

# AFRIBRIGHT LIMITED



P.O. BOX 79825-00200 NAIROBI

Email: [info@afribrightlimited.com](mailto:info@afribrightlimited.com)

## MONTHLY PROGRESS REPORT 2

(9<sup>th</sup> March 2022 – 6<sup>th</sup> May 2022)

For

### The Proposed Construction of Gitugu 1 Mini-Hydropower Station

#### CONTRACT DETAILS:

<b>Contract sum:</b>	kshs 66,939,284.99/-
<b>Start date:</b>	9 <sup>th</sup> March 2022
<b>Completion date:</b>	12 <sup>th</sup> August 2022
<b>Time lapse:</b>	57 days
<b>% progress:</b>	20%
<b>Advance payment</b>	kshs 6,200,000/-
<b>First certificate</b>	Kshs 9,777,370/-

#### CLIENT:

GITUGU POWER STATION LTD  
PO BOX 306-00502  
NAIROBI



*Shining a light on your Buildings & Water issues*

## Contents

1.0 Introduction.....	3
1.1 Project Background.....	3
1.2 Scope of Works.....	3
2.0 Progress as Per the Billed Activities.....	4
2.1 Bill Item No. 1: Preliminary & General Services.....	4
2.11 Contractual Requirements.....	4
2.12 Contractor’s site house.....	4
2.13 Access road.....	4
2.2 Bill Item No. 2: Intake and diversion weir.....	4
2.3 Bill Item No. 3: Approach canal.....	5
2.4 Bill Item No. 4: De-silting tank.....	5
2.5 Bill Item No. 5: Forebay.....	5
2.6 Bill Item No. 6: Hydrobox support slabs.....	5
2.7 Bill Item No. 7: penstock.....	5
3.0 Site Organisation.....	6
3.1 Equipment on Site.....	6
3.2 Contractor Personnel on Site.....	6
3.3 Materials on Site.....	7
3.4 Tools on site.....	7
3.5 Office equipment and stationery.....	8
4.0 General Weather Conditions.....	8
5.0 Contractor’s Recommendations.....	9
5.1 Payment Certificates.....	9
6.0 Progress Photos.....	9

## **1.0 Introduction**

### **1.1 Project Background**

The construction Gitugu 1 mini-hydropower station works is intended to produce 533kw of electricity by the end of the project.

The intended designed structures include construction of access roads and drainage, civil works and installation of the penstock.

The construction of Gitugu 1 mini-hydropower station has been awarded to Afribright Limited to effectively carry out the intended design and construction.

### **1.2 Scope of Works**

- a) Construction of access roads and drainage
- b) Construction the intake structure, diversion weir, approach canal, de-silting tank/fore bay, hydrobox slabs, and
- c) Penstock installation

## **2.0 Progress as Per the Billed Activities**

### **2.1 Bill Item No. 1: Preliminary & General Services**

#### **2.11 Contractual Requirements**

- Performance Security provided
- Insurance of Works, Contractors All Risks Policy has been provided
- Preliminary Design is 100% complete
- Hydraulic designs have been completed and approved
- Detailed design have been sent for approval

#### **2.12 Contractor's site house**

- Site house 100% complete.
  - ✓ 1 site office complete, fully equipped. 3 stores acquired
  - ✓ 2 staff houses complete
  - ✓ 3 stores acquired
  - ✓ 1 Pit latrine complete
  - ✓ 1 Bathroom complete

#### **2.13 Access road**

- ✓ The activities have been completed
- ✓ Drainage has been provided and is being maintained

### **2.2 Bill Item No. 2: Intake and diversion weir**

- The river diversion work is 95% complete, the works are still on-going
- Intake and weir excavation works are ongoing
- Bending of steel bars for the offtake works is ongoing

- Concrete works ; activities will start in two weeks

### **2.3 Bill Item No. 3: Approach canal**

- Excavation of the approach canal is 70% complete
- Bending of steel bars is ongoing
- Concrete works ; activities will start in two weeks

### **2.4 Bill Item No. 4: De-silting tank**

- Excavation had started, but was halted due to land dispute

### **2.5 Bill Item No. 5: Forebay**

- Excavation works are ongoing at the forebay
- Concrete works; activities have not started

### **2.6 Bill Item No. 6: Hydrobox support slabs**

- Excavation of the slab is 100% complete
- Concrete works are ongoing at the site

### **2.7 Bill Item No. 7: penstock**

- Excavation of the penstock is 95% complete
- The penstock pipes have been ordered

### 3.0 Site Organisation

#### 3.1 Equipment on Site

NO	DESCRIPTION	CAPACITY	QTTY	REMARKS
1	Tipper Trucks	25 Ton	1	Good Working condition
2	Concrete Mixer	200 liters	1	Good Working condition
3	Concrete pump	40m <sup>3</sup> /hr	1	Good Working condition
4	Water pumps	70m lift	1	Good Working condition
5	Poker Vibrator		3	Good Working condition
6	Dumpy level machine & staff		1	Good Working condition
7	Radio calls		3	Good Working condition
8	Weighing machine	35kgs	1	Good Working condition
9	Motorbike	150cc	1	Good Working condition
10	CCTV cameras		2	Good Working condition
11	Welding machine		1	Good Working condition

**Note:** More additional equipment are being mobilized to site

#### 3.2 Contractor Personnel on Site

S/No	DESIGNATION	No.
1	Contractor Representative/Site Agent	1
2	Site Engineer	1
3	Lead Surveyor	1
4	Foreman	1
5	Skilled Artisans – Carpenters	1
	Masons	2
	Steel fixers	4
	Welders	2
6	Drivers	2
7	Security Officers/Watchmen	2
8	General Workers/Laborers	56

### 3.3 Materials on Site

ITEM	UNIT	QTTY
Ballast	Ton	205
Quarry dust	Ton	150
Cement	bags	300
D 10 bars	pcs	600
D 8 bars	pcs	250
Marine boards	pcs	50
Nails (assorted)	kgs	125
Binding wires	kgs	250
Gunny bags	pcs	800

### 3.4 Tools on site

NO	ITEM	UNIT	QTTY
1	Steel water tank	Pcs	1
2	Wheelbarrows	Pcs	10
3	Spades	Pcs	10
4	Hammers	Pcs	6
5	Ordinary Jembe	Pcs	3
6	Fork Jembe	Pcs	3
7	Sledge hammer 10kg	Pcs	4
8	Sledge hammer 3kg	Pcs	2
9	Claw hammer	Pcs	2
10	Mason hammer	Pcs	2
11	Mattocks/sururu	Pcs	4
12	Panga	Pcs	2
13	Steel drums	Pcs	15
14	Plastic drums	Pcs	4
15	Water Delivery pipes HDPE 63"	Meters	200
16	Concrete delivery pipes	Meters	90
17	Concrete cube moulds	Pcs	6
18	Steel Tray	Pcs	1
19	Circular saw	Pcs	1
20	Hand saws	Pcs	2
21	Saw files	Pcs	2

22	Post hole digger/claw bars	Pcs	2
23	Tape measure 100m	Pcs	2
24	Steel tape 100m	Pcs	1

### 3.5 Office equipment and stationery

NO	ITEM	UNIT	QTTY
1	Office table	pcs	1
2	Office chairs	Pcs	6
3	Laptop computer	Pcs	1
4	Desktop computer	Pcs	1
5	Printer (colored)	Pcs	1
6	Printing papers	Rims	5
7	Lever files	Pcs	5
8	Spring Files	Pcs	10
9	File tray	Pcs	2
10	Paper punch	Pcs	1
11	Staplers	Pcs	2
12	Staple pins	Pct	4
13	Office stamp	Pcs	1
14	Muster roll	Pcs	2
15	Felt pens	Pcs	6
16	Manila papers	Pcs	10
17	Ledger book	Pcs	2
18	Petty cash book	Pcs	2
19	Visitor's book	Pcs	1
20	Site instruction book	Pcs	1
21	Occurrence book	pcs	1
22	Incident/accident log	Pcs	1
23	Grievance log	Pcs	1
24	Box files	Pcs	5

### 4.0 General Weather Conditions

- The month has generally been cold and dry.

## 5.0 Contractor's Recommendations

### 5.1 Payment Certificates

- The Contractor has received an advance payment of KShs 6.2 million, representing about 10% of the total contract sum
- The Contractor has raised the first interim payment certificate

Ipcc 1 Date Of Issue: 25<sup>th</sup> April 2022

Invoice Issue Date: 25<sup>th</sup> April 2022

Ipcc Amount: KShs 11,488,610/-

Revised Ipcc Date: 6<sup>th</sup> May 2022

Revised Invoice Date: 6<sup>th</sup> May 2022

Revised Invoice Amount: : KShs 9,777,370/-

### 6.0 Progress Photos







