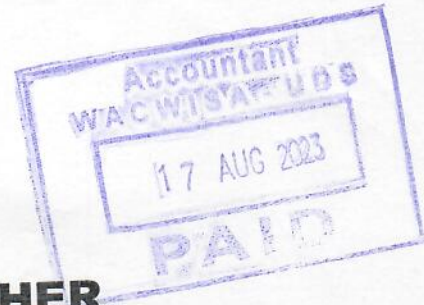


# UNIVERSITY FOR DEVELOPMENT STUDIES



## PROJECTS

## PAYMENT VOUCHER

PV NO: PV227480

ALLOCATION:

PAY:	DESCRIPTION	AMOUNT
URC SYSTEMS LIMITED, ACCRA	PAYMENT OF SUPPLY & INSTALLATION OF SOLAR PANELS-WACWISA	GHS
8/16/2023		
PREPARED BY		536,711.53
COSMAS		
	AMT IN WORDS	FIVE HUNDRED THIRTY-SIX THOUSAND SEVEN HUNDRED ELEVEN GHANA CEDIS, FIFTY-THREE GHANA PESEWAS ONLY

I CERTIFY that the above amount is correct

DATE: 8/16/2023

*[Signature]*  
Schedule Officer

Invoice num: WAC 23145

### DEBIT ACCOUNT CODE

2999002-CA-PRJ

564,959.51

Authorised and passed for Payment:	564,959.51	System Batch Details	Batch: 14,981.00	Entry: 1.00
Tax	VAT 0.00			
	FLAT 0.00			
	WITHOLD CEN -28,247.98			
	WITHVAT CEN 0.00			
Net Amount Payable	536,711.53			
PROJECT ACCOUNTANT:	<i>[Signature]</i>	Cheque Number:	000547	
Date:	17/8/23	Bank:	ECOBANK WACWISA ACCOUNT	
		Date:	16-08-2023	

Approved By

Verified by Internal Audit

Receive this 17 day of 08 2023 In respect of Payment

The Sum of Five Hundred and thirty-six thousand Seven Hundred

and Eleven — Ghana Cedis fifty-three — Pesewas

Signature of Receiver

Name & Telephone of Receiver

*Yahaya Abdulai Andani*

0266532111



R1227480  
R1227481

70/23/1384




**UNIVERSITY FOR DEVELOPMENT STUDIES**  
(Procurement Directorate)

**Memorandum**

**To :** Vice-Chancellor  
**From :** Director of Procurement  
**Date :** August 15, 2023  
**Subject :** **PAYMENT FOR THE SUPPLY AND INSTALLATION OF SOLAR PANELS FOR THE WACWISA BLOCK**

I write for approval for the payment of an amount of **Six Hundred and Forty Seven Thousand, Seven Hundred and Fifty Nine Ghana Cedis, Fifty One Pesewas (Gh¢ 647,759.51)** to **URC Systems limited, Tamale** for the above as per the of work accomplishment form attached.

Please amount of **Five Hundred and Sixty Four Thousand, Nine Hundred and Fifty Nine Ghana, Fifty One Pesewas (Gh¢ 564,959.51)** should be prepared as a separate cheque for the remaining 70% balance left and **Eighty Two Thousand, Eight Hundred Ghana Cedis (Gh¢ 82,800.00)** for the Automatic Voltage Regulator (AVR) 50KVA 3 Phase input voltage supplied.

  
**Duke A. Fredua**  
**Director of Procurement**

cc: *Director of Finance*  
*Director of Internal Audit*  
*File*

2/10 F  
pls, approved.

15/08/23

③ FM  
Pls process  
16/08/23

④ Lukman  
Pls process payment  
of cedi 564,959.51 from  
WACWISA cedi account  
Muthy  
16/08/23





Hanisa Building  
GA01/120/46  
Christian Viliage Jxn  
Lagon West Road Accra

25<sup>TH</sup> July, 2023

The Vice Chancellor  
University of Development Studies,  
P.O. Box 1350,  
Tamale, Ghana.

Dear Sir,

**RE: REQUEST FOR IPC 2 FOR INSTALLATION OF SOLAR PANELS FOR THE WACWISA BUILDING (CONTRACT NUMBER NR/UDS/WACWISA/014/2022)**

Following the completion of the project and a successful handing over, we write to request final payment (IPC2) for the above project and all additional materials (AVR) added to the system as follows.

1. IPC 2 of an amount of five hundred and sixty-four thousand, nine hundred and fifty-nine Ghana cedis, fifty-one pesewas. (GHC 564,959.51)
2. AVR, 50Kva, 3 phase input voltage at eighty-two thousand, eight hundred Ghana cedis only. (GHC 82,800.00)

Thank You.

Yours Faithfully,



Julian Adiase

Managing Director

**For and on behalf of URC Systems Limited.**

CC

The Pro Vice Chancellor, UDS  
The Director, WPD, UDS  
The Director of Finance, UDS  
The Director of Procurement, UDS

*② D, Proc*  
*pls, advise.*  
*15/08/23*

*③ VC*  
*Pls the work has been executed per the works accomplishment form attached*  
*15/08/23*





UNIVERSITY OF LAGOS  
DEPARTMENT OF PHYSICS

WORKS ACCOMPLISHMENT FORM (REQUIRED FOR MAINTENANCE AND REPAIRS)

1. Title of work: **URC SYSTEMS LTD**
2. Address: **Hanisa Building, Christian Village Jn, Acra**
3. List of materials used: **SPC III 7.2 (x3), 5000 kVA Reg bottom  
Battery Pylon (2x3 = 6) 60 per & 405 watts  
Tin to Panel**
4. Total cost of work as attached: **564,959.51 GH¢**
5. Title of Technician: **Julian Adigun (Engineer)**
6. Signature of Technician: *[Signature]*
7. Date: **31/07/2023**

Declaration:

- a) I certify that, the work I have requested is done and I am satisfied
- Name of Faculty/Dept: **WACMSA** Location: **NYANKPALA**
- Name of Officer: **FELIX K. ABANALE**
- Signature: *[Signature]*
- Date: **1/8/23**

- b) Head of Technical Department
- I certify that the above listed materials have been used to carry out the requested works
- Name: **Engr. Gampie Joseph M.**
- Signature: *[Signature]*
- Date: **01/08/2023**

Certification by Director, Works and Physical Development Department

I certify that the above has/have not been satisfactorily done. I therefore recommend/~~do not recommend~~ payment.

for Signature: *[Signature]* Date: **02/08/2023**





UNIVERSITY OF GHANA  
WORKS ACCOMPLISHMENT FORM

UNIVERSITY OF GHANA  
WORKS ACCOMPLISHMENT FORM (EQUIPMENT MAINTENANCE AND REPAIRS)

1. Full name of firm

WRC SYSTEMS LTD

(that carried out the work)

2. Address

Hansen Building, Christian V. Aga Em, Accra  
50/VA AVE.

3. List of materials used

4. Total cost of works as attached

82,600.00

5. Title of Technician

Julian Achese (Engineer)

6. Signature of Technician

[Signature]

7. Date

30/07/23

Declaration:

a) I certify that, the work I have requested is done and I am satisfied.

Name of Faculty/Dept:

WACWRA

Location

NYANKPRA

Name of Officer:

FELIX K. ABAGALE

Signature:

[Signature]

Date:

15/8/23

b) Head of Technical Department

I certify that the above listed materials have been used to carry out the requested works

Name:

Engr. Campie Joseph M.

Signature:

[Signature]

Date:

01/08/2023

Certification by Director, Works and Physical Development Department

I certify that the above has/have not been satisfactorily done. I therefore recommend/do not recommend payment.

Signature:

[Signature]

Date:

02/08/2023

NR/UDS/WACWISA/014/2022



May 18, 2022

The Managing Director  
URC Systems Limited  
Hanisa Building GA01/120/46  
Accra

Dear Sir,

**NOTIFICATION OF AWARD**

This is to notify you that your Tender dated **April 29, 2022** for execution of the contract for the **Supply and Installation of Solar Panels for the WACWISA Block** (Contract No: NR/UDS/WACWISA/014/2022), in the amount of **Six Hundred and Fifteen Thousand, Three Hundred and Thirty Four Ghana Cedis, Sixty Three Pesewas (GHs615,334.63)** as corrected in accordance with the Instructions to Tenderers for delivery within Eight (8) Weeks is hereby accepted.

This Notification of Award will constitute the formation of contract. However, until and unless you furnish the Performance Security of **Sixty One Thousand Five Hundred and Thirty Three Ghana Cedis, Forty Six Pesewas (GHs61,533.46)** and send it to us within fourteen (14) Days you receive this Notification of Award, the contract shall not be deemed active. You are hereby instructed to proceed with the fulfillment of performance security and signing of contract within fourteen (14) days of the receipt of this letter. Failure to comply with the fulfillment of performance security and signing of contract within the time will constitute failure of formation of contract and forfeiture of Tender Security.

You are hereby instructed to proceed with the necessary action for the execution of the said procurement in accordance with the Tender and Contract documents.

Authorized Signature.....  
Name and Title of Signatory: **Prof. Gabriel A. Teye** (Vice-Chancellor)

Name of Agency: University for Development Studies

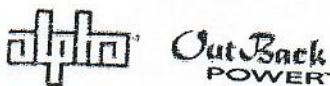
Address for Correspondence: Post Office Box 1350

Tamale, N/R

Tel: 071-22078/26633/4

cc: Pro Vice Chancellor, UDS  
Registrar, UDS  
Director, WPD, UDS  
Director of Finance, UDS  
Director, WACWISA  
Secretary, Tender Committee, UDS  
Director of Internal Audit, UDS  
Head of Stores, UDS





AUTHORIZED RESELLER



Hanisa Building  
GA01/120/46  
Legon West Road Chris Viliage  
Legon West Road Accra

## TENDER FORM AND PRICES SCHEDULE

Date: 29<sup>TH</sup> April, 2022

IFT No: NR/UDS/WACWISA/GD/014/22

To: University of Development Studies  
Central Administration, Dungu, Off Ksi Road  
Conference Room 1 (Room 118)  
Tamale-Northern Region

Gentlemen and/or Ladies:

Having examined the Tender documents including Addenda Nos. [...N.A...] the receipt of which is hereby duly acknowledged, we, the undersigned, offer to supply and deliver **Solar Panels for the WACWISA Block** in conformity with the said Tender documents for the sum of **Seven Hundred and Thirty-Seven Thousand, One Hundred and Twenty-Eight Ghana Cedis, Forty-Three Pesewas only (GH¢737,128.43)** or such other sums as may be ascertained in accordance with the Schedule of Prices attached herewith and made part of this Tender.

We undertake, if our Tender is accepted, to deliver the goods and services in accordance with the delivery schedule specified in the Schedule of Requirements.

If our Tender is accepted, we will provide a Bank Guarantee acceptable to the Purchaser in a sum equivalent to **10% ...percent** of the Contract Price for the due performance of the Contract, in the form prescribed by the Purchaser.

We agree to abide by this Tender for a period of **90 days** from the date fixed for Deadline for Tender submission, and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

Commissions or gratuities, if any, paid or to be paid by us to agents relating to this Tender, and to contract execution if we are awarded the contract, are listed below:

Name and address of agent	Amount and Currency	Purpose of Commission or gratuity
_____ None _____	_____ None _____	_____ None _____
_____	_____	_____
_____	_____	_____

(if none, state "none")

**URC SYSTEMS LIMITED**  
Hanisa Building GA01/120/46  
Christian Village Junction,  
Accra.



AUTHORIZED RESELLER



URC Systems LTD

Until a formal Contract is prepared and executed, this Tender, together with your written acceptance thereof and your notification of award, shall constitute a binding Contract between us.

We understand that you are not bound to accept the lowest or any Tender you may receive.

We certify/confirm that we comply with the eligibility requirements as per ITT Clause 2 of the Tender documents.

Dated this 29<sup>th</sup> day of April, 2022.

[signature]

\_\_\_\_\_  
MANAGING DIRECTOR

[in the capacity of]

URC SYSTEMS LTD  
Manisa Building  
Christian Village  
Accra.

Duly authorized to sign Tender for and on behalf of URC SYSTEMS LIMITED,

P.O. BOX CO2419 TEMA



# PRICE SCHEDULES

PACKAGE NO. NR/UDS/WACWISA/GD/014/22-SUPPLY AND INSTALLATION OF SOLAR PANELS FOR THE WACWISA BLOCK

Name of Tenderer: URC SYSTEMS IFT Number: NR/UDS/WACWISA/GD/014/22


Page 68 of 70

lo	Description	Country of origin	Qty.	Unit Price EXW (specify place)	Total Price EXW (GHs)	Total Price of Inland delivery to final	Total CIP site	Incidental Services and others	Total Tender Price	Remarks
	2	3	4	5	6=(4x5)	7	8=(6+7)	9	10=(8+9)	11
	<b>INVERTER AND ACCESSORIES</b>									
	Supply and install the following									
	A 7.2KW Smart Inverter, 230VAC, 48V DC all in one off grid inverter use with and without batteries c/w all accessories as Outback or equal and approved	Germany	3NO.	15,000.00	45,000.00	4,500.00	49,500.00	12,375.00	61,875.00	
	7.5KVA Voltage Stabiliser	Ghana	3NO.	1,600.00	4,800.00	480.00	5,280.00	1,320.00	6,600.00	
	<b>PANEL AND ACCESSORIES</b>									
	Supply and install the following:									

**URC SYSTEMS LIMITED**  
Hantisa Building G A 11/120/46  
Christian Village Junction,  
Accra.



Tier 1 Solar Panel of 380W generation capacity as Jinko or equal and approved	China	63No	1,440.00	90,720.00	9,072.00	99,792.00	24,948.00	124,740.00	✓
Panel mounting structure c/w all accessories	China	21No	800.00	16,800.00	1,680.00	18,480.00	4,620.00	23,100.00	✓
60A DC circuit breakers	Germany	3No	384.00	1,152.00	115.20	1,267.20	316.80	1,584.00	✓
MC4 Connectors	Germany	50No	24.00	1,200.00	120.00	1,320.00	330.00	1,650.00	✓
4mm <sup>2</sup> DC copper cable	Ghana	3 coil	1,400.00	4,200.00	420.00	4,620.00	1,155.00	5,775.00	✓
Installation accessories		1 lot	4,000.00	4,000.00	400.00	4,400.00	1,100.00	5,500.00	✓
<b>Cables and AC accessories</b>									
Supply and lay the following									
3C x 4mm <sup>2</sup> Autoflex cable as Kable Metal or equal and approved	Ghana	2500m	45.00	112,500.00	11,250.00	123,750.00	30,937.50	154,687.50	✓
5C x 10mm <sup>2</sup> Autoflex cable as Kable Metal or equal and approved	Ghana	15m	75.00	1,125.00	112.50	1,237.50	309.38	1,546.88	✓
4mm <sup>2</sup> cable lug	Ghana	20No	25.00	500.00	50.00	550.00	137.50	687.50	✓
100A TPN bus bar panel	Ghana	1No	1,500.00	1,500.00	150.00	1,650.00	412.50	2,062.50	✓
Cable Ties	Ghana	100No	1.50	150.00	15.00	165.00	41.25	206.25	✓
63A Change over switch as Memshiel or equal and approved	Ghana	3No.	700.00	2,100.00	210.00	2,310.00	577.50	2,887.50	✓

  
**URC SYSTEMS LIMITED**  
 Hantisa Building G.A. 11/120/46  
 Christian Village Junction,  
 Accra



63A AC circuit breakers as Memshiel or equal and approved	Ghana	3No.	420.00	1,260.00	126.00	1,386.00	346.50	1,732.50 ✓
20mm pipe	Ghana	10 Coil	200.00	2,000.00	200.00	2,200.00	550.00	2,750.00 ✓
22mm clips for pipes	Ghana	1 box	200.00	200.00	20.00	220.00	55.00	275.00 ✓
Allow for installation accessories	Ghana	1 lot	1,500.00	1,500.00	150.00	1,650.00	412.50	2,062.50 ✓
<b>Batteries and Accessories</b>								
Supply and install the following:								
Lithium Battery pack, 51.2V, 100AH Equipment to about 9.2KWH on a 48V system as Outback or equal and approved	Germany	6No	24,000.00	144,000.00	14,400.00	158,400.00	39,600.00	198,000.00 ✓
Battery Racks	Germany	35No.	2,000.00	<del>600.00</del> 10,000.00	<del>600.00</del> 1,000.00	<del>6,600.00</del> 41,000.00	<del>1,650.00</del> 2,750.00	<del>8,250.00</del> 13,750.00 ✓
Battery isolator/fuse	Ghana	6No.	400.00	2,400.00	240.00	2,640.00	660.00	3,300.00 ✓
50mm <sup>2</sup> DC Cable	Ghana	20No.	100.00	2,000.00	200.00	2,200.00	550.00	2,750.00 ✓
<b>Earthing System</b>								
Supply and install the following:								
Pure Copper earth rod buried in a mixture of charcoal and swa dust	Ghana	1No.	600.00	600.00	60.00	660.00	165.00	825.00 ✓

**URC SYSTEMS LIMITED**  
 Hanisa Building G.A. 1/120/46  
 Christian Village Junction,  
 Accra.







### Contract Form

THIS AGREEMENT made the 27<sup>th</sup> day of May, 2022, between **University for Development Studies (UDS) – Tamale** of Ghana (hereinafter called “the Purchaser”) of the one part and **URC Systems Limited, Hanisa Building, GA 01/120/46, Christian Village Junction, Accra** of Ghana (hereinafter called “the Supplier”) of the other part:

WHEREAS the Purchaser invited Tenders for certain goods and ancillary services, viz. **Supply and Installation of Solar Panels for the WACWISA Block** and has accepted a Tender by the Supplier for the supply of those goods and services in the sum of **Six Hundred and Fifteen Thousand, Three Hundred and Thirty Four Ghana Cedis, Sixty Three Pesewas (GHs 615,334.63)** (hereafter called “the Contract Price”).

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

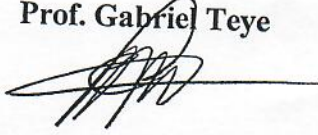
1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.
2. The following documents shall be deemed to form and be read and construed as part of this Agreement, viz.:
  - (a) the Tender Form and the Price Schedule submitted by the Tenderer;
  - (b) the Schedule of Requirements;
  - (c) the Technical Specifications;
  - (d) the General Conditions of Contract;
  - (e) the Special Conditions of Contract;
  - (f) the Purchaser’s Notification of Award; and
  - (g) Contract Data Sheet
3. In consideration of the payments to be made by the Purchaser to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Purchaser to provide the goods and services and to remedy defects therein in conformity in all respects with the provisions of the Contract.
4. The Purchaser hereby covenants to pay the Supplier in consideration of the provision of the goods and services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the contract at the times and in the manner prescribed by the Contract.



IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with their respective laws the day and year first above written.

**On behalf of the Purchaser**

Name: Prof. Gabriel Teye

Signature: 

Designation: Vice-Chancellor

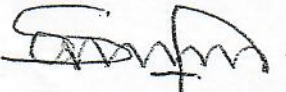
Seal: 

THE VICE CHANCELLOR  
University for Dev. Studies  
P.O. BOX 1350  
TAMALE

Date: 27-05-2022

**Witnessed By:**

Name: Ing. Samuel B. Abiko

Signature: 

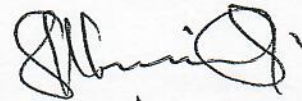
Designation: Director, WPD

Date: 27-05-2022

DIRECTOR  
WORK & PHYSICAL DEV'T  
UNIVERSITY FOR DEV. STUDIE  
P. . BOX 1350 TAMALE

**On behalf of the Supplier**

Name: JULIAN ADRIAS

Signature: 

Designation: m.d


Seal: 

UAC SYSTEMS S. DE  
MARIA BUILDING  
CALLE 1120/45  
TAMALE

Date: 27-05-2022

**Witnessed by:**

Name: Loreto Bradu

Signature: 

Designation: a.m.

Date: 27-05-2022





Hanisa Building  
GA01/120/46  
Christian Village Junction  
Legon West Road Accra

21<sup>st</sup> February, 2023

The Vice Chancellor,  
University for Development Studies,  
P. O. Box TL 1350,  
Tamale, NR.

Dear Sir,

**SUPPLY AND INSTALLATION OF SOLAR PANELS FOR THE WACWISA BLOCK**  
(NR/UDS/WACWISA/GD/014/22)

**VARIATION IN TENDER QUOTATION DUE TO GLOBAL AND LOCAL ECONOMIC CONDITIONS**

The subject matter refers.

Following the signing of contract and receipt of thirty percent (30%) advance payment for the above project, we would like to bring to your attention some factors that have affected the cost of the project locally and globally.

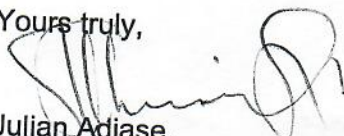
The Ghanaian economy has been affected by both internal and external factors that is affecting every sphere of the economy. Since we signed both contracts, inflation and the depreciation of the cedi has negatively affected our business. Interest rates have shot up significantly, hence, impacting on loans and in effect, increasing the cost of business. In addition to this is the increase in the cost of equipment, freight, import duties, labour and clearing charges.

In view of the above factors, we would like to request for a 100% increase on the remaining balance after payment of mobilization for WACWISA block solar project. We have attached quotes from some of our major suppliers dated in August to confirm the increment in equipment cost to reflect the changes in price influenced by local and global financial and economic problems and its impact on the project.

We hope our request receives a favourable response to enable us successfully complete the project.

Thank you.

Yours truly,

  
Julian Adiase,  
Managing Director,

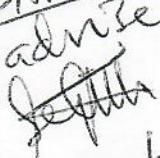
For and on Behalf of URC Systems Limited.



③ VC

Sir, the team met as decided by the ETC to study the suppliers request. After thoroughly studying the mobilization request the team came to a conclusion that the supplier should be given 30% instead of the 100% he asked for.

24-02-23

2) D.Proc  
PLS, advise  
  
22/2/23



# PRICE SCHEDULES

## SUPPLY AND INSTALLATION OF SOLAR PANELS FOR THE WACWISA BLOCK

### PRICE VARIATION

Description	Country of Origin	Qty	Unit Price EXW (specify in place)	Average Unit Price (New) Increase in price	Percentage (%) Increase in price	Total Price EXW GHS	Total Price of material delivery to final destination	Total - CIP site	Incidental Services and Others	Total Tender Price	50% of Total Tender Price Paid as Advance Payment	Balance after 50% Advance Payment	PERCENTAGE CONTRIBUTION PER ITEM
<b>1. INVERTER AND ACCESSORIES</b>													
<b>2. PANEL AND ACCESSORIES</b>													
a. Supply and install the following: a. 17.2KW Square Inverter, 230VAC, 48V DC all in one off grid inverter use with and without batteries off all accessories as Outback or equal and approved	Germany	3	15,000.00	30,469	103%	45,000.00	4500	49500	12,375.00	61,875.00	30,937.50	43,312.50	10.0%
b. 7.2KVA Voltage Stabiliser	China	3	1,600.00	3,360	110%	4,800.00	480	5280	1,320.00	6,600.00	3,300.00	4,620.00	1.1%
<b>3. CABLE AND ACCESSORIES</b>													
a. Supply and install the following: a. Tier 1 Solar Panel of 360W generation capacity as Jinko or equal and approved	China	63	1,440.00	3,024	110%	90,720.00	9,072.00	99,792	24,948.00	124,768.00	62,384.00	87,316.00	20.1%
b. Panel mounting structure off all accessories	China	21	800	1,680	110%	16,800.00	1,680.00	18,480.00	4,620.00	23,100.00	11,550.00	16,170.00	3.7%
c. 60A DC circuit breaker	Germany	3	384	806	110%	1,152.00	115.2	1,267.20	316.8	1,584.00	792.00	1,108.80	0.3%
d. MC4 Connectors	Germany	50	24	50	110%	1,200.00	120	1,320	330	1,650.00	825.00	1,155.00	0.3%
e. 4mm <sup>2</sup> DC copper cable	China	3	1,400.00	2,540	110%	4,200.00	420	4,620	1,155.00	5,775.00	2,887.50	4,042.50	0.9%
f. Installation accessories		1	4,000.00	8,400	110%	4,000.00	400	4,400	1,100.00	5,500.00	2,750.00	3,450.00	0.9%
<b>4. BATTERIES AND ACCESSORIES</b>													
a. 10 x 10mm <sup>2</sup> Auxiliary cable as Kable Metal or equal and approved	China	2500	45	87	95%	112,500.00	11,250.00	123,750	30,937.50	154,687.50	77,343.75	101,281.25	24.9%
b. 10mm <sup>2</sup> cable lug	China	15	75	130	72%	1,125.00	112.5	1,237.5	309.38	1,546.88	773.44	1,082.82	0.2%
c. 100A 17P bus bar panel	China	20	25	53	110%	500.00	50	550	137.5	687.50	343.75	481.25	0.1%
d. 100A 17P bus bar panel	China	1	1,500.00	3,150	110%	1,500.00	150	1,650	412.5	2,062.50	1,031.25	1,443.75	0.3%
e. Cable Ties	China	100	1.5	3	110%	150.00	15	165	41.25	206.25	103.13	144.38	0.0%
f. 63A Change over switch as Merschild or equal and approved	China	3	700	1,470	110%	2,100.00	210	2,310	577.5	2,887.50	1,443.75	2,021.25	0.5%
g. 63A AC circuit breakers as Merschild or equal and approved	China	3	420	882	110%	1,260.00	126	1,386	346.5	1,732.50	866.25	1,212.75	0.3%
h. 20mm pipe	China	10	200	420	110%	2,000.00	200	2,200	550	2,750.00	1,375.00	1,925.00	0.4%
i. 22mm clips for pipes	China	1	200	420	110%	200.00	20	220	55	275.00	137.50	192.50	0.0%
j. Allow for installation accessories	China	1	1,500.00	3,150	110%	1,500.00	150	1,650	412.5	2,062.50	1,031.25	1,443.75	0.3%
<b>5. BATTERIES AND ACCESSORIES</b>													
a. Supply and install the following: a. Lithium Battery pack, 51.2V, 100AH Equipment to about 9.2KWH on a 48V system as Outback or equal and approved	Germany	6	24,000.00	48,750	103%	144,000.00	14,400.00	158,400.00	39,600.00	198,000.00	99,000.00	138,000.00	31.9%
b. Battery Packs	Germany	6	2,000.00	4,053	103%	12,000.00	1,200.00	13,200	2,750.00	15,950.00	7,975.00	9,625.00	2.2%
c. Battery Isolator/Bus	China	5	400	720	80%	2,000.00	200	2,200	660	2,860.00	1,430.00	2,310.00	0.5%
d. 30mm <sup>2</sup> DC Cable	China	20	100	210	110%	2,000.00	200	2,200	550	2,750.00	1,375.00	1,925.00	0.4%
<b>6. BATTERIES AND ACCESSORIES</b>													
a. Supply and install the following: a. Pure Copper earth rod buried in a mixture of charcoal and sea salt	China	1	600	1,240	110%	600.00	60	660	165	825.00	412.50	577.50	0.1%
b. 10 x 16mm <sup>2</sup> PVC insulated copper cable as Kable Metal or equal and approved	China	80	25	53	110%	2,000.00	200	2,200	55	2,075.00	1,037.50	1,452.50	0.3%
c. Copper Ties	China	2	150	315	110%	300.00	30	330.00	82.5	412.50	206.25	288.75	0.1%
<b>7. THE WORKS</b>													
										123,806.33	62,903.17	434,504.24	100%



# UNIVERSITY FOR DEVELOPMENT STUDIES

Tel: 0372093659/0372022078/0372026634  
Fax: 03720-22080  
Website: www.uds.edu.gh  
Email: vc@uds.edu.gh

P. O. Box 1350  
Tamale, Ghana



Our Ref:.....

27<sup>th</sup> February, 2023

Your Ref:.....

OFFICE OF THE VICE-CHANCELLOR

Date:.....

**The Manager  
URC Systems Limited  
Hanisa Building GA01/120/46  
Accra**

Dear Sir/Madam,

**RE: VARIATION IN TENDER QUOTATION DUE TO GLOBAL AND LOCAL  
ECONOMIC CONDITIONS  
SUPPLY AND INSTALLATION OF SOLAR PANELS FOR THE WACWISA BLOCK –  
(NR/UDS/WACWISA/GD/014/2022)**


I write with reference to your letter dated February 21, 2023 on the above subject. The University after studying your request is unable to accept the 100% increment in the remaining balance of the 70% of contract price.

The University is proposing a variation of 30% increment on the 70% balance remaining. This brings the remaining contract sum from **Four Hundred and Thirty Four Thousand, Five Hundred and Eighty Four Ghana Cedis, Twenty Five Pesewas (GHC 434,584.24)** to **Five Hundred and Sixty Four Thousand, Nine Hundred and Fifty Nine Ghana Cedis, Fifty One Pesewas (GHC 564,959.51)**

You are to renew your performance security to cover the new contract price and period of the contract extension.

Please, indicate your acceptance to the proposed variation in writing within five (5) working days from the date of this letter and promptly execute the contract within three (3) months

Yours faithfully,

  
**Prof. Seidu Al-hassan  
Vice-Chancellor**

cc: *Pro Vice-Chancellor  
Registrar  
Director of Finance  
Ag. Director of Internal Audit  
Director- WPD*





## URC SYSTEMS LTD

### RECEIPT

Date: 17<sup>th</sup> August, 2023

Receipt Number: URC17/2023

Amount Received:

Five Hundred and Thirty-Six Thousand, Seven Hundred and Eleven Ghana cedis and  
Fifty-Three Pesewas. (GHc 536,711.53)

For Payment Of: THE SUPPLY AND INSTALLATION OF SOLAR PANELS FOR THE WACWISA  
BLOCK (NR/UDS/WACWISA/GD/014/22)

Received By: Julian Adiase

Received from: University of Development Studies, WACWISA

Payment Method: ☐Cash ☒Check ☐Credit Card ☐Other \_\_\_\_\_

Check Number  
\_ECOBABK000547\_

FOR: URC SYSTEMS

A handwritten signature in black ink, appearing to read 'Julian Adiase', written over a dotted line.

Julian Adiase