable	Not Applicable	Not Applicable	
30	TEMPERING BIN 1	Very Good	Not Applicable	Not Applicable	Not Applicable	
31	TEMPERING BIN 2	Very Good	Not Applicable	Not Applicable	Not Applicable	

Jahun Silo Complex, Jigawa State						
SN	Equipment Description	Condition Grade	Faulty Component	Specification	Remedy Action	Cost of Replacement or Repairs
32	BULK LOADING BIN	Very Good	Not Applicable	Not Applicable	Not Applicable	
33	BAGGING PLANT	Very Good	Not Applicable	Not Applicable	Not Applicable	
34	MOBILE CONVEYOR	Not Assembled	Not Applicable	Not Applicable	Assembled Mobile Conveyor	N100,000
35	WORKSHOP TOOLS	Good	Incomplete Set of Tools	Not Applicable	Provision of Missing Tools	N400,000
36	LABORATORY TOOLS	Good	Incomplete Set of Tools	Not Applicable	Provision of Missing Tools	N600,000
37	BOREHOLE	Newly constructed	Borehole Not Connected To Public Water Mains	Not Applicable	Connection to Public Water Supply	
38	WATER TREATMENT PLANT	Not Available	Not Applicable	Not Applicable	Installation	PROVIDE COST
39	WATER HYDRANT	Very Good	Not Applicable	Not Applicable	Not Applicable	
40	FIRE EXTINGUISHER	Poor	Expired	Powder & Foam type	Refilling	N150,000
41	FUEL DEPOT	Never Used	Not Applicable	Not Applicable	Not Applicable	
42	POWER SUPPLY (Main)	Very Good	Not Applicable	Not Applicable	Not Applicable	
43	GENERATOR	Very Good	Not Applicable	Not Applicable	Not Applicable	
44	ACCESS ROADS	Very Good	Not Applicable	Not Applicable	Not Applicable	
45	INTERNAL ROADS NETWORK	Very Good	Not Applicable	Not Applicable	Not Applicable	
46	INTERNAL DRAINAGE NETWORK	Very Good	Not Applicable	Not Applicable	Not Applicable	
47	WAREHOUSE	Very Good	Not Applicable	Not Applicable	Not Applicable	
48	ADMINISTRATIVE BLOCK	Very Good	Not Applicable	Not Applicable	Not Applicable	
49	WORKSHOP BLOCK	Very Good	Not Applicable	Not Applicable	Not Applicable	
50	UTILITY BLOCK	Very Good	Not Applicable	Not Applicable	Not Applicable	
51	SECURITY POST	Very Good	Not Applicable	Not Applicable	Not Applicable	
52	FENCE	Very Good	Not Applicable	Not Applicable	Not Applicable	
53	DUST HOUSE	Nil	Not Applicable	Not Applicable	Not Applicable	
54	TRACTOR	Very Good	Not Applicable	Not Applicable	Not Applicable	
55	SECURITY LIGHT	Good	Not Applicable	Not Applicable	Not Applicable	
56	PROJECT VEHICLE	Fair	Depreciated beyond economic Repairs	Toyota Hilux	Replacement	N6.0m
57	MANAGER'S RESIDENCE	Not Available	Not Applicable	Not Applicable	Not Applicable	
58	TRUCK DRIVERS LODGE	Not Available	Not Applicable	Not Applicable	Not Applicable	
59	SECURITY STAFF LODGE	Not Available	Not Applicable	Not Applicable	Not Applicable	

Jalingo Silo Complex, Taraba State						
SN	Equipment Description	Condition Grade	Faulty Component	Specification	Remedy Action	Cost of Replacement or Repairs
1	WEIGH BRIDGE	Awaiting Installation	Not Applicable	Not Applicable	Installation	
2	INTAKE PIT	Awaiting Installation	Not Applicable	Not Applicable	Installation	
3	CONTROL PANEL					
4	GRAIN CLEANER	Awaiting Installation	Not Applicable	Not Applicable	Installation	
5	ELEVATORS	Awaiting Installation	Not Applicable	Not Applicable	Installation	
6	GRAIN DRYER	Awaiting Installation	Not Applicable	Not Applicable	Installation	
7	DRAG (CHAIN) CONVEYOR	Awaiting Installation	Not Applicable	Not Applicable	Installation	
8	SILO BIN 1	Installation On-going	Not Applicable	Not Applicable	Installation	
9	SILO BIN 2	Installation On-going	Not Applicable	Not Applicable	Installation	
10	SILO BIN 3	Installation On-going	Not Applicable	Not Applicable	Installation	
11	SILO BIN 4	Installation On-going	Not Applicable	Not Applicable	Installation	
12	SILO BIN 5	Installation On-going	Not Applicable	Not Applicable	Installation	
13	SILO BIN 6	Installation On-going	Not Applicable	Not Applicable	Installation	
14	SILO BIN 7	Installation On-going	Not Applicable	Not Applicable	Installation	
15	SILO BIN 8	Installation On-going	Not Applicable	Not Applicable	Installation	
16	SILO BIN 9	Installation On-going	Not Applicable	Not Applicable	Installation	
17	SILO BIN 10	Installation On-going	Not Applicable	Not Applicable	Installation	
18	SILO BIN 11	None				
19	SILO BIN 12	None				
20	SILO BIN 13	None				
21	SILO BIN 14	None				
22	SILO BIN 15	None				
23	SILO BIN 16	None				
24	SILO BIN 17	None				
25	SILO BIN 18	None				
26	SILO BIN 19	None				
27	SILO BIN 20	None				
28	HOSPITAL BIN 1	Installation On-going	Not Applicable	Not Applicable	Installation	
29	HOSPITAL BIN 2	Installation On-going	Not Applicable	Not Applicable	Installation	
30	TEMPERING BIN 1	Installation On-going	Not Applicable	Not Applicable	Installation	
31	TEMPERING BIN 2	Installation On-going	Not Applicable	Not Applicable	Installation	
32	BULK LOADING BIN	Awaiting Installation	Not Applicable	Not Applicable	Installation	
33	BAGGING PLANT	Awaiting Installation	Not Applicable	Not Applicable	Installation	
34	MOBILE CONVEYOR	Awaiting Installation	Not Applicable	Not Applicable	Installation	
35	WORKSHOP TOOLS	Not Available	Not Applicable	Complete Set Of Mechanical & Electrical	Provision	
36	LABORATORY TOOLS	Not Available	Not Applicable	Complete Basic Laboratory Tools	Provision	

Jalingo Silo Complex, Taraba State						
SN	Equipment Description	Condition Grade	Faulty Component	Specification	Remedy Action	Cost of Replacement or Repairs
37	BOREHOLE	Awaiting Installation	Site Not Connected To Public Water Mains	Not Applicable	Connection to public water supply	
38	WATER TREATMENT PLANT	Awaiting Installation	Not Applicable	Not Applicable	Installation	
39	WATER HYDRANT	Awaiting Installation	Not Applicable	Not Applicable	Installation	
40	FIRE EXTINGUISHER	Not Available	Not Applicable	Not Applicable	Provision	
41	FUEL DEPOT	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
42	POWER SUPPLY (Main)	Awaiting Installation	Not Applicable	Not Applicable	Installation	
43	GENERATOR	Newly Supplied	Not Applicable	Not Applicable	Not Applicable	
44	ACCESS ROADS	Very Good	Not Applicable	Not Applicable	Not Applicable	
45	INTERNAL ROADS NETWORK	Very Good	Not Applicable	Not Applicable	Not Applicable	
46	INTERNAL DRAINAGE NETWORK	Very Good	Not Applicable	Not Applicable	Not Applicable	
47	WAREHOUSE	Very Good	Not Applicable	Not Applicable	Not Applicable	
48	ADMINISTRATIVE BLOCK	Very Good	Not Applicable	Not Applicable	Not Applicable	
49	WORKSHOP BLOCK	Very Good	Not Applicable	Not Applicable	Not Applicable	
50	UTILITY BLOCK	Very Good	Not Applicable	Not Applicable	Not Applicable	
51	SECURITY POST	Awaiting Construction	Not Applicable	Not Applicable	Construction	
52	FENCE	Nil	Not Applicable	Not Applicable	Not Applicable	
53	DUST HOUSE	Not Available	Not Applicable	Not Applicable	Not Applicable	
54	TRACTOR	Not Available	Not Applicable	Not Applicable	Not Applicable	
55	SECURITY LIGHT	Good	Not Applicable	Not Applicable	Installation	
56	PROJECT VEHICLE	Not Available	Not Applicable	Not Applicable	Not Applicable	
57	MANAGER'S RESIDENCE	Very Good	Not Applicable	Not Applicable	Not Applicable	
58	TRUCK DRIVERS LODGE	Very Good	Not Applicable	Not Applicable	Not Applicable	
59	SECURITY STAFF LODGE	Very Good	Not Applicable	Not Applicable	Not Applicable	

Jos Silo Complex, Plateau State						
SN	Equipment Description	Condition Grade	Faulty Component	Specification	Remedy Action	Cost of Replacement or Repairs
1	WEIGH BRIDGE	Very Good	Not Applicable	Not Applicable	Not Applicable	
2	INTAKE PIT	Very Good	Not Applicable	Not Applicable	Not Applicable	
3	CONTROL PANEL	Very Good	Not Applicable	Not Applicable	Not Applicable	
4	GRAIN CLEANER	Good	Aspirator	50ton/hr	Replacement	N220,000
5	ELEVATORS	Very Good	Not Applicable	Not Applicable	Not Applicable	
6	GRAIN DRYER	Never Been Used	Not Applicable	Not Applicable	Not Applicable	
7	DRAG (CHAIN) CONVEYOR	Very Good	Not Applicable	Not Applicable	Not Applicable	
8	SILO BIN 1	Very Good	Not Applicable	Not Applicable	Not Applicable	
9	SILO BIN 2	Very Good	Not Applicable	Not Applicable	Not Applicable	
10	SILO BIN 3	Very Good	Not Applicable	Not Applicable	Not Applicable	
11	SILO BIN 4	Very Good	Not Applicable	Not Applicable	Not Applicable	
12	SILO BIN 5	Very Good	Not Applicable	Not Applicable	Not Applicable	
13	SILO BIN 6	Very Good	Not Applicable	Not Applicable	Not Applicable	
14	SILO BIN 7	Very Good	Not Applicable	Not Applicable	Not Applicable	
15	SILO BIN 8	Very Good	Not Applicable	Not Applicable	Not Applicable	
16	SILO BIN 9	Very Good	Not Applicable	Not Applicable	Not Applicable	
17	SILO BIN 10	Very Good	Not Applicable	Not Applicable	Not Applicable	
18	SILO BIN 11	None				
19	SILO BIN 12	None				
20	SILO BIN 13	None				
21	SILO BIN 14	None				
22	SILO BIN 15	None				
23	SILO BIN 16	None				
24	SILO BIN 17	None				
25	SILO BIN 18	None				
26	SILO BIN 19	None				
27	SILO BIN 20	None				
28	HOSPITAL BIN 1	Very Good	Not Applicable	Not Applicable	Not Applicable	
29	HOSPITAL BIN 2	Very Good	Not Applicable	Not Applicable	Not Applicable	

Jos Silo Complex, Plateau State						
SN	Equipment Description	Condition Grade	Faulty Component	Specification	Remedy Action	Cost of Replacement or Repairs
30	TEMPERING BIN 1	Very Good	Not Applicable	Not Applicable	Not Applicable	
31	TEMPERING BIN 2	Very Good	Not Applicable	Not Applicable	Not Applicable	
32	BULK LOADING BIN	Very Good	Not Applicable	Not Applicable	Not Applicable	
33	BAGGING PLANT	Very Good	Not Applicable	Not Applicable	Not Applicable	
34	MOBILE CONVEYOR	Very Good	Not Applicable	Not Applicable	Not Applicable	
35	WORKSHOP TOOLS	Fair	Incomplete	Pulleys, Tool Box	Replacement	N400,000
36	LABORATORY TOOLS	Fair	Incomplete	Microscope, ph Meter, Grain Seeker	Replacement	N200,000
37	BOREHOLE	Very Good	Not Applicable	Not Applicable	Not Applicable	
38	WATER TREATMENT PLANT	Awaiting Installation	Not Applicable	Not Applicable	Installation	
39	WATER HYDRANT	Never Been Used	Not Applicable	Not Applicable	Not Applicable	
40	FIRE EXTINGUISHER	Poor	Expired	5kg, 3kg, 6kg, 10kg, 20kg	Refilling and servicing	N150,000
41	FUEL DEPOT	Never Been Used	Not Applicable	Not Applicable	Not Applicable	
42	POWER SUPPLY (Main)	Very Good	Not Applicable	Not Applicable	Not Applicable	
43	GENERATOR	Very Good	Not Applicable	Not Applicable	Not Applicable	
44	ACCESS ROADS	Very Good	Not Applicable	Not Applicable	Not Applicable	
45	INTERNAL ROADS NETWORK	Very Good	Not Applicable	Not Applicable	Not Applicable	
46	INTERNAL DRAINAGE NETWORK	Very Good	Not Applicable	Not Applicable	Not Applicable	
47	WAREHOUSE	Very Good	Not Applicable	Not Applicable	Not Applicable	
48	ADMINISTRATIVE BLOCK	Very Good	Not Applicable	Not Applicable	Not Applicable	
49	WORKSHOP BLOCK	Very Good	Not Applicable	Not Applicable	Not Applicable	
50	UTILITY BLOCK	Very Good	Not Applicable	Not Applicable	Not Applicable	
51	SECURITY POST	Very Good	Not Applicable	Not Applicable	Not Applicable	
52	FENCE	Very Good	Not Applicable	Not Applicable	Not Applicable	
53	DUST HOUSE	Not Available	Not Applicable	Not Applicable	Not Applicable	
54	TRACTOR	Very Good	Not Applicable	Not Applicable	Not Applicable	
55	SECURITY LIGHT	Very Good	Not Applicable	Not Applicable	Not Applicable	
56	PROJECT VEHICLE	Good	Not Applicable	Not Applicable	Not Applicable	
57	MANAGER'S RESIDENCE	Not Available	Not Applicable	Not Applicable	Not Applicable	
58	TRUCK DRIVERS LODGE	Not Available	Not Applicable	Not Applicable	Not Applicable	
59	SECURITY STAFF LODGE	Not Available	Not Applicable	Not Applicable	Not Applicable	

Kaduna Silo Complex, Kaduna State						
SN	Equipment Description	Condition Grade	Faulty Component	Specification	Remedy Action	Cost of Replacement or Repairs
1	WEIGH BRIDGE	Poor	Load cell	50MT capacity scale	Replacement & Rehabilitation	N1.0M
2	INTAKE PIT	Poor	Inappropriate Auger/Electric motor	50MT/hr intake pit	Replacement of screw Auger with chain conveyor	N1.0m
3	CONTROL PANEL	Very Poor	Complete Panel Control System	Digital control panel	Complete replacement	N19m
4	GRAIN CLEANER	Very Good	Nil	Not Applicable	Not Applicable	
5	ELEVATORS	Very Good	Not Applicable	Not Applicable	Not Applicable	
6	GRAIN DRYER	Very Good	Not Applicable	Not Applicable	Not Applicable	
7	DRAG (CHAIN) CONVEYOR	Very Good	Not Applicable	Not Applicable	Not Applicable	
8	SILO BIN 1	Poor	Galvanized side wall Sheet, Aeration Fan & Temperature Probe	23 Sheets, Centrifugal Fan & Temperature Probe	Replacement	N800,000
9	SILO BIN 2	Poor	Roof, Aerators & Temperature Probe	Roof Sheets, Centrifugal Fan & Temperature Probe	Replacement	N800,000
10	SILO BIN 3	Poor	Roof, Aerators & Temperature Probe	Roof Sheets, Centrifugal Fan & Temperature Probe	Replacement	N800,000
11	SILO BIN 4	Poor	Roof, Aerators & Temperature Probe	Roof Sheets, Centrifugal Fan & Temperature Probe	Replacement	N800,000
12	SILO BIN 5	Poor	Roof, Aerators & Temperature Probe	Roof Sheets, Centrifugal Fan & Temperature Probe	Replacement	N800,000
13	SILO BIN 6	Good	Temperature Probe	Temperature Probe	Replacement	N600,000
14	SILO BIN 7	Good	Temperature Probe	Temperature Probe	Replacement	N600,000
15	SILO BIN 8	Good	Temperature Probe	Temperature Probe	Replacement	N600,000
16	SILO BIN 9	Good	Temperature Probe	Temperature Probe	Replacement	N600,000
17	SILO BIN 10	Good	Temperature Probe	Temperature Probe	Replacement	N600,000
18	SILO BIN 11	None				
19	SILO BIN 12	None				
20	SILO BIN 13	None				
21	SILO BIN 14	None				
22	SILO BIN 15	None				
23	SILO BIN 16	None				
24	SILO BIN 17	None				
25	SILO BIN 18	None				
26	SILO BIN 19	None				
27	SILO BIN 20	None				
28	HOSPITAL BIN 1	Good	Temperature Probe	Temperature Probe	Replacement	N600,000
29	HOSPITAL BIN 2	Good	Temperature Probe	Temperature Probe	Replacement	N600,000
30	TEMPERING BIN 1	Very Good	Not Applicable	Not Applicable	Not Applicable	
31	TEMPERING BIN 2	Very Good	Not Applicable	Not Applicable	Not Applicable	
32	BULK LOADING BIN	Very Good	Not Applicable	Not Applicable	Not Applicable	
33	BAGGING PLANT	Very Poor	No Bagging Plant & Industrial Sewing Machine not Provided	50MT/hr Bagging Plant and Industrial Sewing Machine	Replacement of 2 Nos Sewing Machine & Provision of bagging plant	N5.32M

Kaduna Silo Complex, Kaduna State						
SN	Equipment Description	Condition Grade	Faulty Component	Specification	Remedy Action	Cost of Replacement or Repairs
34	MOBILE CONVEYOR	Not Available	Not Applicable	Not Applicable	Provision	N750,000
35	WORKSHOP TOOLS	Good	Incomplete Mechanical & Electrical Workshop Tools	Welding Machine Grinding/Drilling Machine Pulley/Jack chain	Provision	N500,000
36	LABORATORY TOOLS	Good	Incomplete	Moisture meter Hectolitre Weight machine	Replacement	N600,000
37	BOREHOLE	Very Good	Not Applicable	Not Applicable	Not Applicable	
38	WATER TREATMENT PLANT	Not Available	Not Applicable	Not Applicable	Installation	N200,000
39	WATER HYDRANT	None	Not Applicable	Not Applicable	Not Applicable	N200,000
40	FIRE EXTINGUISHER	Poor	Incomplete & Expired	3kg, 12kg, 5kg, 10kg, 20kg	Provision & Refilling	N150,000
41	FUEL DEPOT	Never used	Not Applicable	Not Applicable	Not Applicable	
42	POWER SUPPLY (Main)	Very Good	Not Applicable	Not Applicable	Not Applicable	
43	GENERATOR	Very Good	Not Applicable	Not Applicable	Not Applicable	
44	ACCESS ROADS	Very Good	Not Applicable	Not Applicable	Not Applicable	
45	INTERNAL ROADS NETWORK	Very Good	Not Applicable	Not Applicable	Not Applicable	
46	INTERNAL DRAINAGE NETWORK	Very Good	Not Applicable	Not Applicable	Not Applicable	
47	WAREHOUSE	Good	Roof/Door & Electrical fittings	3 Nos. of Roof Sheets/ 4 Nos of window & Fittings	Replacement	N200,000
48	ADMINISTRATIVE BLOCK	Good	Windows, Face Board & Plumbing	4 Nos. of windows, ruptured pipes & face board 1*6*12	Replacement	N100,000
49	WORKSHOP BLOCK	Good	Electrical fittings, windows & doors	7 windows, 1 No. door & electrical fittings	Replacement	N100,000
50A	UTILITY BLOCK	Very Good	Not Applicable	Not Applicable	Not Applicable	
50B	UTILITY BLOCK	Fair	Windows & Electrical fittings	7 windows & all electrical fittings	Replacement	N100,000
51	SECURITY POST	Good	Facial Board	1Length of 1*6*12	Replacement	N50,000
52	FENCE	Very Good	Not Applicable	Not Applicable	Not Applicable	
53	DUST HOUSE	Not Available	Not Applicable	Not Applicable	Provision	N3.5M
54	TRACTOR	Not Available	Not Applicable	Not Applicable	Not Applicable	
55	SECURITY LIGHT	Poor	Security Light not Functioning	Not Available	Replacement	
56	PROJECT VEHICLE	Fair	Engine	Complete Engine	Replacement	N250,000
57	MANAGER'S RESIDENCE	Not Available	Not Applicable	Not Applicable	Not Applicable	
58	TRUCK DRIVERS LODGE	Not Available	Not Applicable	Not Applicable	Not Applicable	
59	SECURITY STAFF LODGE	Not Available	Not Applicable	Not Applicable	Not Applicable	

Kwali Silo Complex						
SN	Equipment Description	Condition Grade	Faulty Component	Specification	Remedy Action	Cost of Replacement or Repairs
1	WEIGH BRIDGE	Very Good	Not Applicable	Not Applicable	Not Applicable	
2	INTAKE PIT	Very Good	Not Applicable	Not Applicable	Not Applicable	
3	CONTROL PANEL	Good	Logic system	Logic	Repair	N200,000
4	GRAIN CLEANER	Fair	Aspirator	50mt/Hr	Replacement	N100,000
5	ELEVATORS	Very Good	Not Applicable	Not Applicable	Not Applicable	
6	GRAIN DRYER	Newly Installed	Not yet tested	Not Applicable	Not Applicable	
7	DRAW (CHAIN) CONVEYOR	Very Good	Not Applicable	Not Applicable	Not Applicable	
8	SILO BIN 1	Good	No Cat Hood Ladder	No Cat Hood Ladder	Installation	N50,000
9	SILO BIN 2	Good	No Cat Hood Ladder	No Cat Hood Ladder	Installation	N50,000
10	SILO BIN 3	Good	No Cat Hood Ladder	No Cat Hood Ladder	Installation	N50,000
11	SILO BIN 4	Good	No Cat Hood Ladder	No Cat Hood Ladder	Installation	N50,000
12	SILO BIN 5	Good	No Cat Hood Ladder	No Cat Hood Ladder	Installation	N50,000
13	SILO BIN 6	Good	No Cat Hood Ladder	No Cat Hood Ladder	Installation	N50,000
14	SILO BIN 7	Good	No Cat Hood Ladder	No Cat Hood Ladder	Installation	N50,000
15	SILO BIN 8	Good	No Cat Hood Ladder	No Cat Hood Ladder	Installation	N50,000
16	SILO BIN 9	Good	No Cat Hood Ladder	No Cat Hood Ladder	Installation	N50,000
17	SILO BIN 10	Good	No Cat Hood Ladder	No Cat Hood Ladder	Installation	N50,000
18	SILO BIN 11	Good	No Cat Hood Ladder	No Cat Hood Ladder	Installation	N50,000
19	SILO BIN 12	Good	No Cat Hood Ladder	No Cat Hood Ladder	Installation	N50,000
20	SILO BIN 13	Good	No Cat Hood Ladder	No Cat Hood Ladder	Installation	N50,000
21	SILO BIN 14	Good	No Cat Hood Ladder	No Cat Hood Ladder	Installation	N50,000
22	SILO BIN 15	Good	No Cat Hood Ladder	No Cat Hood Ladder	Installation	N50,000
23	SILO BIN 16	Good	No Cat Hood Ladder	No Cat Hood Ladder	Installation	N50,000
24	SILO BIN 17	Good	No Cat Hood Ladder	No Cat Hood Ladder	Installation	N50,000
25	SILO BIN 18	Good	No Cat Hood Ladder	No Cat Hood Ladder	Installation	N50,000
26	SILO BIN 19	Good	No Cat Hood Ladder	No Cat Hood Ladder	Installation	N50,000
27	SILO BIN 20	Good	No Cat Hood Ladder	No Cat Hood Ladder	Installation	N50,000
28	HOSPITAL BIN 1	Very Good	Not Applicable	Not Applicable	Not Applicable	
29	HOSPITAL BIN 2	Very Good	Not Applicable	Not Applicable	Not Applicable	
30	TEMPERING BIN 1	Very Good	Not Applicable	Not Applicable	Not Applicable	
31	TEMPERING BIN 2	Very Good	Not Applicable	Not Applicable	Not Applicable	

Kwali Silo Complex						
SN	Equipment Description	Condition Grade	Faulty Component	Specification	Remedy Action	Cost of Replacement or Repairs
32	BULK LOADING BIN	Very Good	Not Applicable	Not Applicable	Not Applicable	
33	BAGGING PLANT	Very Good	Not Applicable	Not Applicable	Not Applicable	
34	MOBILE CONVEYOR	Not Available	Not Applicable	Mobile Conveyor	Installation	N750,000
35	WORKSHOP TOOLS	Not Available	Not Applicable	Complete Set of Mechanical & Electrical Workshop Tools	Provision	N1000,000
36	LABORATORY TOOLS	Not Available	Not Applicable	Complete Basic Laboratory Tools	Provision	N1000,000
37	BOREHOLE	Very Good	Not Applicable	Not Applicable	Not Applicable	
38	WATER TREATMENT PLANT	Very Good	Not Applicable	Not Applicable	Not Applicable	
39	WATER HYDRANT	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
40	FIRE EXTINGUISHER	Not Available	Not Applicable	Not Applicable	Provision	N200,000
41	FUEL DEPOT	Not Available	Not Applicable	Not Applicable	Not Applicable	
42	POWER SUPPLY (Main)	Awaiting Installation	Not Applicable	Not Applicable	Installation	N500,000
43	GENERATOR	Very Good	Not Applicable	Not Applicable	Not Applicable	
44	ACCESS ROADS	Awaiting Construction	Not Applicable	L=500m & W=9m	Construction	N5.0M
45	INTERNAL ROADS NETWORK	Very Good	Not Applicable	Not Applicable	Not Applicable	
46	INTERNAL DRAINAGE NETWORK	Very Good	Not Applicable	Not Applicable	Not Applicable	
47	WAREHOUSE	Very Good	Not Applicable	Not Applicable	Not Applicable	
48	ADMINISTRATIVE BLOCK	Very Good	Not Applicable	Not Applicable	Not Applicable	
49	WORKSHOP BLOCK	Very Good	Not Applicable	Not Applicable	Not Applicable	
50	UTILITY BLOCK	Very Good	Not Applicable	Not Applicable	Not Applicable	
51	SECURITY POST	Not Available	Not Applicable	Not Applicable	Construction	
52	FENCE	Very Good	Not Applicable	Not Applicable	Not Applicable	
53	DUST HOUSE	Not Available	Not Applicable	Not Applicable	Not Applicable	
54	TRACTOR	Not Available	Not Applicable	Not Applicable	Not Applicable	
55	SECURITY LIGHT	Good	Not Applicable	Not Applicable	Not Applicable	
56	PROJECT VEHICLE	Not Available	Not Applicable	Not Applicable	Not Applicable	
57	MANAGER'S RESIDENCE	Very Good	Not Applicable	Not Applicable	Not Applicable	
58	TRUCK DRIVERS LODGE	Very Good	Not Applicable	Not Applicable	Not Applicable	
59	SECURITY STAFF LODGE	Very Good	Not Applicable	Not Applicable	Not Applicable	

Lafia Silo Complex, Nasarawa State						
SN	Equipment Description	Condition Grade	Faulty Component	Specification	Remedy Action	Cost of Replacement or Repairs
1	WEIGH BRIDGE	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
2	INTAKE PIT	Awaiting Installation	Not Applicable	Not Applicable	Installation	
3	CONTROL PANEL	Awaiting Installation	Not Applicable	Not Applicable	Installation	
4	GRAIN CLEANER	Awaiting Installation	Not Applicable	Not Applicable	Installation	
5	ELEVATORS	Awaiting Installation	Not Applicable	Not Applicable	Installation	
6	GRAIN DRYER	Awaiting Installation	Not Applicable	Not Applicable	Installation	
7	DRAG (CHAIN) CONVEYOR	Awaiting Installation	Not Applicable	Not Applicable	Installation	
8	SILO BIN 1	Installation On-going	Not Applicable	Not Applicable	Installation	
9	SILO BIN 2	Installation On-going	Not Applicable	Not Applicable	Installation	
10	SILO BIN 3	Installation On-going	Not Applicable	Not Applicable	Installation	
11	SILO BIN 4	Installation On-going	Not Applicable	Not Applicable	Installation	
12	SILO BIN 5	Installation On-going	Not Applicable	Not Applicable	Installation	
13	SILO BIN 6	Installation On-going	Not Applicable	Not Applicable	Installation	
14	SILO BIN 7	Installation On-going	Not Applicable	Not Applicable	Installation	
15	SILO BIN 8	Installation On-going	Not Applicable	Not Applicable	Installation	
16	SILO BIN 9	Installation On-going	Not Applicable	Not Applicable	Installation	
17	SILO BIN 10	Installation On-going	Not Applicable	Not Applicable	Installation	
18	SILO BIN 11	NONE				
19	SILO BIN 12	NONE				
20	SILO BIN 13	NONE				
21	SILO BIN 14	NONE				
22	SILO BIN 15	NONE				
23	SILO BIN 16	NONE				
24	SILO BIN 17	NONE				
25	SILO BIN 18	NONE				
26	SILO BIN 19	NONE				
27	SILO BIN 20	NONE				
28	HOSPITAL BIN 1	Installation On-going	Not Applicable	Not Applicable	Installation	
29	HOSPITAL BIN 2	Installation On-going	Not Applicable	Not Applicable	Installation	

Lafia Silo Complex, Nasarawa State						
SN	Equipment Description	Condition Grade	Faulty Component	Specification	Remedy Action	Cost of Replacement or Repairs
30	TEMPERING BIN 1	Installation On-going	Not Applicable	Not Applicable	Installation	
31	TEMPERING BIN 2	Installation On-going	Not Applicable	Not Applicable	Installation	
32	BULK LOADING BIN	Awaiting Installation	Not Applicable	Not Applicable	Installation	
33	BAGGING PLANT	Awaiting Installation	Not Applicable	Not Applicable	Installation	
34	MOBILE CONVEYOR	Awaiting Installation	Not Applicable	Not Applicable	Installation	
35	WORKSHOP TOOLS	Not Available	Not Applicable	Not Applicable	Provision	
36	LABORATORY TOOLS	Not Available	Not Applicable	Not Applicable	Provision	
37	BOREHOLE	Newly Constructed	Not Applicable	Not Applicable	Not Applicable	
38	WATER TREATMENT PLANT	Awaiting Installation	Not Applicable	Not Applicable	Installation	
39	WATER HYDRANT	Awaiting Installation	Not Applicable	Not Applicable	Installation	
40	FIRE EXTINGUISHER	Not Available	Not Applicable	Not Applicable	Provision	
41	FUEL DEPOT	Not Available	Not Applicable	Not Applicable	Not Applicable	
42	POWER SUPPLY (Main)	Awaiting Installation	Not Applicable	Not Applicable	Installation	
43	GENERATOR	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
44	ACCESS ROADS	Very Good	Not Applicable	Not Applicable	Not Applicable	
45	INTERNAL ROADS NETWORK	Very Good	Not Applicable	Not Applicable	Not Applicable	
46	INTERNAL DRAINAGE NETWORK	Construction On-going	Not Applicable	Not Applicable	Construction	
47	WAREHOUSE	Construction On-going	Not Applicable	Not Applicable	Construction	
48	ADMINISTRATIVE BLOCK	Construction On-going	Not Applicable	Not Applicable	Construction	
49	WORKSHOP BLOCK	Construction On-going	Not Applicable	Not Applicable	Construction	
50	UTILITY BLOCK	Construction On-going	Not Applicable	Not Applicable	Construction	
51	SECURITY POST	Construction On-going	Not Applicable	Not Applicable	Construction	
52	FENCE	Very Good	Not Applicable	Not Applicable	Not Applicable	
53	DUST HOUSE	Not Available	Not Applicable	Not Applicable	Not Applicable	
54	TRACTOR	Not Available	Not Applicable	Not Applicable	Not Applicable	
55	SECURITY LIGHT	Awaiting Installation	Not Applicable	Not Applicable	Installation	
56	PROJECT VEHICLE	Not Available	Not Applicable	Not Applicable	Not Applicable	
57	MANAGER'S RESIDENCE	Not Available	Not Applicable	Not Applicable	Not Applicable	
58	TRUCK DRIVERS LODGE	Construction On-going	Not Applicable	Not Applicable	Not Applicable	
59	SECURITY STAFF LODGE	Construction On-going	Not Applicable	Not Applicable	Not Applicable	

Lafiagi Silo Complex, Kwara State						
SN	Equipment Description	Condition Grade	Faulty Component	Specification	Remedy Action	Cost of Replacement or Repairs
1	WEIGH BRIDGE	Very Good	Not Applicable	Not Applicable	Not Applicable	
2	INTAKE PIT	Very Good	Not Applicable	Not Applicable	Not Applicable	
3	CONTROL PANEL	Very Good	Not Applicable	Not Applicable	Not Applicable	
4	GRAIN CLEANER	Very Good	Not Applicable	Not Applicable	Not Applicable	
5	ELEVATORS	Very Good	Not Applicable	Not Applicable	Required service	N20,000
6	GRAIN DRYER	Never Been Used	Not Applicable	Not Applicable	Not Applicable	
7	DRAG (CHAIN) CONVEYOR	Very Good	Not Applicable	Not Applicable	Require service due to idle	N20,000
8	SILO BIN 1	Very Good	Not Applicable	Not Applicable	Not Applicable	
9	SILO BIN 2	Very Good	Not Applicable	Not Applicable	Not Applicable	
10	SILO BIN 3	Very Good	Not Applicable	Not Applicable	Not Applicable	
11	SILO BIN 4	Very Good	Not Applicable	Not Applicable	Not Applicable	
12	SILO BIN 5	Very Good	Not Applicable	Not Applicable	Not Applicable	
13	SILO BIN 6	Very Good	Not Applicable	Not Applicable	Not Applicable	
14	SILO BIN 7	Very Good	Not Applicable	Not Applicable	Not Applicable	
15	SILO BIN 8	Very Good	Not Applicable	Not Applicable	Not Applicable	
16	SILO BIN 9	Very Good	Not Applicable	Not Applicable	Not Applicable	
17	SILO BIN 10	Very Good	Not Applicable	Not Applicable	Not Applicable	
18	SILO BIN 11	Very Good	Not Applicable	Not Applicable	Not Applicable	
19	SILO BIN 12	Very Good	Not Applicable	Not Applicable	Not Applicable	
20	SILO BIN 13	Very Good	Not Applicable	Not Applicable	Not Applicable	
21	SILO BIN 14	Very Good	Not Applicable	Not Applicable	Not Applicable	
22	SILO BIN 15	Very Good	Not Applicable	Not Applicable	Not Applicable	
23	SILO BIN 16	None				
24	SILO BIN 17	None				
25	SILO BIN 18	None				
26	SILO BIN 19	None				
27	SILO BIN 20	None				
28	HOSPITAL BIN 1	Very Good	Not Applicable	Not Applicable	Not Applicable	
29	HOSPITAL BIN 2	Very Good	Not Applicable	Not Applicable	Not Applicable	
30	TEMPERING BIN 1	Very Good	Not Applicable	Not Applicable	Not Applicable	
31	TEMPERING BIN 2	Very Good	Not Applicable	Not Applicable	Not Applicable	
31	TEMPERING BIN 3	Very Good	Not Applicable	Not Applicable	Not Applicable	
32	BULK LOADING BIN	Not Available	Not Applicable	Not Applicable	Not Applicable	
33	BAGGING PLANT	Poor	Industrial Sewing Machine not provided	Industrial Sewing Machine	Provision of 2 units of Industrial type	N3.62M

Lafiagi Silo Complex, Kwara State						
SN	Equipment Description	Condition Grade	Faulty Component	Specification	Remedy Action	Cost of Replacement or Repairs
34	MOBILE CONVEYOR	Poor	Electric motor & bearing with rollers are	100mt/hr Mobile Conveyor	Total Rehabilitation	N300,000
35	WORKSHOP TOOLS	Fair	Incomplete Tools	Complete Set of Tools	Provision for Complete Set of Tools	N400,000
36	LABORATORY TOOLS	Poor	Incomplete	Complete Basic Laboratory	Replacement & Provision	N600,000
37	BOREHOLE	Very Poor	Total Rehabilitation is Required.	Rehabilitation of Borehole.	Rehabilitation of borehole.	N500,000
38	WATER TREATMENT PLANT	Awaiting Installation	Not Applicable	Not Applicable	Installation	
39	WATER HYDRANT	Not Available	Not Applicable	Not Applicable	Provision	N250,000
40	FIRE EXTINGUISHER	Poor	Expired	5kg, 10kg, 3kg & 6kg. Powder, foam & liquid	Refilling	N150,000
41	FUEL DEPOT	Never Been Used	Not Applicable	Not Applicable	Not Applicable	
42	POWER SUPPLY (Main)	Very Poor	Not connected to National grid	Connection to National grid	Connection to National grid	N10.0M
43	GENERATOR	Poor	AVR & Faulty Alternator	1No. 400kva 1No. 35kva	Repair(over Haul)	N500,000
44	ACCESS ROADS	Poor	Un-tarred part of the road	Tarred Road	Tarring of the uncompleted portion	N800,000
45	INTERNAL ROADS NETWORK	INTERNAL ROADS NETWORK	Very Good	Not Applicable	Not Applicable	Not Applicable
46	INTERNAL DRAINAGE NETWORK	Very Good	Not Applicable	Not Applicable	Not Applicable	
47	WAREHOUSE	Good	Electrical & Mechanical Fittings	Electrical & Mechanical Fittings	Repairs	N100,000
48	ADMINISTRATIVE BLOCK	Good	Require painting	Internal & External walls	Re-painting	N100,000
49	WORKSHOP BLOCK	Good	Electrical & Mechanical fittings	Electrical & Mechanical fittings	Repairs	N100,000
50	UTILITY BLOCK	Not Available	Not Applicable	Not Applicable	Not Applicable	
51	SECURITY POST	Fair	Roof	Leakages	Repairs	N50,000
52	FENCE	Very Good	Not Applicable	Not Applicable	Not Applicable	
53	DUST HOUSE	Not Available	Not Applicable	Not Applicable	Not Applicable	
54	TRACTOR	Good	Engine, tyres, steering arms	Mf 375	Repair	N300,000
55	SECURITY LIGHT	Good	Bulbs	20-500 watts	Replacement	N50,000
56	PROJECT VEHICLE	Very Poor	Depreciated Beyond Economic Repairs	Toyota Hilux	Replacement	N6.0M
57	MANAGER'S RESIDENCE	Not Available	Not Applicable	Not Applicable	Not Applicable	
58	TRUCK DRIVERS LODGE	Not Available	Not Applicable	Not Applicable	Not Applicable	
59	SECURITY STAFF LODGE	Not Available	Not Applicable	Not Applicable	Not Applicable	

Lokoja Silo Complex, Lokoja State						
SN	Equipment Description	Condition Grade	Faulty Component	Specification	Remedy Action	Cost of Replacement or Repairs
1	WEIGH BRIDGE	Awaiting Installation	Not Applicable	Not Applicable	Installation	
2	INTAKE PIT	Construction On-going	Not Applicable	Not Applicable	Construction	
3	CONTROL PANEL	Awaiting Installation	Not Applicable	Not Applicable	Installation	
4	GRAIN CLEANER	Awaiting Installation	Not Applicable	Not Applicable	Installation	
5	ELEVATORS	Awaiting Installation	Not Applicable	Not Applicable	Installation	
6	GRAIN DRYER	Awaiting Installation	Not Applicable	Not Applicable	Installation	
7	DRAG (CHAIN) CONVEYOR	Installation On-going	Not Applicable	Not Applicable	Installation	
8	SILO BIN 1	Installation On-going	No Temperature Probes Internal & Roof Bin Ladder	Temperature Probes, Internal Ladder & Roof Bin Ladder.	Installation	
9	SILO BIN 2	Installation On-going	No Temperature Probes Internal & Roof Bin Ladder	Temperature Probes, Internal Ladder & Roof Bin Ladder.	Installation	
10	SILO BIN 3	Installation On-going	No Temperature Probes Internal & Roof Bin Ladder	Temperature Probes, Internal Ladder & Roof Bin Ladder.	Installation	
11	SILO BIN 4	Installation On-going	No Temperature Probes Internal & Roof Bin Ladder	Temperature Probes, Internal Ladder & Roof Bin Ladder.	Installation	
12	SILO BIN 5	Installation On-going	No Temperature Probes Internal & Roof Bin Ladder	Temperature Probes, Internal Ladder & Roof Bin Ladder.	Installation	
13	SILO BIN 6	Installation On-going	No Temperature Probes Internal & Roof Bin Ladder	Temperature Probes, Internal Ladder & Roof Bin Ladder.	Installation	
14	SILO BIN 7	Installation On-going	No Temperature Probes Internal & Roof Bin Ladder	Temperature Probes, Internal Ladder & Roof Bin Ladder.	Installation	
15	SILO BIN 8	Installation On-going	No Temperature Probes Internal & Roof Bin Ladder	Temperature Probes, Internal Ladder & Roof Bin Ladder.	Installation	
16	SILO BIN 9	Installation On-going	No Temperature Probes Internal & Roof Bin Ladder	Temperature Probes, Internal Ladder & Roof Bin Ladder.	Installation	
17	SILO BIN 10	Installation On-going	No Temperature Probes Internal & Roof Bin Ladder	Temperature Probes, Internal Ladder & Roof Bin Ladder.	Installation	
18	SILO BIN 11	None				
19	SILO BIN 12	None				
20	SILO BIN 13	None				
21	SILO BIN 14	None				
22	SILO BIN 15	None				
23	SILO BIN 16	None				
24	SILO BIN 17	None				
25	SILO BIN 18	None				
26	SILO BIN 19	None				
27	SILO BIN 20	None				
28	HOSPITAL BIN 1	Installation On-going	No Internal Ladder & Roof Bin Ladder	Internal Ladder & Roof Bin Ladder,	Installation	

Lokoja Silo Complex, Lokoja State						
SN	Equipment Description	Condition Grade	Faulty Component	Specification	Remedy Action	Cost of Replacement or Repairs
29	HOSPITAL BIN 2	Installation On-going	No Internal Ladder & Roof Bin Ladder	Internal Ladder & Roof Bin Ladder	Installation	
30	TEMPERING BIN 1	Installation On-going	No Internal Ladder & Roof Bin Ladder	Internal Ladder & Roof Bin Ladder	Installation	
31	TEMPERING BIN 2	Installation On-going	No Internal Ladder & Roof Bin Ladder	Internal Ladder & Roof Bin Ladder	Installation	
32	BULK LOADING BIN	Installation On-going	Not Applicable	Not Applicable	Installation	
33	BAGGING PLANT	Awaiting Installation	Not Applicable	Not Applicable	Installation	
34	MOBILE CONVEYOR	Awaiting Installation	Not Applicable	Not Applicable	Installation	
35	WORKSHOP TOOLS	Not Available	Not Applicable	Complete Set Of Mechanical & Electrical Workshop Tools	Provision	
36	LABORATORY TOOLS	Not Available	Not Applicable	Complete Basic Laboratory Tools	Provision	
37	BOREHOLE	Newly Constructed	Site not connected to Public Water Mains	Connection to Public Water Mains	Connection to public water supply	
38	WATER TREATMENT PLANT	Awaiting Installation	Not Applicable	Not Applicable	Installation	
39	WATER HYDRANT	Awaiting Installation	Not Applicable	Not Applicable	Installation	
40	FIRE EXTINGUISHER	Not Available	Not Applicable	Not Applicable	Provision	
41	FUEL DEPOT	Not Available	Not Applicable	Not Applicable	Not Applicable	
42	POWER SUPPLY (Main)	Awaiting Installation	Not Applicable	Not Applicable	Installation	
43	GENERATOR	Awaiting Installation	Not Applicable	Not Applicable	Installation	
44	ACCESS ROADS	Poor	Untarred Road	Tarred Road	Construction	
45	INTERNAL ROADS NETWORK	Awaiting Construction	Not Applicable	Not Applicable	Construction	
46	INTERNAL DRAINAGE NETWORK	Awaiting Construction	Not Applicable	Not Applicable	Construction	
47	WAREHOUSE	Construction On-going	Not Applicable	Not Applicable	Construction	
48	ADMINISTRATIVE BLOCK	Construction On-going	Not Applicable	Not Applicable	Construction	
49	WORKSHOP BLOCK	Construction On-going	Not Applicable	Not Applicable	Construction	
50	UTILITY BLOCK	Construction On-going	Not Applicable	Not Applicable	Construction	
51	SECURITY POST	Construction On-going	Not Applicable	Not Applicable	Construction	
52	FENCE	Construction On-going	Not Applicable	Not Applicable	Construction	
53	DUST HOUSE	Not Available	Not Applicable	Not Applicable	Not Applicable	
54	TRACTOR	Not Available	Not Applicable	Not Applicable	Not Applicable	
55	SECURITY LIGHT	Awaiting Installation	Not Applicable	Not Applicable	Installation	
56	PROJECT VEHICLE	Not Available	Not Applicable	Not Applicable	Not Applicable	
57	MANAGER'S RESIDENCE	Not Available	Not Applicable	Not Applicable	Not Applicable	
58	TRUCK DRIVERS LODGE	Construction On-going	Not Applicable	Not Applicable	Construction	
59	SECURITY STAFF LODGE	Construction On-going	Not Applicable	Not Applicable	Construction	

Makurdi Silo Complex, Benue State						
SN	Equipment Description	Condition Grade	Faulty Component	Specification	Remedy Action	Cost of Replacement or Repairs
1	WEIGH BRIDGE	Very Good	Not Applicable	Not Applicable	Not Applicable	
2	INTAKE PIT	Very Good	Not Applicable	Not Applicable	Not Applicable	
3	CONTROL PANEL	Very Good	Not Applicable	Not Applicable	Not Applicable	
4	GRAIN CLEANER	Very Good	Not Applicable	Not Applicable	Not Applicable	
5	ELEVATORS	Good	Seepage	Civil Works	Provision of Submersible Pump	N100,000
6	GRAIN DRYER	Never Been Used	Not Applicable	Not Applicable	Not Applicable	
7	DRAG (CHAIN) CONVEYOR	Very Good	Not Applicable	Not Applicable	Not Applicable	
8	SILO BIN 1	Good	Temperature Probe	Thermocouple	Replacement	N600,000
9	SILO BIN 2	Good	Temperature Probe	Thermocouple	Replacement	N600,000
10	SILO BIN 3	Good	Temperature Probe	Thermocouple	Replacement	N600,000
11	SILO BIN 4	Good	Temperature Probe	Thermocouple	Replacement	N600,000
12	SILO BIN 5	Good	Temperature Probe	Thermocouple	Replacement	N600,000
13	SILO BIN 6	Good	Temperature Probe	Thermocouple	Replacement	N600,000
14	SILO BIN 7	Good	Temperature Probe	Thermocouple	Replacement	N600,000
15	SILO BIN 8	Good	Temperature Probe	Thermocouple	Replacement	N600,000
16	SILO BIN 9	Good	Temperature Probe	Thermocouple	Replacement	N600,000
17	SILO BIN 10	Good	Temperature Probe	Thermocouple	Replacement	N600,000
18	SILO BIN 11	None				
19	SILO BIN 12	None				
20	SILO BIN 13	None				
21	SILO BIN 14	None				
22	SILO BIN 15	None				
23	SILO BIN 16	None				
24	SILO BIN 17	None				
25	SILO BIN 18	None				
26	SILO BIN 19	None				
27	SILO BIN 20	None				
28	HOSPITAL BIN 1	Very Good	Not Applicable	Not Applicable	Not Applicable	
29	HOSPITAL BIN 2	Very Good	Not Applicable	Not Applicable	Not Applicable	
30	TEMPERING BIN 1	Very Good	Not Applicable	Not Applicable	Not Applicable	

Makurdi Silo Complex, Benue State						
SN	Equipment Description	Condition Grade	Faulty Component	Specification	Remedy Action	Cost of Replacement or Repairs
31	TEMPERING BIN 2	Very Good	Not Applicable	Not Applicable	Not Applicable	
32	BULK LOADING BIN	Very Good	Not Applicable	Not Applicable	Not Applicable	
33	BAGGING PLANT	Poor	Industrial Sewing Machine not provided	Industrial Sewing Machine	Provision	N3.62M
34	MOBILE CONVEYOR	Not Available	Not Applicable	Not Applicable	Provision	N750,000
35	WORKSHOP TOOLS	Good	Incomplete	Complete Tool Box	Replacement of Missing Tools	N150,000
36	LABORATORY TOOLS	Very Good	Not Applicable	Not Applicable	Not Applicable	
37	BOREHOLE	Good				
38	WATER TREATMENT PLANT	Not Available	Not Applicable	Not Applicable	Provision	N250,000
39	WATER HYDRANT	Very Good	Not Applicable	Not Applicable	Not Applicable	
40	FIRE EXTINGUISHER	Fair	Expired	Not Applicable	Refilled	N150,000
41	FUEL DEPOT	Never Been Used	Not Applicable	Not Applicable	Not Applicable	
42	POWER SUPPLY (Main)	Very Good	Not Applicable	Not Applicable	Not Applicable	
43	GENERATOR	Very Good	Not Applicable	Not Applicable	Not Applicable	
44	ACCESS ROADS	Very Good	Not Applicable	Not Applicable	Not Applicable	
45	INTERNAL ROADS NETWORK	Very Good	Not Applicable	Not Applicable	Not Applicable	
46	INTERNAL DRAINAGE NETWORK	Good	Civil Works	Civil Works	Repairs	N100,000
47	WAREHOUSE	Good	Surface cracks	Civil Works	Renovation	N50,000
48	ADMINISTRATIVE BLOCK	Good	Surface cracks	Civil Works	Renovation	N50,000
49	WORKSHOP BLOCK	Good	Surface cracks	Civil Works	Renovation	N50,000
50	UTILITY BLOCK	Very Good	Not Applicable	Not Applicable	Not Applicable	
51	SECURITY POST	Very Good	Not Applicable	Not Applicable	Not Applicable	
52	FENCE	Very Good	Not Applicable	Not Applicable	Not Applicable	
53	DUST HOUSE	Not Available	Not Applicable	Not Applicable	Not Applicable	
54	TRACTOR	Good	Tyres	Tyres	Replacement	N100,000
55	SECURITY LIGHT	Very Good	Not Applicable	Not Applicable	Not Applicable	
56	PROJECT VEHICLE	Good	Engine	Engine	Replacement	N150,000
57	MANAGER'S RESIDENCE	Not Available	Not Applicable	Not Applicable	Not Applicable	
58	TRUCK DRIVERS LODGE	Not Available	Not Applicable	Not Applicable	Not Applicable	
59	SECURITY STAFF LODGE	Not Available	Not Applicable	Not Applicable	Not Applicable	

Minna Silo Complex, Niger State						
SN	Equipment Description	Condition Grade	Faulty Component	Specification	Remedy Action	Cost of Replacement or Repairs
1	WEIGH BRIDGE	Very Good	Not Applicable	Not Applicable	Not Applicable	
2	INTAKE PIT	Very Good	Not Applicable	Not Applicable	Not Applicable	
3	CONTROL PANEL	Very Good	Not Applicable	Not Applicable	Not Applicable	
4	GRAIN CLEANER	Very Good	Not Applicable	Not Applicable	Not Applicable	
5	ELEVATORS	Very Good	Not Applicable	Not Applicable	Not Applicable	
6	GRAIN DRYER	Never Been used	Not Applicable	Not Applicable	Not Applicable	
7	DRAG (CHAIN) CONVEYOR	Very Good	Not Applicable	Not Applicable	Not Applicable	
8	SILO BIN 1	Good	Temperature Probe	Temperature Probe	Provision	N600,000
9	SILO BIN 2	Good	Temperature Probe	Temperature Probe	Provision	N600,000
10	SILO BIN 3	Good	Temperature Probe	Temperature Probe	Provision	N600,000
11	SILO BIN 4	Good	Temperature Probe	Temperature Probe	Provision	N600,000
12	SILO BIN 5	Good	Temperature Probe	Temperature Probe	Provision	N600,000
13	SILO BIN 6	Good	Temperature Probe and Roof leakage	Temperature Probe - Roof	Provision and Repair	N600,000
14	SILO BIN 7	Good	Temperature Probe	Temperature Probe	Provision	N600,000
15	SILO BIN 8	Good	Temperature Probe	Temperature Probe	Provision	N600,000
16	SILO BIN 9	Good	Temperature Probe	Temperature Probe - Roof	Provision and Repair	N600,000
17	SILO BIN 10	Good	Temperature Probe	Temperature Probe - Roof	Provision and Repair	N600,000
18	SILO BIN 11	None				
19	SILO BIN 12	None				
20	SILO BIN 13	None				
21	SILO BIN 14	None				
22	SILO BIN 15	None				
23	SILO BIN 16	None				
24	SILO BIN 17	None				
25	SILO BIN 18	None				
26	SILO BIN 19	None				
27	SILO BIN 20	None				
28	HOSPITAL BIN 1	Very Good	Not Applicable	Not Applicable	Not Applicable	
29	HOSPITAL BIN 2	Very Good	Not Applicable	Not Applicable	Not Applicable	
30	TEMPERING BIN 1	Very Good	Not Applicable	Not Applicable	Not Applicable	
31	TEMPERING BIN 2	Very Good	Not Applicable	Not Applicable	Not Applicable	

Minna Silo Complex, Niger State						
SN	Equipment Description	Condition Grade	Faulty Component	Specification	Remedy Action	Cost of Replacement or Repairs
32	BULK LOADING BIN	Very Good	Not Applicable	Not Applicable	Not Applicable	
33	BAGGING PLANT	Good	Electric motor	3HP	Replacement	N50,000
34	MOBILE CONVEYOR	Very Good	Not Applicable	Not Applicable	Not Applicable	
35	WORKSHOP TOOLS	Good	Incomplete Tools	Complete Tools	Replacement	N150,000
36	LABORATORY TOOLS	Good	Incomplete Lab Tools	Complete Tools	Replacement	N100,000
37	BOREHOLE	Very Good	Not Applicable	Not Applicable	Not Applicable	
38	WATER TREATMENT PLANT	Not Available	Not Applicable	Not Applicable	Installation	N200,000
39	WATER HYDRANT	Fair	Hose	Perforated Hose	Replacement	N100,000
40	FIRE EXTINGUISHER	Poor	All expired	3kg,5kg,10kg	Refill	N150,000
41	FUEL DEPOT	Never Been Used	Not Applicable	Not Applicable	Not Applicable	
42	POWER SUPPLY (Main)	Very Good	Not Applicable	Not Applicable	Not Applicable	
43	GENERATOR	Very Good	Not Applicable	Not Applicable	Not Applicable	
44	ACCESS ROADS	Very Good	Not Applicable	Not Applicable	Not Applicable	
45	INTERNAL ROADS NETWORK	Very Good	Not Applicable	Not Applicable	Not Applicable	
46	INTERNAL DRAINAGE NETWORK	Fair	Side walls	200m	Rehabilitation	N200,000
47	WAREHOUSE	Good	Roof	Leakage	Rehabilitation	N150,000
48	ADMINISTRATIVE BLOCK	Very Good	Not Applicable	Not Applicable	Not Applicable	
49	WORKSHOP BLOCK	Very Good	Not Applicable	Not Applicable	Not Applicable	
50	UTILITY BLOCK	Very Good	Not Applicable	Not Applicable	Not Applicable	
51	SECURITY POST	Very Good	Not Applicable	Not Applicable	Not Applicable	
52	FENCE	Very Good	Not Applicable	Not Applicable	Not Applicable	
53	DUST HOUSE	Not Available	Not Applicable	Not Applicable	Not Applicable	
54	TRACTOR	Very Good	Not Applicable	Not Applicable	Not Applicable	
55	SECURITY LIGHT	Poor	Electrical Lamps/Fittings	Electrical Lamps/Fittings	Replacement	N100,000
56	PROJECT VEHICLE	Very Good	Not Applicable	Not Applicable	Not Applicable	
57	MANAGER'S RESIDENCE	Not Available	Not Applicable	Not Applicable	Not Applicable	
58	TRUCK DRIVERS LODGE	Not Available	Not Applicable	Not Applicable	Not Applicable	
59	SECURITY STAFF LODGE	Not Available	Not Applicable	Not Applicable	Not Applicable	

Ogoja Silo Complex, Cross River State						
SN	Equipment Description	Condition Grade	Faulty Component	Specification	Remedy Action	Cost of Replacement or Repairs
1	WEIGH BRIDGE	Very Good	Not Applicable	Not Applicable	Not Applicable	
2	INTAKE PIT	Very Good	Not Applicable	Not Applicable	Not Applicable	
3	CONTROL PANEL	Very Good	Not Applicable	Not Applicable	Not Applicable	
4	GRAIN CLEANER	Very Good	Not Applicable	Not Applicable	Not Applicable	
5	ELEVATORS	Very Good	Not Applicable	Not Applicable	Not Applicable	
6	GRAIN DRYER	Never Been Used	Not Applicable	Not Applicable	Not Applicable	
7	DRAG (CHAIN) CONVEYOR	Very Good	Not Applicable	Not Applicable	Not Applicable	
8	SILO BIN 1	Very Good	Not Applicable	Not Applicable	Not Applicable	
9	SILO BIN 2	Very Good	Not Applicable	Not Applicable	Not Applicable	
10	SILO BIN 3	Very Good	Not Applicable	Not Applicable	Not Applicable	
11	SILO BIN 4	Very Good	Not Applicable	Not Applicable	Not Applicable	
12	SILO BIN 5	Very Good	Not Applicable	Not Applicable	Not Applicable	
13	SILO BIN 6	Very Good	Not Applicable	Not Applicable	Not Applicable	
14	SILO BIN 7	Very Good	Not Applicable	Not Applicable	Not Applicable	
15	SILO BIN 8	Very Good	Not Applicable	Not Applicable	Not Applicable	
16	SILO BIN 9	Very Good	Not Applicable	Not Applicable	Not Applicable	
17	SILO BIN 10	Very Good	Not Applicable	Not Applicable	Not Applicable	
18	SILO BIN 11	None				
19	SILO BIN 12	None				
20	SILO BIN 13	None				
21	SILO BIN 14	None				
22	SILO BIN 15	None				
23	SILO BIN 16	None				
24	SILO BIN 17	None				
25	SILO BIN 18	None				
26	SILO BIN 19	None				
27	SILO BIN 20	None				
28	HOSPITAL BIN 1	Good	Conveyor electric motor	5Hp	Replacement	N100,000
29	HOSPITAL BIN 2	Good	Conveyor electric motor	5Hp	One electric motor serves (1&2)	N70,000

Ogoja Silo Complex, Cross River State						
SN	Equipment Description	Condition Grade	Faulty Component	Specification	Remedy Action	Cost of Replacement or Repairs
30	TEMPERING BIN 1	Very Good	Not Applicable	Not Applicable	Not Applicable	
31	TEMPERING BIN 2	Very Good	Not Applicable	Not Applicable	Not Applicable	
32	BULK LOADING BIN	Very Good	Not Applicable	Not Applicable	Not Applicable	
33	BAGGING PLANT	Fair	No Industrial Sewing system	Industrial Sewing system	Replacement	N3.62m
34	MOBILE CONVEYOR	Not Available	Not Applicable	Not Applicable	Provision	N750,000
35	WORKSHOP TOOLS	Poor	Not Applicable	Complete Set of mechanical & electrical Tools	provision	N500,000
36	LABORATORY TOOLS	Very Good	Not Applicable	Not Applicable	Not Applicable	
37	BOREHOLE	Poor	Borehole not working properly	Pump	Repair or replace pump	N200,000
38	WATER TREATMENT PLANT	None	Not Applicable	Not Applicable	Not Applicable	
39	WATER HYDRANT	Good	Hose	Perforated	Replacement	N100,000
40	FIRE EXTINGUISHER	Poor	All expired	3kg, 5kg, 9kg	Replacement	N100,000
41	FUEL DEPOT	Never Been Used	Not Applicable	Not Applicable	Not Applicable	
42	POWER SUPPLY (Main)	Very Good	Not Applicable	Not Applicable	Not Applicable	
43	GENERATOR	Good	250kva, 500kva	250kva, 500kva	Repairs	N50,000
44	ACCESS ROADS	Very Good	Not Applicable	Not Applicable	Not Applicable	
45	INTERNAL ROADS NETWORK	Very Good	Not Applicable	Not Applicable	Not Applicable	
46	INTERNAL DRAINAGE NETWORK	Very Good	Not Applicable	Not Applicable	Not Applicable	
47	WAREHOUSE	Fair	Roof	Leaking Roof	Rehabilitation	N75,000
48	ADMINISTRATIVE BLOCK	Fair	Roof	Leaking Roof	Rehabilitation	N75,000
49	WORKSHOP BLOCK	Very Good	Not Applicable	Not Applicable	Not Applicable	
50	UTILITY BLOCK	Very Good	Not Applicable	Not Applicable	Not Applicable	
51	SECURITY POST	Very Good	Not Applicable	Not Applicable	Not Applicable	N2.0m
52	FENCE	Fair	Portions	50 metres collapsed fence	Re-construction	N1.0m
53	DUST HOUSE	Not Available	Not Applicable	Not Applicable	Not Applicable	
54	TRACTOR	Very Good	Not Applicable	Not Applicable	Not Applicable	
55	SECURITY LIGHT	Poor	Halogen bulb/other fitting	20-500 watts	Replacement	
56	PROJECT VEHICLE	Very Good	Not Applicable	Not Applicable	Not Applicable	
57	MANAGER'S RESIDENCE	Not Available	Not Applicable	Not Applicable	Not Applicable	
58	TRUCK DRIVERS LODGE	Not Available	Not Applicable	Not Applicable	Not Applicable	
59	SECURITY STAFF LODGE	Not Available	Not Applicable	Not Applicable	Not Applicable	

Okigwe Silo Complex, Imo State						
SN	Equipment Description	Condition Grade	Faulty Component	Specification	Remedy Action	Cost of Replacement or Repairs
1	WEIGH BRIDGE	Awaiting Installation	Not Applicable	Not Applicable	Installation	
2	INTAKE PIT	Awaiting Installation	Not Applicable	Not Applicable	Installation	
3	CONTROL PANEL	Awaiting Installation	Not Applicable	Not Applicable	Installation	
4	GRAIN CLEANER	Awaiting Installation	Not Applicable	Not Applicable	Installation	
5	ELEVATORS	Awaiting Installation	Not Applicable	Not Applicable	Installation	
6	GRAIN DRYER	Awaiting Installation	Not Applicable	Not Applicable	Installation	
7	DRAG (CHAIN) CONVEYOR	Awaiting Installation	Not Applicable	Not Applicable	Installation	
8	SILO BIN 1	Installation On-going	Not Applicable	Not Applicable	Installation	
9	SILO BIN 2	Installation On-going	Not Applicable	Not Applicable	Installation	
10	SILO BIN 3	Installation On-going	Not Applicable	Not Applicable	Installation	
11	SILO BIN 4	Installation On-going	Not Applicable	Not Applicable	Installation	
12	SILO BIN 5	Installation On-going	Not Applicable	Not Applicable	Installation	
13	SILO BIN 6	Installation On-going	Not Applicable	Not Applicable	Installation	
14	SILO BIN 7	Installation On-going	Not Applicable	Not Applicable	Installation	
15	SILO BIN 8	Installation On-going	Not Applicable	Not Applicable	Installation	
16	SILO BIN 9	Installation On-going	Not Applicable	Not Applicable	Installation	
17	SILO BIN 10	Installation On-going	Not Applicable	Not Applicable	Installation	
18	SILO BIN 11	Installation On-going	Not Applicable	Not Applicable	Installation	
19	SILO BIN 12	Installation On-going	Not Applicable	Not Applicable	Installation	
20	SILO BIN 13	Installation On-going	Not Applicable	Not Applicable	Installation	
21	SILO BIN 14	Installation On-going	Not Applicable	Not Applicable	Installation	
22	SILO BIN 15	Installation On-going	Not Applicable	Not Applicable	Installation	
23	SILO BIN 16	Installation On-going	Not Applicable	Not Applicable	Installation	
24	SILO BIN 17	Installation On-going	Not Applicable	Not Applicable	Installation	
25	SILO BIN 18	Installation On-going	Not Applicable	Not Applicable	Installation	
26	SILO BIN 19	Installation On-going	Not Applicable	Not Applicable	Installation	
27	SILO BIN 20	Installation On-going	Not Applicable	Not Applicable	Installation	
28	HOSPITAL BIN 1	Awaiting Installation	Not Applicable	Not Applicable	Not Applicable	
29	HOSPITAL BIN 2	Awaiting Installation	Not Applicable	Not Applicable	Not Applicable	
30	TEMPERING BIN 1	Awaiting Installation	Not Applicable	Not Applicable	Not Applicable	
31	TEMPERING BIN 2	Awaiting Installation	Not Applicable	Not Applicable	Not Applicable	
32	BULK LOADING BIN	Awaiting Installation	Not Applicable	Not Applicable	Not Applicable	
33	BAGGING PLANT	Awaiting Installation	Not Applicable	Not Applicable	Not Applicable	
34	MOBILE CONVEYOR	Awaiting Installation	Not Applicable	Not Applicable	Not Applicable	

Okigwe Silo Complex, Imo State						
SN	Equipment Description	Condition Grade	Faulty Component	Specification	Remedy Action	Cost of Replacement or Repairs
35	WORKSHOP TOOLS	Not Available	Not Applicable	Complete Set of Mechanical & Electrical Workshop Tools	Not Applicable	
36	LABORATORY TOOLS	Not Available	Not Applicable	Complete Basic Laboratory Tools	Not Applicable	
37	BOREHOLE	Awaiting Installation of Borehole/Public Water Mains	Not Applicable	Not Applicable	Not Applicable	
38	WATER TREATMENT PLANT	Awaiting Installation	Not Applicable	Not Applicable	Not Applicable	
39	WATER HYDRANT	Awaiting Installation	Not Applicable	Not Applicable	Not Applicable	
40	FIRE EXTINGUISHER	Not Available	Not Applicable	Not Applicable	Provision	
41	FUEL DEPOT	Awaiting Installation	Not Applicable	Not Applicable	Not Applicable	
42	POWER SUPPLY (Main)	Awaiting Installation	Not Applicable	Not Applicable	Installation	
43	GENERATOR	Awaiting Installation	Not Applicable	Not Applicable	Installation	
44	ACCESS ROADS	Construction On-going	Not Applicable	Not Applicable	Construction	
45	INTERNAL ROADS NETWORK	Construction On-going	Not Applicable	Not Applicable	Construction	
46	INTERNAL DRAINAGE NETWORK	Construction On-going	Not Applicable	Not Applicable	Construction	
47	WAREHOUSE	Construction On-going	Not Applicable	Not Applicable	Construction	
48	ADMINISTRATIVE BLOCK	Construction On-going	Not Applicable	Not Applicable	Construction	
49	WORKSHOP BLOCK	Construction On-going	Not Applicable	Not Applicable	Construction	
50	UTILITY BLOCK	Construction On-going	Not Applicable	Not Applicable	Construction	
51	SECURITY POST	Construction On-going	Not Applicable	Not Applicable	Construction	
52	FENCE	Construction On-going	Not Applicable	Not Applicable	Construction	
53	DUST HOUSE	None	Not Applicable	Not Applicable	Construction	
54	TRACTOR	Not Available	Not Applicable	Not Applicable	Not Applicable	
55	SECURITY LIGHT	Awaiting Installation	Not Applicable	Not Applicable	Installation	
56	PROJECT VEHICLE	Not Available	Not Applicable	Not Applicable	Not Applicable	
57	MANAGER'S RESIDENCE	Not Available	Not Applicable	Not Applicable	Not Applicable	
58	TRUCK DRIVERS LODGE	Construction On-going	Not Applicable	Not Applicable	Construction	
59	SECURITY STAFF LODGE	Construction On-going	Not Applicable	Not Applicable	Construction	

Sokoto Silo Complex, Sokoto State						
SN	Equipment Description	Condition Grade	Faulty Component	Specification	Remedy Action	Cost of Replacement or Repairs
1	WEIGH BRIDGE	Very Good	Not Applicable	Not Applicable	Not Applicable	
2	INTAKE PIT	Very Good	Not Applicable	Not Applicable	Not Applicable	
3	CONTROL PANEL	Very Good	Not Applicable	Not Applicable	Not Applicable	
4	GRAIN CLEANER	Very Good	Not Applicable	Not Applicable	Not Applicable	
5	ELEVATORS	Very Good	Not Applicable	Not Applicable	Not Applicable	
6	GRAIN DRYER	Never Been Used	Not Applicable	Not Applicable	Not Applicable	
7	DRAG (CHAIN) CONVEYOR	Very Good	Not Applicable	Not Applicable	Not Applicable	
8	SILO BIN 1	Good	No Roof Cat Ladder	Roof Cat Ladder	Provision	N200,000
9	SILO BIN 2	Good	No Roof Cat Ladder	Roof Cat Ladder	Provision	N200,000
10	SILO BIN 3	Good	No Roof Cat Ladder	Roof Cat Ladder	Provision	N200,000
11	SILO BIN 4	Good	No Roof Cat Ladder	Roof Cat Ladder	Provision	N200,000
12	SILO BIN 5	Good	No Roof Cat Ladder	Roof Cat Ladder	Provision	N200,000
13	SILO BIN 6	Good	No Roof Cat Ladder	Roof Cat Ladder	Provision	N200,000
14	SILO BIN 7	Good	No Roof Cat Ladder	Roof Cat Ladder	Provision	N200,000
15	SILO BIN 8	Good	No Roof Cat Ladder	Roof Cat Ladder	Provision	N200,000
16	SILO BIN 9	Good	No Roof Cat Ladder	Roof Cat Ladder	Provision	N200,000
17	SILO BIN 10	Good	No Roof Cat Ladder	Roof Cat Ladder	Provision	N200,000
18	SILO BIN 11	None				
19	SILO BIN 12	None				
20	SILO BIN 13	None				
21	SILO BIN 14	None				
22	SILO BIN 15	None				
23	SILO BIN 16	None				
24	SILO BIN 17	None				
25	SILO BIN 18	None				
26	SILO BIN 19	None				
27	SILO BIN 20	None				
28	HOSPITAL BIN 1	Very Good	Not Applicable	Not Applicable	Not Applicable	
29	HOSPITAL BIN 2	Very Good	Not Applicable	Not Applicable	Not Applicable	
30	TEMPERING BIN 1	Very Good	Not Applicable	Not Applicable	Not Applicable	
31	TEMPERING BIN 2	Very Good	Not Applicable	Not Applicable	Not Applicable	

Sokoto Silo Complex, Sokoto State						
SN	Equipment Description	Condition Grade	Faulty Component	Specification	Remedy Action	Cost of Replacement or Repairs
32	BULK LOADING BIN	Very Good	Not Applicable	Not Applicable	Not Applicable	
33	BAGGING PLANT	Very Good	Not Applicable	Not Applicable	Not Applicable	
34	MOBILE CONVEYOR	Very Good	Not Applicable	Not Applicable	Not Applicable	
35	WORKSHOP TOOLS	Poor	Incomplete Set of Tools	Complete Set of Tools	Provision	N400,000
36	LABORATORY TOOLS	Fair	Incomplete Set of Laboratory Tools	Complete Set of Laboratory Equipment	Provision	N600,000
37	BOREHOLE	Very Good	Not Applicable	Not Applicable	Not Applicable	
38	WATER TREATMENT PLANT	Very Good	Not Applicable	Not Applicable	Not Applicable	
39	WATER HYDRANT	Very Good	Not Applicable	Not Applicable	Not Applicable	
40	FIRE EXTINGUISHER	Not Available	Not Applicable	3kg,5kg,6kg &10kg. Powder, Foam & Liquid	Provision	N250,000
41	FUEL DEPOT	Never Been Used	Not Applicable	Not Applicable	Not Applicable	
42	POWER SUPPLY (Main)	Very Good	Not Applicable	Not Applicable	Not Applicable	
43	GENERATOR	Very Good	Not Applicable	Not Applicable	Not Applicable	
44	ACCESS ROADS	Very Good	Not Applicable	Not Applicable	Not Applicable	
45	INTERNAL ROADS NETWORK	Very Good	Not Applicable	Not Applicable	Not Applicable	
46	INTERNAL DRAINAGE NETWORK	Very Good	Not Applicable	Not Applicable	Not Applicable	
47	WAREHOUSE	Good	Wall	Leakage surface crack	Rehabilitation	N400,000
48	ADMINISTRATIVE BLOCK	Good	Cracks	Surface Cracks	Remedial Work	N25,000
49	WORKSHOP BLOCK	Very Good	Not Applicable	Not Applicable	Not Applicable	
50	UTILITY BLOCK	Very Good	Not Applicable	Not Applicable	Not Applicable	
51	SECURITY POST	Very Good	Not Applicable	Not Applicable	Not Applicable	
52	FENCE	Very Good	Not Applicable	Not Applicable	Not Applicable	
53	DUST HOUSE	Not Available	Not Applicable	Not Applicable	Not Applicable	
54	TRACTOR	Not Available	Not Applicable	Not Applicable	Not Applicable	
55	SECURITY LIGHT	Very Good	Not Applicable	Not Applicable	Not Applicable	
56	PROJECT VEHICLE	Not Available	Not Applicable	Not Applicable	Not Applicable	
57	MANAGER'S RESIDENCE	Not Available	Not Applicable	Not Applicable	Not Applicable	
58	TRUCK DRIVERS LODGE	Very Good	Not Applicable	Not Applicable	Not Applicable	
59	SECURITY STAFF LODGE	Very Good	Not Applicable	Not Applicable	Not Applicable	

Uyo Silo Complex						
SN	Equipment Description	Condition Grade	Faulty Component	Specification	Remedy Action	Cost of Replacement or Repairs
1	WEIGH BRIDGE	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
2	INTAKE PIT	Awaiting Installation	Not Applicable	Not Applicable	Installation	
3	CONTROL PANEL	Awaiting Installation	Not Applicable	Not Applicable	Installation	
4	GRAIN CLEANER	Awaiting Installation	Not Applicable	Not Applicable	Installation	
5	ELEVATORS					
6	GRAIN DRYER	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
7	DRAG (CHAIN) CONVEYOR	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
8	SILO BIN 1	Good	A plate of Galvanized Sheet	1 No Galvanized Sheet	Replacement	
9	SILO BIN 2	Very Good	Nil	Not Applicable	Not Applicable	
10	SILO BIN 3	Very Good	Nil	Not Applicable	Not Applicable	
11	SILO BIN 4	Very Good	Nil	Not Applicable	Not Applicable	
12	SILO BIN 5	Good	1 No. plate of Galvanized Sheet	1 No. Galvanized Sheet	Replacement	
13	SILO BIN 6	Very Good	Nil	Not Applicable	Not Applicable	
14	SILO BIN 7	Very Good	Nil	Not Applicable	Not Applicable	
15	SILO BIN 8	Very Good	Nil	Not Applicable	Not Applicable	
16	SILO BIN 9	Very Good	Nil	Not Applicable	Not Applicable	
17	SILO BIN 10	Very Good	Nil	Not Applicable	Not Applicable	
18	SILO BIN 11	None				
19	SILO BIN 12	None				
20	SILO BIN 13	None				
21	SILO BIN 14	None				
22	SILO BIN 15	None				
23	SILO BIN 16	None				
24	SILO BIN 17	None				
25	SILO BIN 18	None				
26	SILO BIN 19	None				
27	SILO BIN 20	None				
28	HOSPITAL BIN 1	Very Good	Not Applicable	Not Applicable	Not Applicable	
29	HOSPITAL BIN 2	Very Good	Not Applicable	Not Applicable	Not Applicable	
30	TEMPERING BIN 1	Very Good	Not Applicable	Not Applicable	Not Applicable	
31	TEMPERING BIN 2	Very Good	Not Applicable	Not Applicable	Not Applicable	
32	BULK LOADING BIN	Newly Installed	Not Applicable	Not Applicable	Not Applicable	

Uyo Silo Complex						
SN	Equipment Description	Condition Grade	Faulty Component	Specification	Remedy Action	Cost of Replacement or Repairs
33	BAGGING PLANT	Installation On-going	Handheld Sewing Machine Awaits Installation	Handheld Sewing Machine	Installation	
34	MOBILE CONVEYOR	Awaiting Installation	Not Applicable	Not Applicable	Installation	
35	WORKSHOP TOOLS	None	Not Applicable	Complete Mechanical & Electrical Tools	Provision	
36	LABORATORY TOOLS	None	Not Applicable	Complete Basic Laboratory Tools	Provision	
37	BOREHOLE	Newly Constructed	Overhead Tank not Completed, Water Reticulation not Completed	PVC Overhead Tank	Completion of all On-going Works	
38	WATER TREATMENT PLANT	Newly Installed	On-going	Not Applicable	Not Applicable	
39	WATER HYDRANT	Awaiting Installation	Not Applicable	Not Applicable	Installation	
40	FIRE EXTINGUISHER	Not Available	Not Applicable	Not Applicable	Provision	
41	FUEL DEPOT	Not yet Installed	Not Applicable	Not Applicable	Provision	
42	POWER SUPPLY (Main)	Awaiting Installation	Not Applicable	Not Applicable	Installation	
43	GENERATOR	Awaiting installation	Not Applicable	Not Applicable	Installation	
44	ACCESS ROADS	Awaiting Construction	Not Applicable	Not Applicable	Construction	
45	INTERNAL ROADS NETWORK	Very Good	Not Applicable	Not Applicable	Not Applicable	
46	INTERNAL DRAINAGE NETWORK	construction	Not Applicable	Not Applicable	Construction	
47	WAREHOUSE	Very Good	Not Applicable	Not Applicable	Not Applicable	
48	ADMINISTRATIVE BLOCK	Very Good	Not Applicable	Not Applicable	Not Applicable	
49	WORKSHOP BLOCK	Very Good	Not Applicable	Not Applicable	Not Applicable	
50	UTILITY BLOCK	Very Good	Not Applicable	Not Applicable	Not Applicable	
51	SECURITY POST	On-going construction	Not Applicable	Not Applicable	Not Applicable	
52	FENCE	On-going construction	Not Applicable	Not Applicable	Not Applicable	
53	DUST HOUSE	Not Available	Not Applicable	Not Applicable	Construction	
54	TRACTOR	Not Available	Not Applicable	Not Applicable	Not Applicable	
55	SECURITY LIGHT	Not Available	Not Applicable	Not Applicable	Installation	
56	PROJECT VEHICLE	Not Available	Not Applicable	Not Applicable	Not Applicable	
57	MANAGER'S RESIDENCE	Not Available	Not Applicable	Not Applicable	Not Applicable	
58	TRUCK DRIVERS LODGE	Not Available	Not Applicable	Not Applicable	Not Applicable	
59	SECURITY STAFF LODGE	Very Good	Not Applicable	Not Applicable	Not Applicable	

Yenagoa Silo Complex						
SN	Equipment Description	Condition Grade	Faulty Component	Specification	Remedy Action	Cost of Replacement or Repairs
1	WEIGH BRIDGE	Awaiting Installation	Not Applicable	Not Applicable	Installation	
2	INTAKE PIT	Awaiting Installation	Not Applicable	Not Applicable	Installation	
3	CONTROL PANEL	Awaiting Installation	Not Applicable	Not Applicable	Installation	
4	GRAIN CLEANER	Awaiting Installation	Not Applicable	Not Applicable	Installation	
5	ELEVATORS	Awaiting Installation	Not Applicable	Not Applicable	Installation	
6	GRAIN DRYER	Awaiting Installation	Not Applicable	Not Applicable	Installation	
7	DRAG (CHAIN) CONVEYOR	Awaiting Installation	Not Applicable	Not Applicable	Installation	
8	SILO BIN 1	Awaiting Installation	Not Applicable	Not Applicable	Installation	
9	SILO BIN 2	Awaiting Installation	Not Applicable	Not Applicable	Installation	
10	SILO BIN 3	Awaiting Installation	Not Applicable	Not Applicable	Installation	
11	SILO BIN 4	Awaiting Installation	Not Applicable	Not Applicable	Installation	
12	SILO BIN 5	Awaiting Installation	Not Applicable	Not Applicable	Installation	
13	SILO BIN 6	Awaiting Installation	Not Applicable	Not Applicable	Installation	
14	SILO BIN 7	Awaiting Installation	Not Applicable	Not Applicable	Installation	
15	SILO BIN 8	Awaiting Installation	Not Applicable	Not Applicable	Installation	
16	SILO BIN 9	Awaiting Installation	Not Applicable	Not Applicable	Installation	
17	SILO BIN 10	Awaiting Installation	Not Applicable	Not Applicable	Installation	
18	SILO BIN 11	Awaiting Installation	Not Applicable	Not Applicable	Installation	
19	SILO BIN 12	Awaiting Installation	Not Applicable	Not Applicable	Installation	
20	SILO BIN 13	Awaiting Installation	Not Applicable	Not Applicable	Installation	
21	SILO BIN 14	Awaiting Installation	Not Applicable	Not Applicable	Installation	
22	SILO BIN 15	Awaiting Installation	Not Applicable	Not Applicable	Installation	
23	SILO BIN 16	Awaiting Installation	Not Applicable	Not Applicable	Installation	
24	SILO BIN 17	Awaiting Installation	Not Applicable	Not Applicable	Installation	
25	SILO BIN 18	Awaiting Installation	Not Applicable	Not Applicable	Installation	
26	SILO BIN 19	Awaiting Installation	Not Applicable	Not Applicable	Installation	
27	SILO BIN 20	Awaiting Installation	Not Applicable	Not Applicable	Installation	
28	HOSPITAL BIN 1	Awaiting Installation	Not Applicable	Not Applicable	Installation	
29	HOSPITAL BIN 2	Awaiting Installation	Not Applicable	Not Applicable	Installation	
30	TEMPERING BIN 1	Awaiting Installation	Not Applicable	Not Applicable	Installation	
31	TEMPERING BIN 2	Awaiting Installation	Not Applicable	Not Applicable	Installation	
32	BULK LOADING BIN	Awaiting Installation	Not Applicable	Not Applicable	Installation	
33	BAGGING PLANT	Awaiting Installation	Not Applicable	Not Applicable	Installation	
34	MOBILE CONVEYOR	Awaiting Installation	Not Applicable	Not Applicable	Installation	
35	WORKSHOP TOOLS	None	Not Applicable	Complete Set Of Mechanical & Electrical Tools	Provision	

Yenagoa Silo Complex						
SN	Equipment Description	Condition Grade	Faulty Component	Specification	Remedy Action	Cost of Replacement or Repairs
36	LABORATORY TOOLS	None	Not Applicable	Complete Basic Laboratory Tools	Provision	
37	WATER SUPPLY	Awaiting Construction	Not Applicable	Not Applicable	Construction	
38	WATER TREATMENT PLANT	Awaiting Installation	Not Applicable	Not Applicable	Installation	
39	WATER HYDRANT	Awaiting Installation	Not Applicable	Not Applicable	Installation	
40	FIRE EXTINGUISHER	Not Available	Not Applicable	Not Applicable	Provision	
41	FUEL DEPOT					
42	POWER SUPPLY (Main)	Awaiting Installation	Not Applicable	Not Applicable	Installation	
43	GENERATOR	Awaiting Installation	Not Applicable	Not Applicable	Installation	
44	ACCESS ROADS	Good	Nil	Not Applicable	Not Applicable	
45	INTERNAL ROADS NETWORK	Awaiting Construction	Not Applicable	Not Applicable	Construction	
46	INTERNAL DRAINAGE NETWORK	Awaiting Construction	Not Applicable	Not Applicable	Construction	
47	WAREHOUSE	Very Good	Not Applicable	Not Applicable	Not Applicable	
48	ADMINISTRATIVE BLOCK	Awaiting Construction	Not Applicable	Not Applicable	Construction	
49	WORKSHOP BLOCK	Awaiting Construction	Not Applicable	Not Applicable	Construction	
50	UTILITY BLOCK	Awaiting Construction	Not Applicable	Not Applicable	Construction	
51	SECURITY POST	Awaiting Construction	Not Applicable	Not Applicable	Construction	
52	FENCE	Good	Entrance Gate not Installed	Iron Entrance Gate	Installation	
53	DUST HOUSE	Not Available	Not Applicable	Not Applicable	Construction	
54	TRACTOR	Not Available	Not Applicable	Not Applicable	Not Applicable	
55	SECURITY LIGHT	Not Available	Not Applicable	Not Applicable	Installation	
56	PROJECT VEHICLE	Not Available	Not Applicable	Not Applicable	Not Applicable	
57	MANAGER'S RESIDENCE	Awaiting Construction	Not Applicable	Not Applicable	Construction	
58	TRUCK DRIVERS LODGE	Awaiting Construction	Not Applicable	Not Applicable	Construction	
59	SECURITY STAFF LODGE	Awaiting Construction	Not Applicable	Not Applicable	Construction	

Yola Silo Complex, Adamawa State						
SN	Equipment Description	Condition Grade	Faulty Component	Specification	Remedy Action	Cost of Replacement or Repairs
1	WEIGH BRIDGE	Newly Installed	Not Applicable	Not Applicable	Not Applicable	-
2	INTAKE PIT	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
3	CONTROL PANEL	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
4	GRAIN CLEANER	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
5	ELEVATORS	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
6	GRAIN DRYER	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
7	DRAG (CHAIN) CONVEYOR	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
8	SILO BIN 1	Newly Installed	No Internal Ladder	Internal Ladder	Provision	
9	SILO BIN 2	Newly Installed	No Internal Ladder	Internal Ladder	Provision	
10	SILO BIN 3	Newly Installed	No Internal Ladder	Internal Ladder	Provision	
11	SILO BIN 4	Newly Installed	No Internal Ladder	Internal Ladder	Provision	
12	SILO BIN 5	Newly Installed	No Internal Ladder	Internal Ladder	Provision	
13	SILO BIN 6	Newly Installed	No Internal Ladder	Internal Ladder	Provision	
14	SILO BIN 7	Newly Installed	No Internal Ladder	Internal Ladder	Provision	
15	SILO BIN 8	Newly Installed	No Internal Ladder	Internal Ladder	Provision	
16	SILO BIN 9	Newly Installed	No Internal Ladder	Internal Ladder	Provision	
17	SILO BIN 10	Newly Installed	No Internal Ladder	Internal Ladder	Provision	
19	HOSPITAL BIN 1	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
20	HOSPITAL BIN 2	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
21	TEMPERING BIN 1	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
22	TEMPERING BIN 2	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
23	BULK LOADING BIN	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
24	BAGGING PLANT	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
25	MOBILE CONVEYOR	Awaiting Installation	Not Applicable	Not Applicable	Installation	N500,000
26	WORKSHOP TOOLS	None	Not Applicable	Not Applicable	Provision	N400,000
27	LABORATORY TOOLS	None	Not Applicable	Not Applicable	Provision	N600,000
28	BOREHOLE	Newly Constructed	Not Applicable	Not Applicable	Not Applicable	
29	WATER TREATMENT PLANT	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
30	WATER HYDRANT	Newly Installed	Not Applicable	Not Applicable	Not Applicable	

Yola Silo Complex, Adamawa State						
SN	Equipment Description	Condition Grade	Faulty Component	Specification	Remedy Action	Cost of Replacement or Repairs
31	FIRE EXTINGUISHER	Very Good	Not Applicable	Not Applicable	Not Applicable	
32	FUEL DEPOT	None	Not Applicable	Not Applicable	Not Applicable	
33	POWER SUPPLY (Main)	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
34	GENERATOR	Newly Installed	Not Applicable	Not Applicable	Not Applicable	
35	ACCESS ROADS	Very Good	Not Applicable	Not Applicable	Not Applicable	
36	INTERNAL ROAD NETWORK	Very Good	Not Applicable	Not Applicable	Not Applicable	
37	INTERNAL DRAINAGE NETWORK	Very Good	Not Applicable	Not Applicable	Not Applicable	
38	WAREHOUSE	Very Good	Not Applicable	Not Applicable	Not Applicable	
39	ADMINISTRATIVE BLOCK	Very Good	Not Applicable	Not Applicable	Not Applicable	
40	WORKSHOP BLOCK	Very Good	Not Applicable	Not Applicable	Not Applicable	
41	UTILITY BLOCK	Very Good	Not Applicable	Not Applicable	Not Applicable	
42	SECURITY POST	Very Good	Not Applicable	Not Applicable	Not Applicable	
43	FENCE	Very Good	Not Applicable	Not Applicable	Not Applicable	
44	DUST HOUSE	None	Not Applicable	Dust House	Construction	
45	TRACTOR	Not Available	Not Applicable	Not Applicable	Not Applicable	
46	SECURITY LIGHT	Very Good	Not Applicable	Not Applicable	Not Applicable	
47	PROJECT VEHICLE	Not Available	Not Applicable	Not Applicable	Not Applicable	
48	MANAGER'S RESIDENCE	Not Available	Not Applicable	Not Applicable	Not Applicable	
49	TRUCK DRIVERS' LODGE	Very Good	Not Applicable	Not Applicable	Not Applicable	
50	SECURITY STAFF LODGE	Very Good	Not Applicable	Not Applicable	Not Applicable	