

UNIVERSITY FOR DEVELOPMENT STUDIES



PROJECTS

PAYMENT VOUCHER

PV NO: PV226068

ALLOCATION:		DESCRIPTION	AMOUNT
PAY: WAGTECH GHANA LIMITED		PAYMENT FOR SUPPLY&INSTALLATION OF LABORATORY EQUIPMENT--LOT	GHS
6/27/2023			2,852,239.05
PREPARED BY NAJMU			
		AMT IN WORDS	TWO MILLION EIGHT HUNDRED FIFTY-TWO THOUSAND TWO HUNDRED THIRTY-NINE GHANA CEDIS, FIVE GHANA PESEWAS ONLY

I CERTIFY that the above amount is correct
DATE: 6/27/2023

[Signature]
Schedule Officer

Invoice num: LAB EQUIP/WACWISA

DEBIT ACCOUNT CODE

2999002-CA-PRJ

3,250,027.48

Authorised and passed for Payment:	2,666,142.31
Tax	
VAT	583,885.17
FLAT	0.00
WITHOLD CEN	-199,960.67
WITHVAT CEN	-197,827.76
Net Amount Payable	2,852,239.05

System Batch Details Batch: 14,254.00 Entry: 2.00

Cheque Number: 000498

Bank: ECOBANK WACWISA ACCOUN'

Date: 27/06/2023

PROJECT ACCOUNTANT: *[Signature]*

Date: 27/06/23

Approved By *[Signature]*

Verified by Internal Audit

UNIVERSITY FOR DEV'T STUD.
INTERNAL AUDIT DIRECTORATE

CHECKED BY: *[Signature]*

APPROVED BY: *[Signature]*

27/06/2023

Receive this day of 20 In respect of Payment

The Sum of

..... Ghana Cedis

..... Pesewas

Signature of Receiver

Name & Telephone of Receiver

PV 226068

UNIVERSITY FOR DEVELOPMENT STUDIES
(Procurement Directorate)



Memorandum

To : Director, WACWISA
From : Director of Procurement
Date : June 26, 2023
Subject : PAYMENT FOR THE SUPPLY AND INSTALLATION OF LABORATORY EQUIPMENT WACWISA – LOT 1

I write for approval for the payment of an amount of **Three Million, Two Hundred and Fifty Thousand and Twenty Seven Ghana Cedis, Forty Eight Pesewas (Ghc 3,250,027.48)** to **Wagtech Ghana Limited, Accra** for the above as per the VAT invoices Numbered (22/0504454) and confirmation of work done memo attached

Duke A. Fredua
Director of Procurement

cc: Director of Finance
Director of Internal Audit
File

④ Sch. Officer
Pls process from
WACWISA ed. also
Mutty
27/6/23

② FC
Approved
26/6/23

③ Project Acct.
Pls process payment
JH
27/6/23

**WEST AFRICAN CENTRE FOR WATER, IRRIGATION AND SUSTAINABLE AGRICULTURE
(WACWISA)**



INTERNAL MEMORANDUM

FROM : Lecturer/Head of Laboratory

TO : Director, WACWISA

DATE : 26th June, 2023

SUBJECT: REPORT ON THE SUPPLY AND INSTALLATION OF LABORATORY EQUIPMENT FOR CONTRACT LOT 1

Please, I write to report that the supply and installation of Laboratory Equipment for **Contract Lot 1** is completed successfully.

The equipment were tested with installation team and the WACWISA laboratory team and I write to indicate that they are working as required.

Thank you.

**Dr. Richard Osei Agyemang
(Head of Laboratories)**

UNIVERSITY FOR DEVELOPMENT STUDIES



PROJECTS

PAYMENT VOUCHER

PV NO: PV226068

ALLOCATION:		DESCRIPTION	AMOUNT
PAY: WAGTECH GHANA LIMITED	6/27/2023	PAYMENT FOR SUPPLY&INSTALLATION OF LABORATORY EQUIPMENT--LOT	GHS
PREPARED BY			2,852,239.05
NAJMU			
	AMT IN WORDS	TWO MILLION EIGHT HUNDRED FIFTY-TWO THOUSAND TWO HUNDRED THIRTY-NINE GHANA CEDIS, FIVE GHANA PESEWAS ONLY	

I CERTIFY that the above amount is correct
DATE: 6/27/2023

[Signature]
Schedule Officer

Invoice num: LAB EQUIP/WACWISA

DEBIT ACCOUNT CODE
2999002-CA-PRJ 3,250,027.48

Authorised and passed for Payment:	2,666,142.31
Tax	
VAT	583,885.17
FLAT	0.00
WITHOLD CEN	-199,960.67
WITHVAT CEN	-197,827.76
Net Amount Payable	2,852,239.05
PROJECT ACCOUNTANT:	<i>[Signature]</i>
Date:	27/06/2023

System Batch Details Batch: 14,254.00 Entry: 2.00

Cheque Number: 000498

Bank: ECOBANK WACWISA ACCOUNT

Date: 27/06/2023

Approved By _____

Verified by Internal Audit
UNIVERSITY FOR DEV'T STUD.
INTERNAL AUDIT SUPERVISOR
CHECKED BY: *[Signature]* 27/06/2023
APPROVED BY: *[Signature]*

Receive this day of 20 In respect of Payment
The Sum of
..... Ghana Cedis Pesewas

Signature of Receiver

Name & Telephone of Receiver

PV226068

UNIVERSITY FOR DEVELOPMENT STUDIES
(Procurement Directorate)



Memorandum

To : Director, WACWISA
From : Director of Procurement
Date : June 26, 2023
Subject : **PAYMENT FOR THE SUPPLY AND INSTALLATION OF LABORATORY EQUIPMENT WACWISA – LOT 1**

I write for approval for the payment of an amount of **Three Million, Two Hundred and Fifty Thousand and Twenty Seven Ghana Cedis, Forty Eight Pesewas (Ghc 3,250,027.48)** to **Wagtech Ghana Limited, Accra** for the above as per the VAT invoices Numbered (22/0504454) and confirmation of work done memo attached

Duke A. Fredua
Director of Procurement

cc: Director of Finance
Director of Internal Audit
File

④ Sch. Officer
pls process from
WACWISA adi alc.
Muthy
27/6/23

② FC
Approved
26/6/23

③ Project A/c.
pls process payment
27/6/23

**WEST AFRICAN CENTRE FOR WATER, IRRIGATION AND SUSTAINABLE AGRICULTURE
(WACWISA)**



INTERNAL MEMORANDUM

FROM : Lecturer/Head of Laboratory

TO : Director, WACWISA

DATE : 26th June, 2023

SUBJECT: REPORT ON THE SUPPLY AND INSTALLATION OF LABORATORY EQUIPMENT FOR CONTRACT LOT 1

Please, I write to report that the supply and installation of Laboratory Equipment for **Contract Lot 1** is completed successfully.

The equipment were tested with installation team and the WACWISA laboratory team and I write to indicate that they are working as required.

Thank you.

**Dr. Richard Osei Agyemang
(Head of Laboratories)**

GHANA REVENUE AUTHORITY

ORIGINAL (CUSTOMER)

22/ 0504454



REPUBLIC OF GHANA

TAX INVOICE

From WAE TECH GHANA LTD

Supplier's TIN C0002351579

Customer's TIN

Date of Invoice 20/06/2023

To UNIVERSITY FOR DEVELOPMENT STUDIES, UDS

Date of Supply 05/05/2023

QTY	DESCRIPTION	UNIT PRICE <small>(excluding VAT & COVID-19 LEVY)</small>	AMOUNT
1	CONTRACT FOR THE SUPPLY AND INSTALLATION OF LABORATORY EQUIPMENT - LOT 2 CONTRACT NO: NR/UDS/WASHISA/GD/001/02	2,666,142.31	2,666,142.31
(i) Tax Exclusive Value		66,653.84	2,666,142.31
(ii) NHIL (2.5%)		66,653.56	
(iii) GETFund Levy (2.5%)		26,661.42	
(iv) COVID-19 Levy (1%)			
(v) Total Levy Inclusive Value (i+ii+iii+iv)			2,826,110.55
(vi) VAT (12.5%) (v)			423,916.63
(vii) Total Tax Inclusive Value (v+vi)			3,250,027.48

Terms of Payment CHEQUE

[Signature]
Supplier's Signature

GRA FORM C (VAT REGULATION 21(1)(2))

**Procurement Department
University for Development Studies,
UDS,Central Administration (Off
Kumasi Road),Room 104, Tamale
Northern Region**

Wagtech Ghana Ltd.
Plot 8,Justice.A.Brobby
Ave.2nd Street, New
Achimota Mile7 GW1109-
Accra.
P. O. Box AT 211
Achimota Market Mall
Accra – Ghana
Tel: +233 (0) 302-910 951
(0) 30-709 0326
Tel/Fax: 0302 412 406
info@wagtechgh.com
info@wagtech.com.gh

INVOICE NO. WG/2023-20-06-010rev/GAA-ka
CONTRACT FOR THE SUPPLY AND INSTALLATION OF LABORATORY
EQUIPMENT-LOT 1
PACKAGE NO.NR/UDS/WACWISA/GD/001/22

Item	Description	Unit	Qty	Unit Price (GH¢)	Total Price (GH¢)
LABORATORY EQUIPMENT (LOT 1)					
2	WSL50-PRO STANDARDS KIT- CHN/S(O) Kit 1 2,508.04 2,508.04 - includes benzoic acid (02401120), acetanilide (02401121), cyclohexanone (02401347), cystine (N2410324) and sulfamic acid (N2410501).	Each	10	117,974.11	1,179,741.07
3	LPV441.99. 00002 UV VIS Spectrophotometer DR6000 without RFID, 16mm Reference beam technology for compensation of reference signal IBR+ Barcode Reading System for automatic test recognition of 2D Barcode-cuvette-tests and expiry date 10 fold measurement for outlier Elimination Wavelength Range 190-1100 nm Spectral Band with 2 nm Wavelength scan with 0,1 nm resolution More than 240 stored programs Program memory for 200 user specific methods Universal- Adapter for rectangular cells (10, 20, 50 mm, 1 inch), round cells 1 Inch Time-Scan with individual Programming 3 USB- interfaces for data storage devices, keyboard, printer, barcode Scanner Ethernet (RJ 45) interface for direct integration into local area networks (LAN) High resolution TFT-7" WVGA colour touch displayLINK2SC for bidirectional data exchange with process sensors for matrix corrections Optional carousel changer to conduct miniseries or cumulating measurements, e. g. enzymatic Energy saving sleep mode function Scope of supply: 2 x Power Cord (country specific: US,E1x Universal-Adapter 1x I Inch cell, matched pair 1x Dust CoverU) CD ROM with comprehensive user manual, working procedures, reference guides for accessories Printed multilingual basic user manual	Each	2	412,362.15	824,724.29
4	FP910-5 Digital Flame Photometer Microprocessor Controlled for the quick and simple determination of Sodium, Potassium, Calcium, Barium and Lithium in one single aspiration. System has a 7-inch Embedded Colour Touch Screen offering colour graphics such as calibration graph and data, simultaneous analytical results, selection of elements, concentration unit selection etc, Automatic calculation of curve coefficients. Language Selection (currently English, Turkish and Portuguese - More to follow) Flame out safety protection sensor. Direct Printing using integral thermal printer. USB interface to connect with PC for Data Collection Software. Automatic selection of filters. Up to 12 point calibration capability. Water Trap and Air Pressure adjustment on main unit. Oil Free Air compressor with buffer tank	Each	1	85,375.75	85,375.75
4.1	910-006 FP910 Touch Station-Pro data collection software Allows for data and calibration factors and data to be stored on to a Windows Based PC. Full control of the basic collection of data from the Flame Photometer for models Fp910-4 and FP901-5	Each	1	12,100.89	12,100.89

	is available. The software is pre loaded on to a 10 inch Windows Tablet operating in Windows 10 with a touch screen. FP910 Touch Station Pro will allow the exporting of data in Excel Format, MS Word and PDF. USB Interface and Tablet Stand are included.				
4.2	STD-NA 500ml of 1mg/ml standard solution of Sodium	Each	1	4,148.88	4,148.88
4.3	STD-K 500ml of 1mg/ml standard solution of Potassium	Each	1	4,148.88	4,148.88
4.4	STD-LI 500ml of 1mg/ml standard solution of Lithium	Each	1	4,148.88	4,148.88
4.5	STD-CA 500ml of 1mg/ml standard solution of Calcium	Each	1	4,148.88	4,148.88
4.6	STD-BA 500ml of 1mg/ml standard solution of Barium	Each	1	4,148.88	4,148.88
4.7	910-002 Complete Nebuliser including burner and atomiser	Each	1	7,952.01	7,952.01
5	C4-MKII-2. 5M-11-A Multi-purpose Flume - 2.5m with Basic Accessories & Flowmeter (Incorporates Basic Hydraulics Bench F1-10-A)	Each	1	433,411.59	433,411.59
5.1	F1-10-2-A Digital Hydraulics Bench with Flow Meter	Each	1	102,092.33	102,092.33
SUB-TOTAL A					2,666,142.31
1% COVID-19 Health Recovery Levy (CRL)					26,661.42
NHIL-2.5%					66,653.56
GETFUND-2.5%					66,653.56
SUB TOTAL B (SUB TOTAL-A + COVID-19 HRL-1%/ NHIL-2.5%/GETFUND-2.5%)					2,826,110.85
15% VAT					423,916.63
GRAND TOTAL = SUB-TOTAL B + 15% VAT					3,250,027.48
Amount in Words: Three Million, Two Hundred and Fifty Thousand, and Twenty-Seven Ghana Cedis Forty-Eight Pesewas.					

PAYMENT MODE

PAYMENT BY	CHEQUE ISSUED IN OUR FAVOUR OR BY BANK TRANSFER
BANK NAME	NATIONAL INVESTMENT BANK
ACCOUNT NAME	WAGTECH GHANA LIMITED
ACCOUNT NUMBER	1112002609101
BRANCH NAME	OSU
BRANCH NUMBER	12
SORT CODE	050111
SWIFT CODE	NIBGGHAC

Yours faithfully
WAGTECH GHANA LIMITED



Irene Ohene Akoto
Office Manager

WAGTECH GHANA LIMITED
P. O. BOX AT 211, ACHIMOTA
ACGRA - GHANA
TEL: 0302412406/0307090326
Email: info@wagtech.com.gh

UNIVERSITY FOR DEVELOPMENT STUDIES



PROJECTS

PAYMENT VOUCHER

ALLOCATION:

PV NO: PV226181

PAY:	DESCRIPTION	AMOUNT
WAGTECH GHANA LIMITED	FINAL PAYMENT IFO WAGTECH GH. LTD PER PV(226068)	
7/4/2023	<i>Correction on PV 226068</i>	GHS
PREPARED BY NAJMU		119,976.40
	AMT IN WORDS ONE HUNDRED NINETEEN THOUSAND NINE HUNDRED SEVENTY-SIX GHANA CEDIS, FORTY GHANA PESEWAS ONLY	

I CERTIFY that the above amount is correct

DATE: **7/4/2023**

[Signature]
Schedule Officer

Invoice num: **WAGTECH/PV226068**

DEBIT ACCOUNT CODE

2999002-CA-PRJ

119,976.40

Authorised and passed for Payment:	119,976.40	System Batch Details	Batch: <u>14.309.00</u> Entry: <u>3.00</u>
Tax			
VAT	0.00		
FLAT	0.00		
WITHOLDCEN	0.00		
WITHVATCEN	0.00		
Net Amount Payable	119,976.40	Cheque Number:	<u>000510</u>
PROJECT ACCOUNTANT:	<i>[Signature]</i>	Bank:	ECOBANK WAGWISA ACCOUNT1
Date:	<u>06/07/2023</u>	Date:	<u>06/07/2023</u>

Approved By

[Signature]

Verified by Internal Audit

Checked 26/7/23

UNIVERSITY FOR DEV'T STUD.
INTERNAL AUDIT DIRECTORATE

CHECKED BY: *[Signature]*
APPROVED BY: *[Signature]*

05/07/2023

Receive this day of 20 In respect of Payment

The Sum of

..... Ghana Cedis Pesewas

Signature of Receiver

Name & Telephone of Receiver

paid into MIB DSU branch 9/2 11/2002609/01

UNIVERSITY FOR DEVELOPMENT STUDIES



PROJECTS

PAYMENT VOUCHER

ALLOCATION:

PV NO: PV226068

PAY:	DESCRIPTION	AMOUNT
WAGTECH GHANA LIMITED	PAYMENT FOR SUPPLY&INSTALLATION OF LABORATORY EQUIPMENT--LOT	GHS
6/27/2023		
<u>PREPARED BY</u> NAJMU		2,852,239.05
	AMT IN WORDS	TWO MILLION EIGHT HUNDRED FIFTY-TWO THOUSAND TWO HUNDRED THIRTY-NINE GHANA CEDIS, FIVE GHANA PESEWAS ONLY

I CERTIFY that the above amount is correct

DATE: **6/27/2023**

A. Mustam
Schedule Officer

Invoice num: LAB EQUIP/WACWISA

DEBIT ACCOUNT CODE	AMOUNT
2999002-CA-PRJ	3,250,027.48

Authorised and passed for Payment: 2,666,142.31	System Batch Details Batch: <u>14,254.00</u> Entry: <u>2.00</u>
Tax	
VAT 583,885.17	
FLAT 0.00	
WITHOLDCEN -199,960.67	
WITHVATCEN -197,827.76	
Net Amount Payable 2,852,239.05	
PROJECT ACCOUNTANT: <i>[Signature]</i>	Cheque Number: <u>000498</u>
Date: <u>27/06/23</u>	Bank: ECOBANK WACWISA ACCOUN'
	Date: <u>27/06/2023</u>

Approved By *[Signature]*

Verified by Internal Audit

[Signature] 27/06/2023

Receive this day of 20 In respect of Payment

The Sum of

..... Ghana Cedis Pesewas

Signature of Receiver

Name & Telephone of Receiver

PV 226068


UNIVERSITY FOR DEVELOPMENT STUDIES
(Procurement Directorate)



Memorandum

To : Director, WACWISA
From : Director of Procurement
Date : June 26, 2023
Subject : PAYMENT FOR THE SUPPLY AND INSTALLATION OF LABORATORY EQUIPMENT WACWISA – LOT 1

I write for approval for the payment of an amount of **Three Million, Two Hundred and Fifty Thousand and Twenty Seven Ghana Cedis, Forty Eight Pesewas (Gh¢ 3,250,027.48)** to **Wagtech Ghana Limited, Accra** for the above as per the VAT invoices Numbered (22/0504454) and confirmation of work done memo attached


Duke A. Fredua
Director of Procurement

cc: Director of Finance
Director of Internal Audit
File

④ Sch. Officer
Pls process from
WACWISA ad. alc.
Muthy
27/06/23

② FC
Approved ~~26/6/23~~
③ Project Acct.
pls process payment
JH
27/6/23

GHANA REVENUE AUTHORITY

BUYER (CUSTOMER)

22/ 0504454



REPUBLIC OF GHANA

TAX INVOICE

wagtech

Wagtech Ghana Ltd.
Plot 8, Justice A. Brobbey
Ave. 2nd Street, New
Achimota Mile 7 GW1109
Accra.
P. O. Box AT 211
Achimota Market Mall
Accra - Ghana
Tel: +233 (0) 302-910 95
(0) 307-090 32
(0) 20-222 207
Tel/Fax: 0302 412 406
georgek@wagtech.com.gh

01/GK-ka

ORY
(2022).

From WAGTECH GHANA LTD

Supplier's TIN C0002351579

Customer's TIN

Date of Invoice 20/06/2023

To UNIVERSITY FOR DEVELOPMENT
STUDIES, UDS

Date of Supply 05/05/2023

act. We write

QTY	DESCRIPTION	UNIT PRICE <small>(excluding VAT & COVID-19 LEVY)</small>	AMOUNT
1	CONTRACT FOR THE SUPPLY AND INSTALLATION OF LABORATORY EQUIPMENT - LOT 1 CONTRACT NO: NR/UDS/ WASHISA/ GD/001/22	2,666,142.31	2,666,142.31
(i)	Tax Exclusive Value		2,666,142.31
(ii)	NHIL (2.5%)	66,653.58	
(iii)	GETFund Levy (2.5%)	66,655.56	
(iv)	COVID-19 Levy (1%)	26,661.42	
(v)	Total Levy Inclusive Value (ii+iii+iv)		2,826,110.85
(vi)	VAT (12.5%) (v)		423,916.63
(vii)	Total Tax Inclusive Value (v+vi)		3,250,027.48

act for

Terms of Payment CHEQUE

Supplier's Signature

GRA FORM C (VAT REGULATION 21(1)(2))

19th June, 2023

The Vice-Chancellor,
University for Development Studies, UDS,
Central Administration (off Kumasi Road),
P.O. Box 104, Tamale
Northern Region



Wagtech Ghana Ltd.
Plot 8, Justice A. Brobbey
Ave. 2nd Street, New
Achimota Mile 7, Accra -
Accra.
P. O. Box AT 211
Achimota Market Mall
Accra - Ghana
Tel: +233 (0) 302-910 951
(0) 307-090 326
(0) 20-222 2079
Tel/Fax: 0302 412 406
georgek@wagtech.com.gh



Our Ref.: WG/2306-0101/GK-ka

Dear Sir,

**CONTRACTS FOR THE SUPPLY AND INSTALLATION OF LABORATORY
EQUIPMENT-LOT 1 (CONTRACT.NO.: NR/UDS/WACWISA /GD/007/2022).**

REQUEST FOR CONTRACTS PRICE VARIATION.

With reference to your letter dated 19th June, 2023 in respect of the above-mentioned Contract. We write to accept the price increment of the original Contract Price.

Enclosed in this letter is our Invoices covering the goods which was supplied under this contract for settlement.

We thank you for this award.

Yours faithfully
WAGTECH GHANA LIMITED

George Korankye
Managing Director

CC: The Pro Vice-Chancellor, UDS
The Registrar, UDS
The Director-WPD, UDS
The Director of Finance, UDS
The Director, WACWISA, UDS

2) D, Proc / D, WPD / DOF
pls, fyin
22/06/23

June, 2023
 Department
 Ministry for Development Studies,
 Central Administration (Off
 Asasi Road), Room 104, Tamale
 Northern Region

Wagtech Ghana Ltd.
 Plot 8, Justice A. Brobbey
 Ave. 2nd Street, New
 Achimota Mile 7 GW1109-
 Accra.
 P. O. Box AT 211
 Achimota Market Mall
 Accra - Ghana
 Tel: +233 (0) 302-910 951
 (0) 30-709 0326
 Tel/Fax: 0302 412 406
 info@wagtechgh.com
 info@wagtech.com.gh

INVOICE NO. WG/2023-20-06-010rev/GAA-ka
CONTRACT FOR THE SUPPLY AND INSTALLATION OF LABORATORY
EQUIPMENT-LOT 1
PACKAGE NO. NR/UDS/WACWISA/GD/001/22

Item	Description	Unit	Qty	Unit Price (GH¢)	Total Price (GH¢)
LABORATORY EQUIPMENT (LOT 1)					
2	WSL50-PRO STANDARDS KIT- CHN/S(O) Kit 1 2,508.04 2,508.04 - includes benzoic acid (02401120), acetanilide (02401121), cyclohexanone (02401347), cystine (N2410324) and sulfamic acid (N2410501).	Each	10	117,974.11	1,179,741.07
3	LPV441.99. 00002 UV VIS Spectrophotometer DR6000 without RFID, 16mm Reference beam technology for compensation of reference signal IBR+ Barcode Reading System for automatic test recognition of 2D Barcode-cuvette-tests and expiry date 10 fold measurement for outlier Elimination Wavelength Range 190-1100 nm Spectral Band with 2 nm Wavelength scan with 0,1 nm resolution More than 240 stored programs Program memory for 200 user specific methods Universal-Adapter for rectangular cells (10, 20, 50 mm, 1 inch), round cells 1 Inch Time-Scan with individual Programming 3 USB-interfaces for data storage devices, keyboard, printer, barcode Scanner Ethernet (RJ 45) interface for direct integration into local area networks (LAN) High resolution TFT-7" WVGA colour touch display LINK2SC for bidirectional data exchange with process sensors for matrix corrections Optional carousel changer to conduct miniseries or cumulating measurements, e. g. enzymatic Energy saving sleep mode function Scope of supply: 2 x Power Cord (country specific: US, E1x Universal-Adapter 1x I Inch cell, matched pair 1x Dust CoverU) CD ROM with comprehensive user manual, working procedures, reference guides for accessories Printed multilingual basic user manual	Each	2	412,362.15	824,724.29
4	FP910-5 Digital Flame Photometer Microprocessor Controlled for the quick and simple determination of Sodium, Potassium, Calcium, Barium and Lithium in one single aspiration. System has a 7-inch Embedded Colour Touch Screen offering colour graphics such as calibration graph and data, simultaneous analytical results, selection of elements, concentration unit selection etc, Automatic calculation of curve coefficients. Language Selection (currently English, Turkish and Portuguese - More to follow) Flame out safety protection sensor. Direct Printing using integral thermal printer. USB interface to connect with PC for Data Collection Software. Automatic selection of filters. Up to 12 point calibration capability. Water Trap and Air Pressure adjustment on main unit. Oil Free Air compressor with buffer tank	Each	1	85,375.75	85,375.75
4.1	910-006 FP910 Touch Station-Pro data collection software Allows for data and calibration factors and data to be stored on to a Windows Based PC. Full control of the basic collection of data from the Flame Photometer for models Fp910-4 and FP901-5	Each	1	12,100.89	12,100.89

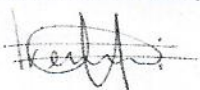
...le. The software is pre loaded on to a 10 inch
...s Tablet operating in Windows 10 with a touch
... PP910 Touch Station Pro will allow the exporting of
... In Excel Format, MS Word and PDF. USB Interface and
... et Stand are included.

	STD-NA 500ml of 1mg/ml standard solution of Sodium	Each	1	4,148.88	4,148.88
	STD-K 500ml of 1mg/ml standard solution of Potassium	Each	1	4,148.88	4,148.88
	STD-LI 500ml of 1mg/ml standard solution of Lithium	Each	1	4,148.88	4,148.88
	STD-CA 500ml of 1mg/ml standard solution of Calcium	Each	1	4,148.88	4,148.88
4.6	STD-BA 500ml of 1mg/ml standard solution of Barium	Each	1	4,148.88	4,148.88
4.7	910-002 Complete Nebuliser including burner and atomiser	Each	1	7,952.01	7,952.01
5	C4-MKII-2. 5M-11-A Multi-purpose Flume - 2.5m with Basic Accessories & Flowmeter (Incorporates Basic Hydraulics Bench F1-10-A)	Each	1	433,411.59	433,411.59
5.1	F1-10-2-A Digital Hydraulics Bench with Flow Meter	Each	1	102,092.33	102,092.33
SUB-TOTAL A					2,666,142.31
1% COVID-19 Health Recovery Levy (CRL)					26,661.42
NHIL-2.5%					66,653.56
GETFUND-2.5%					66,653.56
SUB TOTAL B (SUB TOTAL-A + COVID-19 HRL-1%/ NHIL-2.5%/GETFUND-2.5%)					2,826,110.85
15% VAT					423,916.63
GRAND TOTAL = SUB-TOTAL B + 15% VAT					3,250,027.48
Amount in Words: Three Million, Two Hundred and Fifty Thousand, and Twenty-Seven Ghana Cedis					
Forty-Eight Péséwas.					

PAYMENT MODE

PAYMENT BY	CHEQUE ISSUED IN OUR FAVOUR OR BY BANK TRANSFER
BANK NAME	NATIONAL INVESTMENT BANK
ACCOUNT NAME	WAGTECH GHANA LIMITED
ACCOUNT NUMBER	1112002609101
BRANCH NAME	OSU
BRANCH NUMBER	12
SORT CODE	050111
SWIFT CODE	NIBGGHAC

Yours faithfully
WAGTECH GHANA LIMITED


Irene Ohene Akoto
Office Manager

WAGTECH GHANA LIMITED
P. O. BOX AT 211, ACHIMOTA
ACGRA - GHANA
TEL: 0302412406/0307090326
Email: info@wagtech.com.gh

UNIVERSITY FOR DEVELOPMENT STUDIES

01770-22080
01770-22080
http://www.uds.edu.gh
mailto:vc@uds.edu.gh

P. O. Box 1350
Tamale, Ghana



June 19, 2023

Our Ref:

Your Ref:

OFFICE OF THE VICE-CHANCELLOR

Date:

**The Managing Director
WAGTECH Ghana Limited
P.O. Box AT 211
Accra**

Dear Sir,

**Re: Contracts for the Supply and Installation of Laboratory Equipment – Lot 1
(NR/UDS/WACWISA/GD/007/2022) – Request for Contract Price Variation**

I write with reference to your letter dated May 19, 2023 on the above subject. Your request has been examined by Management and a 15% price increment of the original Contract Price has been granted.

The VAT rate of 15% instead of the original 12.5% has also been granted since it is statutory. Your contract price has now increased from **Two Million, Seven Hundred and Sixty Four Thousand, Six Hundred and Seventy Three Ghana Cedis Sixty One Pesewas (Gh¢2,764,673.61) to Three Million, Two Hundred and Fifty Thousand and Twenty Seven Ghana Cedis Forty Five Pesewas (Gh¢3,250,027.45).**

You are to communicate in writing your acceptance of the new contract price and submit a revised invoice to cover the changes.

Thank you.

Yours faithfully,

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

cc: Pro-Vice-Chancellor
Registrar
Director, Finance
A.g Director of Internal Audit
Director, WPD
Director, WACWISA

**PRICE SCHEDULE
PACKAGE NO.NR./UDS/WACWISA/GD/002/22- SUPPLY AND INSTALLATION OF HYDROGEN, CARBON AND
NITROGEN ANALYSERS.**

IFT No.: NR/UDS/WACWISA/GD/002/22

NAME OF TENDERER: WAGTECH GHANA LIMITED

S. No.	Description	Country of Origin	Qty	U/Price (GH¢) EXW	* Total Price (GH¢) EXW	** Total Price of Inland Delivery to Final Destination (GH¢)	Total CIP Site (GH¢)	Incidental Services & others (GH¢) (Installation)	Total Tender Price (GH¢)	Remarks
1	2	3	4	5	6=(4x5)	7	8=(6+7)	9 ****	10=(8+9)	11

HYDROGEN, CARBON AND NITROGEN ANALYSER

1	F30800100 "Elemental Analyzer CHNS-O, model EMA 502 - Precise, versatile, cloud-enabled micro elemental analyzer for Carbon, Hydrogen, Nitrogen, Sulfur and Oxygen determination with Helium and Argon as carrier gas - SAMPLE WEIGHT: Up to 100mg (depending on C content) - DETECTOR: TCD (Thermal Conductivity Detector) - AUTOSAMPLER CAPACITY: up to 4 discs, 30 positions each (up to 117 samples) - CARRIER GAS: Helium or Argon (Argon for CHN determination) - CONNECTIVITY: USB; RS232"	EU	1	1,164,713.17	1,164,713.17	-	1,164,713.17	-	1,164,713.17	
1.1	A00000433 "Kit approx. 1000 analysis for Oxygen - A pre-packaged solution that allows you to save time in choosing all the consumables needed to use your analyzer!"	EU	1	116,268.00	116,268.00	-	116,268.00	-	116,268.00	
1.2	A00000437 GC column for oxygen SS 1m	EU	1	50,524.92	50,524.92	-	50,524.92	-	50,524.92	
1.3	A00000432 Kit approx. 1000 analysis for CHNS	EU	1	58,783.54	58,783.54	-	58,783.54	-	58,783.54	

Signed:



Emmanuel Amankwah-Minkah, Commercial Director
For and on behalf of Wagtech Ghana Limited

Date: 10th May, 2023

WAGTECH GHANA LIMITED
P. O. BOX AT 211
ACCRA - GHANA
TEL: 0302412406/0307098326
Email: info@wagtech.com.gh

PRICE SCHEDULE
PACKAGE NO.NR./UDS/WACWISA/GD/002/22- SUPPLY AND INSTALLATION OF HYDROGEN, CARBON AND
NITROGEN ANALYSERS.

NAME OF TENDERER: WAGTECH GHANA LIMITED

IFT No.: NR/UDS/WACWISA/GD/002/22

S. No.	Description	Country of Origin	Qty	U/Price (GH¢) EXW	* Total Price (GH¢) EXW	** Total Price of Inland Delivery to Final Destination (GH¢)	Total CIP Site (GH¢)	Incidental Services & others (GH¢) (Installation)	Total Tender Price (GH¢)	Remarks
1	2	3	4	5	6=(4x5)	7	8=(6+7)	9****	10=(8+9)	11

40003081	PM kit EMA502	EU	1	61,858.46	61,858.46	-	61,858.46	-	61,858.46	
1.4	Installation, Commissioning and Training (ICT) charges	EU	1	115,923.14	115,923.14	-	115,923.14	-	115,923.14	
SUB-TOTAL (A)										
1% COVID-19 Health Recovery Levy (CRL)										
NHIL 2.5%										
GETFUND 2.5%										
SUB TOTAL B (SUB-TOTAL (A)+CRL 1%+NHIL 2.5%+GETFUND 2.5% + 15%VAT										
GRAND TOTAL = SUB-TOTAL B + 15%VAT										
									1,568,071.23	
									15,680.71	
									39,201.78	
									39,201.78	
									1,662,155.50	
									249,323.33	
									1,911,478.83	

GRAND TOTAL (GH¢ 1,911,478.83) In words: One Million, Nine Hundred and Eleven Thousand, Four Hundred and Seventy-Eight Ghana Cedis Eighty-Three Pesewas.

PLEASE NOTE:

- All our Price do include all Import Tariffs as Import Duty, Import VAT, Ecowas Levy etc.

Signed:



Emmanuel Amankwah-Minkah, Commercial Director
For and on behalf of Wagtech Ghana Limited
 Date: 10th May, 2023

WAGTECH GHANA LIMITED
 P. O. BOX AT 211
 ACHIMOTA
 ACCRA - GHANA
 TEL: 0302412406/0307099326
 Email: info@wagtech.com.gh

UNIVERSITY FOR DEVELOPMENT STUDIES

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

P. O. Box 1350
Tamale, Ghana



NR/UDS/WACWISA/GD/002/2022

Our Ref:

October 25, 2022

Your Ref:

OFFICE OF THE VICE-CHANCELLOR

Date:

The Managing Director
Wagtech Ghana Limited
P.O. Box AT 211
Accra

Dear Sir,

NOTIFICATION OF AWARD

This is to notify you that your Tender dated September 7, 2022 for execution of the contract for the **Supply and Installation of hydrogen, carbon and nitrogen analyzers (Contract No: NR/UDS/WACWISAGD/002/2022)**, in the amount of **One Million, Four Hundred and Ninety Five Thousand, Nine Hundred and Thirty Nine Ghana Cedis, Ninety Five Pesewas (GHs 1,495,939.95)** as corrected in accordance with the Instructions to Tenderers for delivery within Twelve (12) weeks is hereby accepted.

This Notification of Award will constitute the formation of contract. However, until and unless you furnish the Performance Security of **One Hundred and Forty Nine Thousand, Five Hundred and Ninety Four Ghana Cedis (GHs 149,594.00)** 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. Seidu Al-hassan (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: The Pro Vice Chancellor, UDS
The Registrar, UDS
The Director, WPD, UDS
The Director of Finance, UDS
The Secretary, Tender Committee, UDS
The Ag. Director of Internal Audit, UDS
The Director of Procurement, UDS
The Director, WACWISA UDS
The Head of Stores, UDS

224 390 99

University For Development Studies (UDS)
P.O. Box TL 1350
Tamale

Wagtech Ghana Ltd.
Plot 8, Justice.A. Brobbey
Ave. 2nd Street, New
Achimota Mile 7 GW 1109 -
0745 Accra.
P. O. Box AT 211
Achimota Market Mall
Accra - Ghana
Tel: +233 (0) 302-910 951
(0) 307-090 326
(0) 20-222 2079
Tel/Fax: 0302 412 406
info@wagtech.com.gh
georgek@wagtech.com.gh

Date: 7th September, 2022
IFT NO.: NR/UDS/WACWISA/GD/002/22

LETTER OF BID

Gentlemen and/ or Ladies:

Having examined the Tender documents including Addenda Nos. [0] the receipt of which is hereby duly acknowledged, we, the undersigned, offer to supply and deliver **HYDROGEN, CARBON AND NITROGEN ANALYSERS GH¢ 1,495,939.95 (In words: One Million, Four Hundred and Ninety-Five Thousand, Nine Hundred and Thirty-Nine Ghana Cedis Ninety-Five Pesewas.)** or in conformity with the said Tender documents 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 obtain the Bank Guarantee acceptable to the Purchaser in a sum equivalent to 10% (Ten 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 the period of **90** days from the date fixed for Deadline for Tender submission, and it shall remain binding upon us and may be accepted any time before the expiration of the 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:

NONE

NONE

NONE

WAGTECH GHANA LIMITED
P. O. BOX AT 211
ACHIMOTA
ACCRA - GHANA
TEL: 0302412406/0307090326
Email: info@wagtech.com.gh



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 bid you may receive.

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

Dated this **7th day of September, 2022**



.....
Emmanuel Amankwah-Minkah
Commercial Director

WAGTECH GHANA LIMITED
P. O. BOX AT 211
ACHIMOTA
ACCRA - GHANA
TEL: 0302412406/0307090326
Email: info@waotech.com.gh

Duly authorized to sign Tender for and on behalf of **WAGTECH (GH) LTD.**



PRICE SCHEDULE
PACKAGE NO.NR/UDS/WACWISA/GD/002/22- SUPPLY AND INSTALLATION OF HYDROGEN, CARBON AND NITROGEN ANALYSERS.

NAME OF TENDERER: WAGTECH GHANA LIMITED

IFT No.: NR/UDS/WACWISA/GD/002/22

S. No.	Description	Country of Origin	Qty	U/Price (GH¢) EXW	* Total Price (GH¢) EXW	**Total Price of Inland Delivery to Final Destination (GH¢)	Total CIP Site (GH¢)	Incidental Services & others (GH¢) (Installation)	Total Tender Price (GH¢)	Remarks
1	2	3	4	5	6=(4x5)	7	8=(6+7)	9 ****	10=(8+9)	11

HYDROGEN, CARBON AND NITROGEN ANALYSER

1	F30800100 "Elemental Analyzer CHNS-O, model EMA 502 - Precise, versatile, cloud-enabled micro elemental analyzer for Carbon, Hydrogen, Nitrogen, Sulfur and Oxygen determination with Helium and Argon as carrier gas - SAMPLE WEIGHT: Up to 100mg (depending on C content) - DETECTOR: TCD (Thermal Conductivity Detector) - AUTOSAMPLER CAPACITY: up to 4 discs, 30 positions each (up to 117 samples) - CARRIER GAS: Helium or Argon (Argon for CHN determination) - CONNECTIVITY: USB; RS232"	EU	1	1,112,444.13	1,112,444.13	-	1,112,444.13	-	1,112,444.13	
1.1	A00000433 "Kit approx. 1000 analysis for Oxygen - A pre-packaged solution that allows you to save time in choosing all the consumables needed touse your analyzer!"	EU	1	63,998.96	63,998.96	-	63,998.96	-	63,998.96	
1.2	A00000437 GC column for oxygen SS 1m	EU	1	19,473.91	19,473.91	-	19,473.91	-	19,473.91	
1.3	A00000432 Kit approx. 1000 analysis for CHNS	EU	1	48,950.56	48,950.56	-	48,950.56	-	48,950.56	
1.4	40003081 PM kit EMA502	EU	1	9,589.42	9,589.42	-	9,589.42	-	9,589.42	

Signed:



Emmanuel Amankwah-Minkah, Commercial Director
For and on behalf of Wagtech Ghana Limited
 Date: 7th September, 2022

WAGTECH GHANA LIMITED
 P. O BOX 91211
 ACCRA - GHANA
 ACHIMOTA
 TEL: 0302412406/0307090326
 Email: info@wagtech.com.gh

PRICE SCHEDULE
PACKAGE NO.NR/UDS/WACWISA/GD/002/22- SUPPLY AND INSTALLATION OF HYDROGEN, CARBON AND NITROGEN ANALYSERS.

IFT No.: NR/UDS/WACWISA/GD/002/22

NAME OF TENDERER: WAGTECH GHANA LIMITED

S. No.	Description	Country of Origin	Qty	U/Price (GH¢) EXW	* Total Price (GH¢) EXW	**Total Price of Inland Delivery to Final Destination (GH¢)	Total CIP Site (GH¢)	Incidental Services & others (GH¢) (Installation)	Total Tender Price (GH¢)	Remarks
1	2	3	4	5	6=(4x5)	7	8=(6+7)	9 ****	10=(8+9)	11

2	Installation, Commissioning and Training (ICT) charges	EU	1	84,872.13	84,872.13	-	84,872.13	-	84,872.13	1,254,456.98
SUB-TOTAL (A)										
1% COVID-19 Health Recovery Levy (CRL)										
NHIL 2.5%										
GETFUND 2.5%										
SUB TOTAL B (SUB-TOTAL (A)+CRL 1%+NHIL 2.5%+GETFUND 2.5%)										
12.5% VAT										
GRAND TOTAL = SUB-TOTAL B + 12.5% VAT										
1,495,939.95										

SUB-TOTAL (A): (GH¢ 1,254,456.98) In words: One Million, Two Hundred and Fifty-Four Thousand, Four Hundred and Fifty-Six Ghana Cedis Ninety-Eight Pesewas.
1% COVID-19 Health Recovery Levy (CRL): (GH¢ 12,544.57) In words: Twelve Thousand, Five Hundred and Forty-Four Ghana Cedis Fifty-Seven Pesewas.
NHIL 2.5%: (GH¢ 31,361.42) In words: Thirty-One Thousand, Three Hundred and Sixty-One Ghana Cedis Forty-Two Pesewas.
GETFUND 2.5%: (GH¢ 31,361.42) In words: Thirty-One Thousand, Three Hundred and Sixty-One Ghana Cedis Forty-Two Pesewas.
SUB TOTAL B (SUB-TOTAL (A)+CRL 1%+NHIL 2.5%+GETFUND 2.5%): (GH¢ 1,329,724.40) In words: One Million, Three Hundred and Twenty-Nine Thousand, Seven Hundred and Twenty-Four Ghana Cedis Forty Pesewas.
12.5% VAT: (GH¢ 166,215.55) In words: One Hundred and Sixty-Six Thousand, Two Hundred and Fifteen Ghana Cedis Fifty-Five Pesewas.
GRAND TOTAL = SUB-TOTAL B + 12.5% VAT: (GH¢ 1,495,939.95) In words: One Million, Four Hundred and Ninety-Five Thousand, Nine Hundred and Thirty-Nine Ghana Cedis Ninety-Five Pesewas.

Signed:



Emmanuel Amankwah-Minkah, Commercial Director
For and on behalf of Wagtech Ghana Limited

Date: 7th September, 2022

WAGTECH GHANA LIMITED
P. O BOX AT 211
ACHIMOTA 5
ACCRA - GHANA
TEL: 0302412406/0307090326
mailto:info@wagtech.com.gh

Contract Form

THIS AGREEMENT made the 3rd day of November, 2022, between **University for Development Studies (UDS) – Tamale** of Ghana (hereinafter called “the Purchaser”) of the one part and **Wagtech Ghana Limited, P. O. Box AT 211, 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 Hydrogen, Carbon and Nitrogen Analysers** and has accepted a Tender by the Supplier for the supply of those goods and services in the sum of **One Million, Four Hundred and Ninety Five Thousand, Nine Hundred and Thirty Nine Ghana Cedis, Ninety Five Pesewas (GHs 1,495,939.95)** (hereafter called “the Contract Price”).

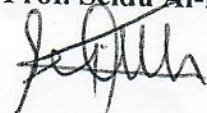
NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

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.

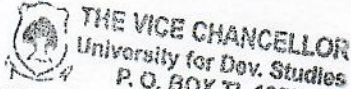
IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with their respective laws the day and year first above written.

On behalf of the Purchaser

Name: **Prof. Seidu At-hassan**

Signature: 

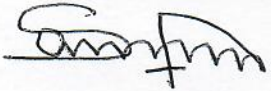
Designation: **Vice-Chancellor**

Seal: 

Date: **03/11/2022 TAMALE**

Witnessed By:

Name: **Ing. Samuel B. Abiko**

Signature: 


Designation: **Director, WPD**

Date: **03/11/2022**

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

On behalf of the Supplier

Name: **GEORGE KORANKYE**

Signature: 

Designation: **MANAGING DIRECTOR**

Seal:

WAGTECH GHANA LIMITED

P. O. BOX AT 211

ACHIMOTA

ACCRA - GHANA

TEL: 0302412406/0307090326

Email: info@watech.com.gh

Date: **03/11/2022**

Witnessed by:

Name: **Emmanuel Amankwal-Munko**

Signature: 

Designation: **Commercial Director**

Date: **03/11/2022**

WEST AFRICAN CENTRE FOR WATER, IRRIGATION AND SUSTAINABLE AGRICULTURE
(WACWISA)



INTERNAL MEMORANDUM

FROM : Administrative Coordinator
TO : Director
DATE : 14th February 2022
SUBJECT: REQUEST FOR THE PROCUREMENT OF LABORATORY EQUIPMENT FOR
THE NEW WACWISA OFFICE COMPLEX BUILDING

I write to request your approval for the procurement of the attached list of laboratory equipment for the new WACWISA office complex building located at the Nyankpala Campus of the UDS.

Sir, it will be very much appreciated if approval is given for the procurement these items.

Submitted for your kind approval, Sir.

Bernard Alando ChPA, CMC
Administrative Coordinator, WACWISA

② PC
Approved
15/2/22

**LIST OF LABORATORY EQUIPMENT FOR THE NEW WACWISA OFFICE COMPLEX
BUILDING**

S/No	Name of Equipment	Analysis	Specification	Quantity
1.	Environmental chamber		Technical Specification - 23 output channels for the control of lighting, logic events, convenience outlets, etc. - Onboard diagnostics, ambient temperature monitoring and power failure event logging for improved troubleshooting - The added security of an independent temperature alarm - Dual experiment protection with primary limit and independent secondary limit - Backwards compatible with all existing systems	2
2.	Microscope (dissecting scope with camera)		- Trinocular or binocular dissecting microscopes with a zooming range of 6.7x-45x. - Can be attached to the digital camera which takes photos of the viewing images. - Have a dual-LED illuminator and they can rotate at 360°. - Magnification can be changed by adding auxiliary objectives or different eyepieces.	3
3.	Erlenmeyer Flasks-set		Erlenmeyer Flasks-set of 12 (1L) Corning Pyrex #4980-1L, 1000ml Narrow Mouth	5

			Erlenmeyer Flask with Rubber Stopper (Single)?	
4.	Scale 0.01 g		Scale 0.01 g	5
5.	Open Channel Velocity Water Current Meter	MGG/KL-DCB series of electromagnetic velocity meters is the portable measuring instrument of velocity and flow, which is professionally designed for agricultural irrigation, hydrologic monitoring, river flow monitoring, municipal water, industrial sewage and etc.	Variable Area Water Flowmeters Canal deep: <=20m Canal bottom width: <=20m Accuracy: ±1.0% Flow velocity: 0.01m/s-10m/s Power supply: 1.5V*5 removable alkaline batter Measure: velocity + flow + level Communication interface: RS485 Water level indication: water level is 5-digits, the flow velocity is 5-digits	10
6.	Submersible Analog Water Level Sensor	Measuring depth in dams, rivers, lakes, sea, well	Accuracy : ≤ ±0.5%F.S; ≤ ±0.25%F.S; ≤ ±0.1%F.S Level range: 0.5m to 500m optional	10
7.	Potalab+ PTW10010	Provides portable analysis of a wide and comprehensive range of key drinking water quality parameters	Contains: Photometer 7500 and light cap, 6 photometer cuvettes, photometer reagents for 200 tests for Free and Total Chlorine, Ammonia, Fluoride, Nitrite and Nitrate Turbimeter Plus, SDVB calibration standards, 4 sample cuvettes, silicone oil, cleaning/oiling cloth PalintestArsenator Digital Arsenic Test System, unique three-stage filter	2

			assembly, conical flask, consumables for 200 Arsenic tests Micro 800 pH/Temperature Meter with pH calibration buffers Micro 800 Conductivity/TDS Meter with conductivity calibration standard Cuvette brush, Dilution tubes, crush/stir rods, De-ion pack, instructions	
8.	Spectrophotometer	Laboratory Spectrophotometer for water analysis	DR6000 Benchtop Spectrophotometer	1
9.	Digital Flame Photometer	Determination of Na, K, Ca, Ba & Li	FP910-5 (for the analysis of five elements - Sodium, Potassium, Calcium, Lithium and Barium)	1
10.	Hydrogen, carbon, and nitrogen analyzer	For analysis of carbon, nitrogen, hydrogen, sulfur	ORGANIC ELEMENTAL ANALYZER with O, Cl, TIC and TOC option + 120 Positions Autosampler + 21 CFR Part 11 functionality	1
11.	TOC Analyzer	Analysis of total organic carbon	PC-controlled model + Autosampler ASI-L (with 9 mL, 24 mL, and 40 mL Vial Types) + TN (Total Nitrogen) Unit TNM-L+ Solid Sample Combustion Unit SSM-5000A	1
12.	Metalyser Field Pro	Measure up to 16 parameters in water	Field Pro HM3000 + Model Field Pro HM4000 for Soils	1
13.	Multi parameter probe	Multiparameter Waterproof Meter with optional GPS	HI-9829 [HI9829-13202] Multiparameter PH / ISE / EC / DO / Turbidity w/ GPS, Datalogging & 20m Cable	1

14.	Tilting Flume	A tilting flume with transparent side walls which give a complete view of the flow along the entire length of a 6 m test section. The dimensions and design of the channel are in conformity with Chézy's four conditions for steady uniform flow. Water flows in a closed circuit.	EH1000- Hydraulic Channel with Variable Slope	1
15.	Flow Visualisation Flume for Sediment Transport Studies	A pilot sediment transport flume like most rivers and canals to give for an engineer engaged on studies in such fields as geology, hydrology, irrigation, etc.	Technical specifications : 1 kW stainless steel centrifugal pump Water tank Magnetic float needle type flow meter. 2 vernier gauges. 1 pitot tube 1 thin-walled weir with ventilated ply, 2 thick weirs, 1 venturi, 1 vertical guillotine valve 2 bridge piers, 1 triangular weir and 1 rough bed	1
16.	Aerobic Sludge Sewage Treatment with Anoxia Nitrification-Denitrification with Data Acquisition System + accessories	Elimination of carbon, nitrogenous and phosphorous pollution, by microbiologic way.	Technical Specification - A 300 litres feeding tank in PE with cover (4 to 5 days autonomy) - Stainless steel circulator to maintain the substrate in agitation - An anoxia tank, totalvolum of 15 litres in Altuglass	1

			<ul style="list-style-type: none"> - An aeration tank of 40 litres in Altuglass - A clarification tank in - Altuglass of 30 litres - A decantation tank of 12 litres - A substrate peristaltic feeding pump with timer - A sludge peristaltic recycling pump with timer - A mixed liquor peristaltic recycling pump with timer - Peristaltic pump with fix speed fo the doing of acid/base - Probes for O₂ rate, Ph and temperature - A compressor (1.2 m³/h at 2 bars) with a needle valve and a manometer - A pH measurement devise with a 4 litres tank and a fix flow pump - Two stirrers with speed control (anoxia and aeration tanks) - A gas rotameter - A rotameter for the substrate - The pilot is made of PVC and Plexiglass on a stainless steel frame with aluminium nuts 	
17.	Flow Measurement in Open Channel	This test bench makes it possible to study the various methods of measurement of flows in open pipelines: by triangular, rectangular, venturi and	<p>Technical specifications:</p> <p>One channel : useful dimensions : L x W x D: 2400 x 100 x 180 mm in Altuglass. A stabilizing basin upstream of the circuit with a safety device and safety weir,</p>	1

		<p>limnimetric outfall measurements or ultrasound sensor + accessories.</p>	<p>A graduated drain pan for flow measurement at low flows.</p> <p>This tank is followed by another tank allowing the return of the flow to the pump, either by two drowned pipes, or by two partially denuded pipes,</p> <ul style="list-style-type: none"> - A feed tray - A float flowmeter - A stainless steel centrifugal pump whose flow rate can be adjusted either by a diaphragm valve or by a variable speed drive. This flow can be checked using the float flowmeter. <p>Two gauges allowing the survey of the water line in the canal. They will be moved along the canal depending on the weirs,</p> <p>The measuring bench is mounted on a stainless-steel frame.</p> <p>The IP55 control cabinet includes the pump control, its dimmer, the sensor display, circuit breakers, fuses, on / off, emergency stop.</p>	
18.	ICP-OES	<p>Used to find out what elements are present in a certain material and quantify them. This is done by dissolving the</p>	<p>ICP-OES: Inductively Coupled Plasma - Optical Emission Spectroscopy</p>	1

		<p>material in acid and diluting with water. Nitric acid is the most common acid used as most elements form water soluble nitrates. The water solution can then be pumped into the instrument nebulizer, which turns the sample into a spray that is later fed into the plasma.</p>		
--	--	---	--	--

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: **NR/UDS/WACWISA/GD/007/2022**

Your Ref: OFFICE OF THE VICE-CHANCELLOR

Date: **November 23, 2022**

The Managing Director
Wagtech Ghana Limited
P.O. Box AT 211
Accra

Dear Sir,

NOTIFICATION OF AWARD

This is to notify you that your Tender dated September 7, 2022 for execution of the contract for the **Supply and Installation of Laboratory Equipment –Lot 1 (Contract No: NR/UDS/WACWISAGD/007/2022)**, in the amount of **Two Million, Seven Hundred and Sixty Four Thousand, Six Hundred and Seventy Three Ghana Cedis, Sixty One Pesewas (GHs 2,764,673.61)** as corrected in accordance with the Instructions to Tenderers for delivery within Twelve (12) weeks is hereby accepted.

This Notification of Award will constitute the formation of contract. However, until and unless you furnish the Performance Security of **Two Hundred and Seventy Six Thousand, Four Hundred and Sixty Seven Ghana Cedis, Thirty Six Pesewas (GHs 276,467.36)** 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. Seidu Al-hassan (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: The Pro Vice Chancellor, UDS
The Registrar, UDS
The Director, WPD, UDS
The Director of Finance, UDS
The Secretary, Tender Committee, UDS
The Ag. Director of Internal Audit, UDS
The Director of Procurement, UDS
The Director, WACWISA UDS
The Head of Stores, UDS

UNIVERSITY FOR DEVELOPMENT STUDIES



PROJECTS

PAYMENT VOUCHER

PV NO: PV226068

ALLOCATION:		DESCRIPTION	AMOUNT
PAY: WAGTECH GHANA LIMITED	6/27/2023	PAYMENT FOR SUPPLY&INSTALLATION OF LABORATORY EQUIPMENT--LOT	GHS
PREPARED BY NAJMU			2,852,239.05
AMT IN WORDS			TWO MILLION EIGHT HUNDRED FIFTY-TWO THOUSAND TWO HUNDRED THIRTY-NINE GHANA CEDIS, FIVE GHANA PESEWAS ONLY

I CERTIFY that the above amount is correct
DATE: 6/27/2023

A. Mustam
Schedule Officer

Invoice num: LAB EQUIP/WACWISA

DEBIT ACCOUNT CODE
2999002-CA-PRJ 3,250,027.48

Authorised and passed for Payment:	2,666,142.31
Tax	
VAT	583,885.17
FLAT	0.00
WITHOLD CEN	-199,960.67
WITHVAT CEN	-197,827.76
Net Amount Payable	2,852,239.05

System Batch Details Batch: 14,254.00 Entry: 2.00

PROJECT ACCOUNTANT: *[Signature]*
Date: 27/06/23

Cheque Number: 000498
Bank: ECOBANK WACWISA ACCOUNT
Date: 27/06/2023

Approved By *[Signature]*

Verified by Internal Audit
UNIVERSITY FOR DEV'T STUD.
INTERNAL AUDIT SUPERVISOR
CHECKED BY: *[Signature]* 27/06/2023
APPROVED BY: *[Signature]*

Receive this day of 20 In respect of Payment

The Sum of

..... Ghana Cedis Pesewas

Signature of Receiver

Name & Telephone of Receiver

PV226068

UNIVERSITY FOR DEVELOPMENT STUDIES

(Procurement Directorate)



Memorandum

To : Director, WACWISA
From : Director of Procurement
Date : June 26, 2023
Subject : PAYMENT FOR THE SUPPLY AND INSTALLATION OF LABORATORY EQUIPMENT WACWISA – LOT 1

I write for approval for the payment of an amount of **Three Million, Two Hundred and Fifty Thousand and Twenty Seven Ghana Cedis, Forty Eight Pesewas (Gh¢ 3,250,027.48)** to **Wagtech Ghana Limited, Accra** for the above as per the VAT invoices Numbered (22/0504454) and confirmation of work done memo attached

Duke A. Fredua
Director of Procurement

cc: Director of Finance
Director of Internal Audit
File

④ Sch. Officer
Pls process form
WACWISA ad. alc.
Mutty
27/6/23

② FC
Approved
26/6/23

③ Project Acct.
Pls process payment
JH
27/6/23

WEST AFRICAN CENTRE FOR WATER, IRRIGATION AND SUSTAINABLE AGRICULTURE
(WACWISA)



INTERNAL MEMORANDUM

FROM : Lecturer/Head of Laboratory

TO : Director, WACWISA

DATE : 26th June, 2023

SUBJECT: **REPORT ON THE SUPPLY AND INSTALLATION OF LABORATORY EQUIPMENT FOR CONTRACT LOT 1**

Please, I write to report that the supply and installation of Laboratory Equipment for **Contract Lot 1** is completed successfully.

The equipment were tested with installation team and the WACWISA laboratory team and I write to indicate that they are working as required.

Thank you.

Dr. Richard Osei Agyemang
(Head of Laboratories)

② pc
M for the necessary adv 26/6/23

GHANA REVENUE AUTHORITY

ORIGINAL (CUSTOMER)

22/ 0504454



REPUBLIC OF GHANA

TAX INVOICE

From WLAETECH GHANA LTD

Supplier's TIN C0002351579

Customer's TIN

Date of Invoice 20/06/2023

To UNIVERSITY FOR DEVELOPMENT STUDIES, UDS

Date of Supply 05/05/2023

QTY	DESCRIPTION	UNIT PRICE (excluding VAT & COVID-19 LEVY)	AMOUNT
1	CONTRACT FOR THE SUPPLY AND INSTALLATION OF LABORATORY EQUIPMENT - LOT 1 CONTRACT NO: MR/UDS/ WASHISA/ GD/001/02	2,666,142.31	2,666,142.31
(i) Tax Exclusive Value			2,666,142.31
(ii) NHIL (2.5%)			66,653.58
(iii) GETFund Levy (2.5%)			66,653.58
(iv) COVID-19 Levy (1%)			26,661.42
(v) Total Levy Inclusive Value (i+ii+iii+iv)			2,826,110.89
(vi) VAT (12.5%) (v)			423,916.63
(vii) Total Tax Inclusive Value (v+vi)			3,250,027.48

Terms of Payment

CHEQUE

GRA FORM C (VAT REGULATION 21(1)(2))

Supplier's Signature

Procurement Department
University for Development Studies,
UDS, Central Administration (Off
Kumasi Road), Room 104, Tamale
Northern Region

Wagtech Ghana Ltd.
 Plot 8, Justice A. Brobbey
 Ave. 2nd Street, New
 Achimota Mile 7 GW1109-
 Accra.
 P. O. Box AT 211
 Achimota Market Mall
 Accra – Ghana
 Tel: +233 (0) 302-910 951
 (0) 30-709 0326
 Tel/Fax: 0302 412 406
 info@wagtechgh.com
 info@wagtech.com.gh

INVOICE NO. WG/2023-20-06-010rev/GAA-ka
CONTRACT FOR THE SUPPLY AND INSTALLATION OF LABORATORY
EQUIPMENT-LOT 1
PACKAGE NO. NR/UDS/WACWISA/GD/001/22

Item	Description	Unit	Qty	Unit Price (GH¢)	Total Price (GH¢)
LABORATORY EQUIPMENT (LOT 1)					
2	WLS50-PRO STANDARDS KIT- CHN/S(O) Kit 1 2,508.04 2,508.04 - includes benzoic acid (02401120), acetanilide (02401121), cyclohexanone (02401347), cystine (N2410324) and sulfamic acid (N2410501).	Each	10	117,974.11	1,179,741.07
3	LPV441.99. 00002 UV VIS Spectrophotometer DR6000 without RFID, 16mm Reference beam technology for compensation of reference signal IBR+ Barcode Reading System for automatic test recognition of 2D Barcode-cuvette-tests and expiry date 10 fold measurement for outlier Elimination Wavelength Range 190-1100 nm Spectral Band with 2 nm Wavelength scan with 0,1 nm resolution More than 240 stored programs Program memory for 200 user specific methods Universal-Adapter for rectangular cells (10, 20, 50 mm, 1 inch), round cells 1 Inch Time-Scan with individual Programming 3 USB-interfaces for data storage devices, keyboard, printer, barcode Scanner Ethernet (RJ 45) interface for direct integration into local area networks (LAN) High resolution TFT-7" WVGA colour touch display LINK2SC for bidirectional data exchange with process sensors for matrix corrections Optional carousel changer to conduct miniseries or cumulating measurements, e. g. enzymatic Energy saving sleep mode function Scope of supply: 2 x Power Cord (country specific: US, E1x Universal-Adapter 1x I Inch cell, matched pair 1x Dust Cover U) CD ROM with comprehensive user manual, working procedures, reference guides for accessories Printed multilingual basic user manual	Each	2	412,362.15	824,724.29
4	FP910-5 Digital Flame Photometer Microprocessor Controlled for the quick and simple determination of Sodium, Potassium, Calcium, Barium and Lithium in one single aspiration. System has a 7-inch Embedded Colour Touch Screen offering colour graphics such as calibration graph and data, simultaneous analytical results, selection of elements, concentration unit selection etc, Automatic calculation of curve coefficients. Language Selection (currently English, Turkish and Portuguese - More to follow) Flame out safety protection sensor. Direct Printing using integral thermal printer. USB interface to connect with PC for Data Collection Software. Automatic selection of filters. Up to 12 point calibration capability. Water Trap and Air Pressure adjustment on main unit. Oil Free Air compressor with buffer tank	Each	1	85,375.75	85,375.75
4.1	910-006 FP910 Touch Station-Pro data collection software Allows for data and calibration factors and data to be stored on to a Windows Based PC. Full control of the basic collection of data from the Flame Photometer for models Fp910-4 and FP901-5	Each	1	12,100.89	12,100.89

	is available. The software is pre loaded on to a 10 inch Windows Tablet operating in Windows 10 with a touch screen. FP910 Touch Station Pro will allow the exporting of data in Excel Format, MS Word and PDF. USB Interface and Tablet Stand are included.				
4.2	STD-NA 500ml of 1mg/ml standard solution of Sodium	Each	1	4,148.88	4,148.88
4.3	STD-K 500ml of 1mg/ml standard solution of Potassium	Each	1	4,148.88	4,148.88
4.4	STD-LI 500ml of 1mg/ml standard solution of Lithium	Each	1	4,148.88	4,148.88
4.5	STD-CA 500ml of 1mg/ml standard solution of Calcium	Each	1	4,148.88	4,148.88
4.6	STD-BA 500ml of 1mg/ml standard solution of Barium	Each	1	4,148.88	4,148.88
4.7	910-002 Complete Nebuliser including burner and atomiser	Each	1	7,952.01	7,952.01
5	C4-MKII-2. 5M-11-A Multi-purpose Flume - 2.5m with Basic Accessories & Flowmeter (Incorporates Basic Hydraulics Bench F1-10-A)	Each	1	433,411.59	433,411.59
5.1	F1-10-2-A Digital Hydraulics Bench with Flow Meter	Each	1	102,092.33	102,092.33
SUB-TOTAL A					2,666,142.31
1% COVID-19 Health Recovery Levy (CRL)					26,661.42
NHIL-2.5%					66,653.56
GETFUND-2.5%					66,653.56
SUB TOTAL B (SUB TOTAL-A + COVID-19 HRL-1%/ NHIL-2.5%/GETFUND-2.5%)					2,826,110.85
15% VAT					423,916.63
GRAND TOTAL = SUB-TOTAL B + 15% VAT					3,250,027.48
Amount in Words: Three Million, Two Hundred and Fifty Thousand, and Twenty-Seven Ghana Cedis Forty-Eight Pesewas.					

PAYMENT MODE

PAYMENT BY	CHEQUE ISSUED IN OUR FAVOUR OR BY BANK TRANSFER
BANK NAME	NATIONAL INVESTMENT BANK
ACCOUNT NAME	WAGTECH GHANA LIMITED
ACCOUNT NUMBER	1112002609101
BRANCH NAME	OSU
BRANCH NUMBER	12
SORT CODE	050111
SWIFT CODE	NIBGGHAC

Yours faithfully
WAGTECH GHANA LIMITED



Irene Ohene Akoto
Office Manager

WAGTECH GHANA LIMITED
P. O. BOX AT 211, ACHIMOTA
ACGRA - GHANA
TEL: 0302412406/0307090326
Email: info@wagtech.com.gh

UNIVERSITY FOR DEVELOPMENT STUDIES



PROJECTS

PAYMENT VOUCHER

PV NO: **PV226181**

ALLOCATION:

PAY:	DESCRIPTION	AMOUNT
WAGTECH GHANA LIMITED	FINAL PAYMENT IFO WAGTECH GH. LTD PER PV(226068)	GHS
7/4/2023	<i>Correction on PV226068</i>	
PREPARED BY		119,976.40
NAJMU		
	AMT IN WORDS	ONE HUNDRED NINETEEN THOUSAND NINE HUNDRED SEVENTY-SIX GHANA CEDIS, FORTY GHANA PESEWAS ONLY

I CERTIFY that the above amount is correct

DATE: **7/4/2023**

[Signature]
Schedule Officer

Invoice num: **WAGTECH/PV226068**

DEBIT ACCOUNT CODE

2999002-CA-PRJ

119,976.40

Authorised and passed for Payment:	119,976.40	System Batch Details	Batch: <u>14,309.00</u> Entry: <u>3.00</u>
Tax	VAT 0.00	Cheque Number:	<u>000510</u>
	FLAT 0.00	Bank:	ECOBANK WACWISA ACCOUNT
	WITHOLD CEN 0.00	Date:	<u>06/07/2023</u>
	WITHVAT CEN 0.00		
Net Amount Payable	119,976.40		
PROJECT ACCOUNTANT:	<i>[Signature]</i>		
Date:	<u>06/07/2023</u>		

Approved By

[Signature]

Verified by Internal Audit

UNIVERSITY FOR DEVT STUD.
INTERNAL AUDIT DIRECTORATE

CHECKED BY: *[Signature]*

APPROVED BY: *[Signature]*

06/07/2023

Receive this day of 20 In respect of Payment

The Sum of

..... Ghana Cedis Pesewas

Signature of Receiver

Name & Telephone of Receiver

paid into MIB DSU branch 9/2/11/200260910

UNIVERSITY FOR DEVELOPMENT STUDIES



PROJECTS PAYMENT VOUCHER

PV NO: PV226068

ALLOCATION:

PAY:	DESCRIPTION	AMOUNT
WAGTECH GHANA LIMITED	PAYMENT FOR SUPPLY&INSTALLATION OF LABORATORY EQUIPMENT--LOT	GHS
6/27/2023		
<u>PREPARED BY</u> NAJMU		
	AMT IN WORDS	TWO MILLION EIGHT HUNDRED FIFTY-TWO THOUSAND TWO HUNDRED THIRTY-NINE GHANA CEDIS, FIVE GHANA PESEWAS ONLY
		2,852,239.05

I CERTIFY that the above amount is correct

DATE: 6/27/2023

A. Mustam
Schedule Officer

Invoice num: LAB EQUIP/WACWISA

DEBIT ACCOUNT CODE

2999002-CA-PRJ

3,250,027.48

Authorised and passed for Payment:	2,666,142.31
Tax	
VAT	583,885.17
FLAT	0.00
WITHOLD CEN	-199,960.67
WITHVAT CEN	-197,827.76
Net Amount Payable	<u>2,852,239.05</u>

System Batch Details Batch: 14,254.00 Entry: 2.00

PROJECT ACCOUNTANT:

Date:

Sh
27/06/23

Cheque Number:

Bank:

Date:

000498

ECOBANK WACWISA ACCOUNT

27/06/2023

Approved By

Verified by Internal Audit

A. Mustam
27/06/2023

Receive this day of 20 In respect of Payment

The Sum of

Ghana Cedis

Pesewas

Signature of Receiver

Name & Telephone of Receiver

PV226068

UNIVERSITY FOR DEVELOPMENT STUDIES
(Procurement Directorate)



Memorandum

To : Director, WACWISA
From : Director of Procurement
Date : June 26, 2023
Subject : PAYMENT FOR THE SUPPLY AND INSTALLATION OF LABORATORY EQUIPMENT WACWISA – LOT 1

I write for approval for the payment of an amount of **Three Million, Two Hundred and Fifty Thousand and Twenty Seven Ghana Cedis, Forty Eight Pesewas (Ghc 3,250,027.48)** to **Wagtech Ghana Limited, Accra** for the above as per the VAT invoices Numbered (22/0504454) and confirmation of work done memo attached

Duke A. Fredua
Director of Procurement

cc: Director of Finance
Director of Internal Audit
File

④ Sch. Officer
Pls process from
WACWISA adi alc.
Muthy
27/06/23

② FC
Approved [Signature]
26/6/23

③ Project Acct.
pls process payment
[Signature]
27/6/23

GHANA REVENUE AUTHORITY

BUYER (CUSTOMER)

22/ 0504454



REPUBLIC OF GHANA

TAX INVOICE

wagtech
GHANA

Wagtech Ghana Ltd.
Plot 8, Justice A. Brobbey
Ave. 2nd Street, New
Achimota Mile 7 GW 1109
Accra.
P. O. Box AT 211
Achimota Market Mall
Accra - Ghana
Tel: +233 (0) 302-910 95
(0) 307-090 326
(0) 20-222 2079
Tel/Fax: 0302 412 406
georgek@wagtech.com.gh

01/GK-ka

From WAGTECH GHANA LTD

Supplier's TIN C0002351579

Customer's TIN

To UNIVERSITY FOR DEVELOPMENT
STUDIES, LIDS

Date of Invoice 20/06/2023

ORY
(2022).

Date of Supply 05/05/2023

act. We write

QTY	DESCRIPTION	UNIT PRICE <small>(excluding VAT & COVID-19 LEVY)</small>	AMOUNT
1	CONTRACT FOR THE SUPPLY AND INSTALLATION OF LABORATORY EQUIPMENT - LOT 2 CONTRACT NO: NR/ LIDS / WASHISA / GD / 001 / 02	2,666,142.31	2,666,142.31
(i) Tax Exclusive Value			2,666,142.31
(ii) NHIL (2.5%)		66,653.58	
(iii) GETFund Levy (2.5%)		66,653.58	
(iv) COVID-19 Levy (1%)		26,661.42	
(v) Total Levy Inclusive Value (i+ii+iii+iv)			2,826,110.85
(vi) VAT (12.5%) (v)			423,916.63
(vii) Total Tax Inclusive Value (v+vi)			3,250,027.48

act for

Terms of Payment CHEQUE

Supplier's Signature

GRA FORM C (VAT REGULATION 21(1)(2))

19 June, 2023

The Vice-Chancellor,
University for Development Studies, UDS,
Central Administration (off Kumasi Road),
P.O. Box 104, Tamale
Northern Region



Wagtech Ghana Ltd.
Plot 8, Justice A. Brobbey
Ave. 2nd Street, New
Achimota Mile 7 GW 1109 -
Accra.
P. O. Box AT 211
Achimota Market Mall
Accra - Ghana
Tel: +233 (0) 302-910 951
(0) 307-090 326
(0) 20-222 2079
Tel/Fax: 0302 412 406
georgek@wagtech.com.gh

Our Ref.: WG/2306-0101/GK-ka

Dear Sir,

**CONTRACTS FOR THE SUPPLY AND INSTALLATION OF LABORATORY
EQUIPMENT-LOT 1 (CONTRACT.NO.: NR/UDS/WACWISA /GD/007/2022).**


REQUEST FOR CONTRACTS PRICE VARIATION.

With reference to your letter dated **19th June, 2023** in respect of the above-mentioned Contract. We write to accept the price increment of the original Contract Price.

Enclosed in this letter is our Invoices covering the goods which was supplied under this contract for settlement.

We thank you for this award.

Yours faithfully
WAGTECH GHANA LIMITED


George Korankye
Managing Director

CC: The Pro Vice-Chancellor, UDS
The Registrar, UDS
The Director-WPD, UDS
The Director of Finance, UDS
The Director, WACWISA, UDS

2) D, Proc / D, WPD / D, OF
pls, f y r n g
[Signature]
22/06/23

...ne, 2023
 ment Department
 alty for Development Studies,
 entral Administration (Off
 asi Road), Room 104, Tamale
 hthern Region

Wagtech Ghana Ltd.
 Plot 8, Justice.A.Brobby
 Ave.2nd Street, New
 Achimota Mile7 GW1109-
 Accra.
 P. O. Box AT 211
 Achimota Market Mall
 Accra – Ghana
 Tel: +233 (0) 302-910 951
 (0) 30-709 0326
 Tel/Fax: 0302 412 406
 info@wagtechgh.com
 info@wagtech.com.gh

INVOICE NO. WG/2023-20-06-010rev/GAA-ka
CONTRACT FOR THE SUPPLY AND INSTALLATION OF LABORATORY
EQUIPMENT-LOT 1
PACKAGE NO.NR/UDS/WACWISA/GD/001/22

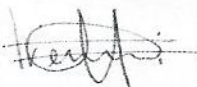
Item	Description	Unit	Qty	Unit Price (GH¢)	Total Price (GH¢)
LABORATORY EQUIPMENT (LOT 1)					
2	WSL50-PRO STANDARDS KIT- CHN/S(O) Kit 1 2,508.04 2,508.04 - includes benzoic acid (02401120), acetanilide (02401121), cyclohexanone (02401347), cystine (N2410324) and sulfamic acid (N2410501).	Each	10	117,974.11	1,179,741.07
3	LPV441.99. 00002 UV VIS Spectrophotometer DR6000 without RFID, 16mm Reference beam technology for compensation of reference signal IBR+ Barcode Reading System for automatic test recognition of 2D Barcode-cuvette-tests and expiry date 10 fold measurement for outlier Elimination Wavelength Range 190-1100 nm Spectral Band with 2 nm Wavelength scan with 0,1 nm resolution More than 240 stored programs Program memory for 200 user specific methods Universal-Adapter for rectangular cells (10, 20, 50 mm, 1 inch), round cells 1 Inch Time-Scan with individual Programming 3 USB-interfaces for data storage devices, keyboard, printer, barcode Scanner Ethernet (RJ 45) interface for direct integration into local area networks (LAN) High resolution TFT-7" WVGA colour touch display LINK2SC for bidirectional data exchange with process sensors for matrix corrections Optional carousel changer to conduct miniseries or cumulating measurements, e. g. enzymatic Energy saving sleep mode function Scope of supply: 2 x Power Cord (country specific: US, E1x Universal-Adapter 1x I Inch cell, matched pair 1x Dust CoverU) CD ROM with comprehensive user manual, working procedures, reference guides for accessories Printed multilingual basic user manual	Each	2	412,362.15	824,724.29
4	FP910-5 Digital Flame Photometer Microprocessor Controlled for the quick and simple determination of Sodium, Potassium, Calcium, Barium and Lithium in one single aspiration. System has a 7-inch Embedded Colour Touch Screen offering colour graphics such as calibration graph and data, simultaneous analytical results, selection of elements, concentration unit selection etc, Automatic calculation of curve coefficients. Language Selection (currently English, Turkish and Portuguese - More to follow) Flame out safety protection sensor. Direct Printing using integral thermal printer. USB interface to connect with PC for Data Collection Software. Automatic selection of filters. Up to 12 point calibration capability. Water Trap and Air Pressure adjustment on main unit. Oil Free Air compressor with buffer tank	Each	1	85,375.75	85,375.75
4.1	910-006 FP910 Touch Station-Pro data collection software Allows for data and calibration factors and data to be stored on to a Windows Based PC. Full control of the basic collection of data from the Flame Photometer for models Fp910-4 and FP901-5	Each	1	12,100.89	12,100.89

	able. The software is pre loaded on to a 10 inch s Tablet operating in Windows 10 with a touch i. FP910 Touch Station Pro will allow the exporting of in Excel Format, MS Word and PDF. USB Interface and let stand are included.				
	STD-NA 500ml of 1mg/ml standard solution of Sodium	Each	1	4,148.88	4,148.88
	STD-K 500ml of 1mg/ml standard solution of Potassium	Each	1	4,148.88	4,148.88
	STD-LI 500ml of 1mg/ml standard solution of Lithium	Each	1	4,148.88	4,148.88
	STD-CA 500ml of 1mg/ml standard solution of Calcium	Each	1	4,148.88	4,148.88
4.6	STD-BA 500ml of 1mg/ml standard solution of Barium	Each	1	4,148.88	4,148.88
4.7	910-002 Complete Nebuliser including burner and atomiser	Each	1	7,952.01	7,952.01
5	C4-MKII-2. 5M-11-A Multi-purpose Flume - 2.5m with Basic Accessories & Flowmeter (Incorporates Basic Hydraulics Bench F1-10-A)	Each	1	433,411.59	433,411.59
5.1	F1-10-2-A Digital Hydraulics Bench with Flow Meter	Each	1	102,092.33	102,092.33
SUB-TOTAL A					2,666,142.31
1% COVID-19 Health Recovery Levy (CRL)					26,661.42
NHIL-2.5%					66,653.56
GETFUND-2.5%					66,653.56
SUB TOTAL B (SUB TOTAL-A + COVID-19 HRL-1%/ NHIL-2.5%/GETFUND-2.5%)					2,826,110.85
15% VAT					423,916.63
GRAND TOTAL = SUB-TOTAL B + 15% VAT					3,250,027.48
Amount in Words: Three Million, Two Hundred and Fifty Thousand, and Twenty-Seven Ghana Cedis Forty-Eight Pesevas.					

PAYMENT MODE

PAYMENT BY	CHEQUE ISSUED IN OUR FAVOUR OR BY BANK TRANSFER
BANK NAME	NATIONAL INVESTMENT BANK
ACCOUNT NAME	WAGTECH GHANA LIMITED
ACCOUNT NUMBER	1112002609101
BRANCH NAME	OSU
BRANCH NUMBER	12
SORT CODE	050111
SWIFT CODE	NIBGGHAC

Yours faithfully
WAGTECH GHANA LIMITED



Irene Ohene Akoto
Office Manager

WAGTECH GHANA LIMITED
P. O. BOX AT 211, ACHIMOTA
ACGRA - GHANA
TEL: 0302412406/0307090326
Email: info@wagtech.com.gh

UNIVERSITY FOR DEVELOPMENT STUDIES

P. O. Box 1350
Tamale, Ghana

173001639-03/2022078/01/2022/834
03720-22080
http://www.uds.edu.gh
mailto:vc@uds.edu.gh



June 19, 2023

Our Ref:

Your Ref:

OFFICE OF THE VICE-CHANCELLOR

Date:

**The Managing Director
WAGTECH Ghana Limited
P.O. Box AT 211
Accra**

Dear Sir,

**Re: Contracts for the Supply and Installation of Laboratory Equipment – Lot 1
(NR/UDS/WACWISA/GD/007/2022) – Request for Contract Price Variation**

I write with reference to your letter dated May 19, 2023 on the above subject. Your request has been examined by Management and a 15% price increment of the original Contract Price has been granted.

The VAT rate of 15% instead of the original 12.5% has also been granted since it is statutory. Your contract price has now increased from Two Million, Seven Hundred and Sixty Four Thousand, Six Hundred and Seventy Three Ghana Cedis Sixty One Pesewas (Gh¢2,764,673.61) to Three Million, Two Hundred and Fifty Thousand and Twenty Seven Ghana Cedis Forty Five Pesewas (Gh¢3,250,027.45).

You are to communicate in writing your acceptance of the new contract price and submit a revised invoice to cover the changes.

Thank you.

Yours faithfully,

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

cc: Pro-Vice-Chancellor
Registrar
Director, Finance
A.g Director of Internal Audit
Director, WPD
Director, WACWISA

PRICE SCHEDULE
PACKAGE NO.NR/UDS/WACWISA/GD/002/22- SUPPLY AND INSTALLATION OF HYDROGEN, CARBON AND NITROGEN ANALYSERS.

IFT No.: NR/UDS/WACWISA/GD/002/22

NAME OF TENDERER: WAGTECH GHANA LIMITED

S. No.	Description	Country of Origin	Qty	U/Price (GH¢) EXW	* Total Price (GH¢) EXW	**Total Price of Inland Delivery to Final Destination (GH¢)	Total CIP Site (GH¢)	Incidental Services & others (GH¢) (Installation)	Total Tender Price (GH¢)	Remarks
1	2	3	4	5	6=(4x5)	7	8=(6+7)	9 ****	10=(8+9)	11

HYDROGEN, CARBON AND NITROGEN ANALYSER

1	F30800100 "Elemental Analyzer CHNS-O, model EMA 502 - Precise, versatile, cloud-enabled micro elemental analyzer for Carbon, Hydrogen, Nitrogen, Sulfur and Oxygen determination with Helium and Argon as carrier gas - SAMPLE WEIGHT: Up to 100mg (depending on C content) - DETECTOR: TCD (Thermal Conductivity Detector) - AUTOSAMPLER CAPACITY: up to 4 discs, 30 positions each (up to 117 samples) - CARRIER GAS: Helium or Argon (Argon for CHN determination) - CONNECTIVITY: USB; RS232"	EU	1	1,164,713.17	1,164,713.17	-	1,164,713.17	-	1,164,713.17	
1.1	A00000433 "Kit approx. 1000 analysis for Oxygen - A pre-packaged solution that allows you to save time in choosing all the consumables needed to use your analyzer!"	EU	1	116,268.00	116,268.00	-	116,268.00	-	116,268.00	
1.2	A00000432 GC column for oxygen SS 1m	EU	1	50,524.92	50,524.92	-	50,524.92	-	50,524.92	
1.3	Kit approx. 1000 analysis for CHNS	EU	1	58,783.54	58,783.54	-	58,783.54	-	58,783.54	

Signed:



Emmanuel Amankwah-Minkah, Commercial Director
For and on behalf of Wagtech Ghana Limited
 Date: 10th May, 2023

WAGTECH GHANA LIMITED
 P. O. BOX AT 211
 ACCRA - GHANA
 TEL: 0302472406/0307098326
 Email: info@wagtech.com.gh

PRICE SCHEDULE
PACKAGE NO.NR/UDS/WACWISA/GD/002/22- SUPPLY AND INSTALLATION OF HYDROGEN, CARBON AND NITROGEN ANALYSERS.

NAME OF TENDERER: WAGTECH GHANA LIMITED

S. No.	Description	Country of Origin	Qty	U/Price (GH¢) EXW	* Total Price (GH¢) EXW	**Total Price of Inland Delivery to Final Destination (GH¢)	Total CIP Site (GH¢)	Incidental Services & others (GH¢) (Installation)	Total Tender Price (GH¢)	Remarks
1	2	3	4	5	6=(4x5)	7	8=(6+7)	9 ****	10=(8+9)	11
1.4	40003081 PM kit EMA502 Installation, Commissioning and Training (ICT) charges	EU	1	61,858.46	61,858.46	-	61,858.46	-	61,858.46	
2		EU	1	115,923.14	115,923.14	-	115,923.14	-	115,923.14	
SUB-TOTAL (A)										
1% COVID-19 Health Recovery Levy (CRL)										
NHIL 2.5%										
GETFUND 2.5%										
SUB TOTAL B (SUB-TOTAL (A))+CRL 1%+NHIL 2.5%+GETFUND 2.5%										
15%VAT										
GRAND TOTAL = SUB-TOTAL B + 15%VAT										
1,568,071.23										
15,680.71										
39,201.78										
39,201.78										
1,662,155.50										
249,323.33										
1,911,478.83										

GRAND TOTAL (GH¢ 1,911,478.83) In words: One Million, Nine Hundred and Eleven Thousand, Four Hundred and Seventy-Eight Ghana Cedis Eighty-Three Pesewas.

PLEASE NOTE:

- a. All our Price do Include all Import Tariffs as Import Duty, Import VAT, Ecowas Levy etc.

Signed:



Emmanuel Amankwah-Minkah, Commercial Director
 For and on behalf of Wagtech Ghana Limited
 Date: 10th May, 2023

WAGTECH GHANA LIMITED
 P. O BOX AT 211
 ACCRA - GHANA
 TEL: 0302472406/0307098326
 Email: info@wagtech.com.gh

UNIVERSITY FOR DEVELOPMENT STUDIES

Tel: 0372093659/0372022078/0372026634
Fax: 03730-22080
Website: www.uds.edu.gh
Email: vc@uds.edu.gh

P. O. Box 1350
Tamale, Ghana



NR/UDS/WACWISA/GD/002/2022

Our Ref:.....

October 25, 2022

Your Ref:.....

OFFICE OF THE VICE-CHANCELLOR

Date:.....

The Managing Director
Wagtech Ghana Limited
P.O. Box AT 211
Accra

Dear Sir,

NOTIFICATION OF AWARD

This is to notify you that your Tender dated September 7, 2022 for execution of the contract for the **Supply and Installation of hydrogen, carbon and nitrogen analyzers (Contract No: NR/UDS/WACWISAGD/002/2022)**, in the amount of **One Million, Four Hundred and Ninety Five Thousand, Nine Hundred and Thirty Nine Ghana Cedis, Ninety Five Pesewas (GHs 1,495,939.95)** as corrected in accordance with the Instructions to Tenderers for delivery within Twelve (12) weeks is hereby accepted.

This Notification of Award will constitute the formation of contract. However, until and unless you furnish the Performance Security of **One Hundred and Forty Nine Thousand, Five Hundred and Ninety Four Ghana Cedis (GHs149,594.00)** 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. Seidu Al-hassan (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: The Pro Vice Chancellor, UDS
The Registrar, UDS
The Director, WPD, UDS
The Director of Finance, UDS
The Secretary, Tender Committee, UDS
The Ag. Director of Internal Audit, UDS
The Director of Procurement, UDS
The Director, WACWISA UDS
The Head of Stores, UDS

224 390 99

University For Development Studies (UDS)
P.O. Box TL 1350
Tamale

Wagtech Ghana Ltd.
Plot 8, Justice A. Brobbey
Ave. 2nd Street, New
Achimota Mile 7 GW1109 -
0745 Accra.
P. O. Box AT 211
Achimota Market Mall
Accra - Ghana
Tel: +233 (0) 302-910 951
(0) 307-090 326
(0) 20-222 2079
Tel/Fax: 0302 412 406
info@wagtech.com.gh
georgek@wagtech.com.gh

Date: 7th September, 2022
IFT NO.: NR/UDS/WACWISA/GD/002/22

LETTER OF BID

Gentlemen and/ or Ladies:

Having examined the Tender documents including Addenda Nos. [0] the receipt of which is hereby duly acknowledged, we, the undersigned, offer to supply and deliver **HYDROGEN, CARBON AND NITROGEN ANALYSERS GH¢ 1,495,939.95 (In words: One Million, Four Hundred and Ninety-Five Thousand, Nine Hundred and Thirty-Nine Ghana Cedis Ninety-Five Pesewas.)** or in conformity with the said Tender documents 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 obtain the Bank Guarantee acceptable to the Purchaser in a sum equivalent to 10% (Ten 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 the period of 90 days from the date fixed for Deadline for Tender submission, and it shall remain binding upon us and may be accepted any time before the expiration of the 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:

NONE

NONE

NONE

WAGTECH GHANA LIMITED
P. O. BOX AT 211
ACHIMOTA
ACCRA - GHANA
TEL: 0302412406/0307090326
Email: info@wagtech.com.gh



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 bid you may receive.

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

Dated this **7th day of September, 2022**



.....
Emmanuel Amankwah-Minkah
Commercial Director

WAGTECH GHANA LIMITED
P. O BOX AT 211
ACHIMOTA
ACCRA - GHANA
TEL: 0302412406/0307090326
Email: info@waatech.com.gh

Duly authorized to sign Tender for and on behalf of **WAGTECH (GH) LTD.**

PRICE SCHEDULE
PACKAGE NO.NR./UDS/WACWISA/GD/002/22- SUPPLY AND INSTALLATION OF HYDROGEN, CARBON AND NITROGEN ANALYSERS.

NAME OF TENDERER: WAGTECH GHANA LIMITED

S. No.	Description	Country of Origin	Qty	U/Price (GH¢) EXW	* Total Price (GH¢) EXW	**Total Price of Inland Delivery to Final Destination (GH¢)	Total CIP Site (GH¢)	Incidental Services & others (GH¢) (Installation)	Total Tender Price (GH¢)	Remarks
1	2	3	4	5	6=(4x5)	7	8=(6+7)	9 ****	10=(8+9)	11

IFT No.: NR/UDS/WACWISA/GD/002/22

HYDROGEN, CARBON AND NITROGEN ANALYSER

1	F30800100 "Elemental Analyzer CHNS-O, model EMA 502 - Precise, versatile, cloud-enabled micro elemental analyzer for Carbon, Hydrogen, Nitrogen, Sulfur and Oxygen determination with Helium and Argon as carrier gas - SAMPLE WEIGHT: Up to 100mg (depending on C content) - DETECTOR: TCD (Thermal Conductivity Detector) - AUTOSAMPLER CAPACITY: up to 4 discs, 30 positions each (up to 117 samples) - CARRIER GAS: Helium or Argon (Argon for CHN determination) - CONNECTIVITY: USB; RS232"	EU	1	1,112,444.13	1,112,444.13	-	1,112,444.13	-	1,112,444.13	
1.1	A00000433 "Kit approx. 1000 analysis for Oxygen - A pre-packaged solution that allows you to save time in choosing all the consumables needed to use your analyzer!"	EU	1	63,998.96	63,998.96	-	63,998.96	-	63,998.96	
1.2	A00000437 GC column for oxygen SS 1m	EU	1	19,473.91	19,473.91	-	19,473.91	-	19,473.91	
1.3	A00000432 Kit approx. 1000 analysis for CHNS	EU	1	48,950.56	48,950.56	-	48,950.56	-	48,950.56	
1.4	40003081 PM Kit EMA502	EU	1	9,589.42	9,589.42	-	9,589.42	-	9,589.42	

Signed:



Emmanuel Amankwah-Minkah, Commercial Director
For and on behalf of Wagtech Ghana Limited

Date: 7th September, 2022

WAGTECH GHANA LIMITED
P. O. BOX 211
ACHIMOTA
ACCRA - GHANA
TEL: 0302412406/0307090326
Email: info@wagtech.com.gh

PRICE SCHEDULE
PACKAGE NO.NR/UDS/WACWISA/GD/002/22- SUPPLY AND INSTALLATION OF HYDROGEN, CARBON AND NITROGEN ANALYSERS.

IFT No.: NR/UDS/WACWISA/GD/002/22

NAME OF TENDERER: WAGTECH GHANA LIMITED

S. No.	Description	Country of Origin	Qty	U/Price (GH¢) EXW	* Total Price (GH¢) EXW	**Total Price of Inland Delivery to Final Destination (GH¢)	Total CIP Site (GH¢)	Incidental Services & others (GH¢) (Installation)	Total Tender Price (GH¢)	Remarks
1	2	3	4	5	6=(4x5)	7	8=(6+7)	9 ****	10=(8+9)	11
2	Installation, Commissioning and Training (ICT) charges	EU	1	84,872.13	84,872.13	-	84,872.13	-	84,872.13	
SUB-TOTAL (A)										
1% COVID-19 Health Recovery Levy (CRL)										
NHIL 2.5%										
GETFUND 2.5%										
SUB TOTAL B (SUB-TOTAL (A)+CRL 1%+NHIL 2.5%+GETFUND 2.5%)										
12.5% VAT										
GRAND TOTAL = SUB-TOTAL B + 12.5% VAT										
1,254,456.98										
12,544.57										
31,361.42										
31,361.42										
1,329,724.40										
166,215.55										
1,495,939.95										

SUB-TOTAL (A): (GH¢ 1,254,456.98) In words: One Million, Two Hundred and Fifty-Four Thousand, Four Hundred and Fifty-Six Ghana Cedis Ninety-Eight Pesewas.
1% COVID-19 Health Recovery Levy (CRL): (GH¢ 12,544.57) In words: Twelve Thousand, Five Hundred and Forty-Four Ghana Cedis Fifty-Seven Pesewas.
NHIL 2.5%: (GH¢ 31,361.42) In words: Thirty-One Thousand, Three Hundred and Sixty-One Ghana Cedis Forty-Two Pesewas.
GETFUND 2.5%: (GH¢ 31,361.42) In words: Thirty-One Thousand, Three Hundred and Sixty-One Ghana Cedis Forty-Two Pesewas.
SUB TOTAL B (SUB-TOTAL (A)+CRL 1%+NHIL 2.5%+GETFUND 2.5%): (GH¢ 1,329,724.40) In words: One Million, Three Hundred and Twenty-Nine Thousand, Seven Hundred and Twenty-Four Ghana Cedis Forty Pesewas.
12.5% VAT: (GH¢ 166,215.55) In words: One Hundred and Sixty-Six Thousand, Two Hundred and Fifteen Ghana Cedis Fifty-Five Pesewas.
GRAND TOTAL = SUB-TOTAL B + 12.5% VAT: (GH¢ 1,495,939.95) In words: One Million, Four Hundred and Ninety-Five Thousand, Nine Hundred and Thirty-Nine Ghana Cedis Ninety-Five Pesewas.

Signed: 
 Emmanuel Amankwah-Minkah, Commercial Director
 For and on behalf of Wagtech Ghana Limited
 Date: 7th September, 2022

WAGTECH GHANA LIMITED
 P. O BOX AT 211
 ACCRA - GHANA
 TEL: 0302412406/0307090326
 Email: info@wagtech.com.gh

Contract Form

THIS AGREEMENT made the 3rd day of November, 2022, between **University for Development Studies (UDS) – Tamale** of Ghana (hereinafter called “the Purchaser”) of the one part and **Wagtech Ghana Limited, P. O. Box AT 211, 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 Hydrogen, Carbon and Nitrogen Analysers** and has accepted a Tender by the Supplier for the supply of those goods and services in the sum of **One Million, Four Hundred and Ninety Five Thousand, Nine Hundred and Thirty Nine Ghana Cedis, Ninety Five Pesewas (GHs 1,495,939.95)** (hereafter called “the Contract Price”).

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

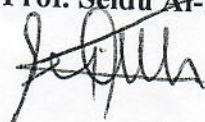
1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.
2. The following documents shall be deemed to form and be read and construed as part of this Agreement, viz.:
 - (a) the Tender Form and the Price Schedule 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

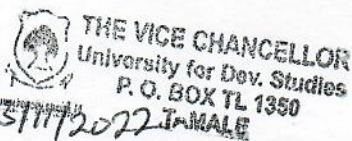
Name: **Prof. Seidu Al-hassan**

Signature:



Designation: **Vice-Chancellor**

Seal:



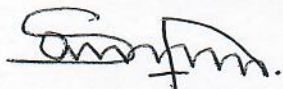
Date:

03/11/2022 TAMALE

Witnessed By:

Name: **Ing. Samuel B. Abiko**

Signature:



Designation: **Director, WPD**

Date:

03/11/2022

DIRECTOR
WORK & PHYSICAL DEV T
UNIVERSITY FOR DEV. STUDIE
P . 1350 TAMALE

On behalf of the Supplier

Name: **GEORGE KORAMICHE**

Signature:



Designation: **MANAGING DIRECTOR**

Seal:

WAGTECH GHANA LIMITED
P. O BOX AT 211
ACHIMOTA
ACCRA - GHANA

Date:

03/11/2022

TEL: 0302412406/0307090326
Email: info@waatech.com.gh

Witnessed by:

Name: **Emmanuel Amankwal-Munke**

Signature:



Designation: **Commercial Director**

Date:

03/11/2022

WEST AFRICAN CENTRE FOR WATER, IRRIGATION AND SUSTAINABLE AGRICULTURE
(WACWISA)



INTERNAL MEMORANDUM

FROM : Administrative Coordinator
TO : Director
DATE : 14th February 2022
SUBJECT: REQUEST FOR THE PROCUREMENT OF LABORATORY EQUIPMENT FOR
THE NEW WACWISA OFFICE COMPLEX BUILDING

I write to request your approval for the procurement of the attached list of laboratory equipment for the new WACWISA office complex building located at the Nyankpala Campus of the UDS.

Sir, it will be very much appreciated if approval is given for the procurement these items.

Submitted for your kind approval, Sir.

Bernard Alando ChPA, CMC
Administrative Coordinator, WACWISA

② PC
Approved
15/2/22

LIST OF LABORATORY EQUIPMENT FOR THE NEW WACWISA OFFICE COMPLEX BUILDING

S/No	Name of Equipment	Analysis	Specification	Quantity
1.	Environmental chamber		Technical Specification - 23 output channels for the control of lighting, logic events, convenience outlets, etc. - Onboard diagnostics, ambient temperature monitoring and power failure event logging for improved troubleshooting - The added security of an independent temperature alarm - Dual experiment protection with primary limit and independent secondary limit - Backwards compatible with all existing systems	2
2.	Microscope (dissecting scope with camera)		- Trinocular or binocular dissecting microscopes with a zooming range of 6.7x-45x. - Can be attached to the digital camera which takes photos of the viewing images. - Have a dual-LED illuminator and they can rotate at 360°. - Magnification can be changed by adding auxiliary objectives or different eyepieces.	3
3.	Erlenmeyer Flasks-set		Erlenmeyer Flasks-set of 12 (1L) Corning Pyrex #4980-1L, 1000ml Narrow Mouth	5

			Erlenmeyer Flask with Rubber Stopper (Single)?	
4.	Scale 0.01 g		Scale 0.01 g	5
5.	Open Channel Velocity Water Current Meter	MGG/KL-DCB series of electromagnetic velocity meters is the portable measuring instrument of velocity and flow, which is professionally designed for agricultural irrigation, hydrologic monitoring, river flow monitoring, municipal water, industrial sewage and etc.	Variable Area Water Flowmeters Canal deep: <=20m Canal bottom width: <=20m Accuracy: ±1.0% Flow velocity: 0.01m/s-10m/s Power supply: 1.5V*5 removable alkaline batter Measure: velocity + flow + level Communication interface: RS485 Water level indication: water level is 5-digits, the flow velocity is 5-digits	10
6.	Submersible Analog Water Level Sensor	Measuring depth in dams, rivers, lakes, sea, well	Accuracy : ≤ ±0.5%F.S; ≤ ±0.25%F.S; ≤ ±0.1%F.S Level range: 0.5m to 500m optional	10
7.	Potalab+ PTW10010	Provides portable analysis of a wide and comprehensive range of key drinking water quality parameters	Contains: Photometer 7500 and light cap, 6 photometer cuvettes, photometer reagents for 200 tests for Free and Total Chlorine, Ammonia, Fluoride, Nitrite and Nitrate Turbimeter Plus, SDVB calibration standards, 4 sample cuvettes, silicone oil, cleaning/oiling cloth PalintestArsenator Digital Arsenic Test System, unique three-stage filter	2

			assembly, conical flask, consumables for 200 Arsenic tests Micro 800 pH/Temperature Meter with pH calibration buffers Micro 800 Conductivity/TDS Meter with conductivity calibration standard Cuvette brush, Dilution tubes, crush/stir rods, De-ion pack, instructions	
8.	Spectrophotometer	Laboratory Spectrophotometer for water analysis	DR6000 Benchtop Spectrophotometer	1
9.	Digital Flame Photometer	Determination of Na, K, Ca, Ba & Li	FP910-5 (for the analysis of five elements - Sodium, Potassium, Calcium, Lithium and Barium)	1
10.	Hydrogen, carbon, and nitrogen analyzer	For analysis of carbon, nitrogen, hydrogen, sulfur	ORGANIC ELEMENTAL ANALYZER with O, Cl, TIC and TOC option + 120 Positions Autosampler + 21 CFR Part 11 functionality	1
11.	TOC Analyzer	Analysis of total organic carbon	PC-controlled model + Autosampler ASI-L (with 9 mL, 24 mL, and 40 mL Vial Types) + TN (Total Nitrogen) Unit TNM-L+ Solid Sample Combustion Unit SSM-5000A	1
12.	Metalyser Field Pro	Measure up to 16 parameters in water	Field Pro HM3000 + Model Field Pro HM4000 for Soils	1
13.	Multi parameter probe	Multiparameter Waterproof Meter with optional GPS	HI-9829 [HI9829-13202] Multiparameter PH / ISE / EC / DO / Turbidity w/ GPS, Datalogging & 20m Cable	1

14.	Tilting Flume	A tilting flume with transparent side walls which give a complete view of the flow along the entire length of a 6 m test section. The dimensions and design of the channel are in conformity with Chézy's four conditions for steady uniform flow. Water flows in a closed circuit.	EH1000- Hydraulic Channel with Variable Slope	1
15.	Flow Visualisation Flume for Sediment Transport Studies	A pilot sediment transport flume like most rivers and canals to give for an engineer engaged on studies in such fields as geology, hydrology, irrigation, etc.	Technical specifications : 1 kW stainless steel centrifugal pump Water tank Magnetic float needle type flow meter. 2 vernier gauges. 1 pitot tube 1 thin-walled weir with ventilated ply, 2 thick weirs, 1 venturi, 1 vertical guillotine valve 2 bridge piers, 1 triangular weir and 1 rough bed	1
16.	Aerobic Sludge Sewage Treatment with Anoxia Nitrification-Denitrification with Data Acquisition System + accessories	Elimination of carbon, nitrogenous and phosphorous pollution, by microbiologic way.	Technical Specification - A 300 litres feeding tank in PE with cover (4 to 5 days autonomy) - Stainless stell circulator to maintain the substrate in agitation - An anoxia tank, toalvolum of 15 litres in Altuglass	1

			<ul style="list-style-type: none"> - An aeration tank of 40 litres in Altuglass - A clarification tank in - Altuglass of 30 litres - A decantation tank of 12 litres - A substrate peristaltic feeding pump with timer - A sludge peristaltic recycling pump with timer - A mixed liquor peristaltic recycling pump with timer - Peristaltic pump with fix speed fo the doing of acid/base - Probes for o2 rate, Ph and temperature - A compressor (1.2 m3/h at 2 bars) with a needle valve and a manometer - A pH measurement devise with a 4 litres tank and a fix flow pump - Two stirrers with speed control (anoxia and aeration tanks) - A gas rotameter - A rotameter for the substrate - The pilot is made of PVC and Plexiglass on a stainless steel frame with aluminium nuts 	
17.	Flow Measurement in Open Channel	This test bench makes it possible to study the various methods of measurement of flows in open pipelines: by triangular, rectangular, venturi and	<p>Technical specifications:</p> <p>One channel : useful dimensions : L x W x D: 2400 x 100 x 180 mm in Altuglass. A stabilizing basin upstream of the circuit with a safety device and safety weir,</p>	1

	<p>limnimetric outfall measurements or ultrasound sensor + accessories.</p>	<p>A graduated drain pan for flow measurement at low flows.</p> <p>This tank is followed by another tank allowing the return of the flow to the pump, either by two drowned pipes, or by two partially denuded pipes,</p> <ul style="list-style-type: none"> - A feed tray - A float flowmeter - A stainless steel centrifugal pump whose flow rate can be adjusted either by a diaphragm valve or by a variable speed drive. This flow can be checked using the float flowmeter. <p>Two gauges allowing the survey of the water line in the canal. They will be moved along the canal depending on the weirs,</p> <p>The measuring bench is mounted on a stainless-steel frame.</p> <p>The IP55 control cabinet includes the pump control, its dimmer, the sensor display, circuit breakers, fuses, on / off, emergency stop.</p>	
18.	ICP-OES	<p>Used to find out what elements are present in a certain material and quantify them. This is done by dissolving the</p> <p>ICP-OES: Inductively Coupled Plasma - Optical Emission Spectroscopy</p>	1

material in acid and diluting with water. Nitric acid is the most common acid used as most elements form water soluble nitrates. The water solution can then be pumped into the instrument nebulizer, which turns the sample into a spray that is later fed into the plasma.

UNIVERSITY FOR DEVELOPMENT STUDIES

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

P. O. Box 1350
Tamale, Ghana



Our Ref: **NR/UDS/WACWISA/GD/007/2022**

Your Ref: OFFICE OF THE VICE-CHANCELLOR

Date: **November 23, 2022**

The Managing Director
Wagtech Ghana Limited
P.O. Box AT 211
Accra

Dear Sir,

NOTIFICATION OF AWARD

This is to notify you that your Tender dated September 7, 2022 for execution of the contract for the **Supply and Installation of Laboratory Equipment –Lot 1 (Contract No: NR/UDS/WACWISAGD/007/2022)**, in the amount of **Two Million, Seven Hundred and Sixty Four Thousand, Six Hundred and Seventy Three Ghana Cedis, Sixty One Pesewas (GHs 2,764,673.61)** as corrected in accordance with the Instructions to Tenderers for delivery within Twelve (12) weeks is hereby accepted.

This Notification of Award will constitute the formation of contract. However, until and unless you furnish the Performance Security of **Two Hundred and Seventy Six Thousand, Four Hundred and Sixty Seven Ghana Cedis, Thirty Six Pesewas (GHs 276,467.36)** 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. Seidu Al-hassan** (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: The Pro Vice Chancellor, UDS
The Registrar, UDS
The Director, WPD, UDS
The Director of Finance, UDS
The Secretary, Tender Committee, UDS
The Ag. Director of Internal Audit, UDS
The Director of Procurement, UDS
The Director, WACWISA UDS
The Head of Stores, UDS

UNIVERSITY FOR DEVELOPMENT STUDIES



PROJECTS

PAYMENT VOUCHER

ALLOCATION:

PV NO: **PV228191**

PAY:	DESCRIPTION	AMOUNT
WAGTECH GHANA LIMITED	PAYMENT FOR THE SUPPLY & INSTULLATION OF LABORATORY EQU	GHS
9/20/2023		
<u>PREPARED BY</u> COSMAS		
	AMT IN WORDS	FIVE HUNDRED EIGHTY-EIGHT THOUSAND EIGHT HUNDRED FOUR GHANA CEDIS, FORTY-ONE GHANA PESEWAS ONLY

I CERTIFY that the above amount is correct

DATE: **9/20/2023**

Schedule Officer

Invoice num: **WAC 3143**

DEBIT ACCOUNT CODE	AMOUNT
2999002-CA-PRJ	603,660.70

Authorised and passed for Payment:	495,209.76
Tax	
VAT	108,450.94
FLAT	0.00
WITHOLD CEN	-14,856.29
WITHVAT CEN	0.00
Net Amount Payable	588,804.41

System Batch Details Batch: 15.330.00 Entry: 1.00

PROJECT ACCOUNTANT:
Date: 22/09/2023

Cheque Number: 000621
Bank: **ECOBANK WACWISA ACCOUNT**
Date: 22/09/23

Approved By

Verified by Internal Audit
UNIVERSITY FOR DEV'T STUD.
INTERNAL AUDIT DIRECTORATE
CHECKED BY: 20/09/2023
APPROVED BY: 20/09/2023

Receive this day of 20 In respect of Payment

The Sum of

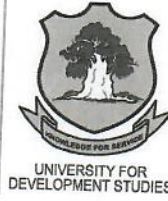
..... Ghana Cedis Pesewas

Handwritten: Paid info Acct No: 0006015624510
Koj's Thompson Road Branch
Zenith Bank.

Signature of Receiver

Name & Telephone of Receiver

WEST AFRICAN CENTRE FOR WATER, IRRIGATION AND SUSTAINABLE AGRICULTURE
(WACWISA)



INTERNAL MEMORANDUM

FROM : Lecturer/Head of Laboratory

TO : Director, WACWISA

DATE : 13th September, 2023

SUBJECT: **REPORT ON THE SUPPLY AND INSTALLATION OF LABORATORY EQUIPMENT FOR CONTRACT LOT 1**

Please, I write to report that the supply and installation of Laboratory Equipment for **Contract Lot 1 NO.:NR/UDS/WACWISA/GD/004/2023** is completed successfully.

The equipment were tested with installation team and the WACWISA laboratory team and I write to indicate that they are working as required.

Thank you.

Dr. Richard Osei Agyemang
(Head of Laboratories)

② PC
M for yr necessary act
13/9/23

Pv228191



UNIVERSITY FOR DEVELOPMENT STUDIES
(Procurement Directorate)

Memorandum


To : Director, WACWISA
From : Director of Procurement
Date : September 13, 2023
Subject : PAYMENT FOR THE SUPPLY AND INSTALLATION OF LABORATORY EQUIPMENT – LOT 1

I write for approval for the payment of an amount of **Six Hundred and Three Thousand, Six Hundred and Sixty Ghana Cedis, Eighty Pesewas (Ghc 603,660.80)** to **Wagtech Ghana Limited, Accra** for the above as per the VAT invoices Numbered (22/0504466) and confirmation of work done memo attached


Duke A. Fredua
Director of Procurement

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

③ FM
Ab ma. 
19/09/23

② FC

Approved 14/9/23

④ Lukman
pls kindly process payment for WACWISA cedi ale. Muly
20/09/23

UNIVERSITY FOR DEVELOPMENT STUDIES

Tel: 03720-22078/26634/92593

Fax: 03720-22080

Email: registrar@uds.edu.gh

Website: www.uds.edu.gh

Our Ref:.....NR/UDS/WACWISA/GD/004/2023



P. O. Box TL 1350

Tamale, Ghana

Your Ref:.....

OFFICE OF THE PRO VICE-CHANCELLOR

28th July, 2023

Date.....

**The Manager
Wagtech Ghana Limited
Box AT 211
Accra**


Dear Sir/Madam,

ADDENDUM: SUPPLY AND INSTALLATION OF LABORATORY EQUIPMENT – LOT 1

With reference to our letter dated April 11, 2023, on the above contract, we write to inform you to additionally supply and install 1No. acqualogger-200 at the sum of **Fifty Four Thousand Five Hundred and Forty Six Ghana Cedis, Thirty Four Pesewas (GHs 54,546.34)** as per your quotation dated 23rd March, 2023. This now brings the total contract sum from **Five Hundred and Forty Nine Thousand, One Hundred and Fourteen Ghana Cedis, Forty Six Pesewas (GHs 549,114.46)** to **Six Hundred and Three Thousand, Six Hundred and Sixty Ghana Cedis, Eighty Pesewas (GHs 603,660.80)**.

Please note that the terms and conditions of the original contract remain the same.

Yours faithfully,


Prof. Felix K. Abagale
Pro-Vice-Chancellor

cc: Vice-Chancellor

Registrar

Director of Finance

Ag. Director of Internal Audit

Head, GUSSS

GHANA REVENUE AUTHORITY

221 0504466

ORIGINAL (CUSTOMER)



REPUBLIC OF GHANA



TAX INVOICE

From WAGTECH GHANA LTD

Supplier's TIN C0002351579

Customer's TIN

Date of Invoice 23/08/2023

To UBS

Date of Supply 23/08/2023

QTY	DESCRIPTION	UNIT PRICE <small>(excluding VAT & COVID-19 LEVY)</small>	AMOUNT
1	HM3000 Trace2 ^o Metalyser	283,618.52	283,618.52
1	MIAJI-500 Maji-500 portable multi-parameter Water Quality Kit	71,208.65	71,208.65
1	AQUALOGGER-2000 17344871	44,241.43	44,241.43
1	Thermo Scientific GLD Pro UC152D/120 Kit	68,990.51	68,990.51
1	Kit - Undergrad Stirrer	26,203.70	26,203.70
3	ST800-30 Retriever pp 300mm	252.59	757.77
3	ST630-12 FLOWER BAR OCTAGONAL	63.06	189.18
			<u>495,209.76</u>
(i) Tax Exclusive Value		12,380.30	
(ii) NHIL (2.5%)		12,380.30	
(iii) GETFund Levy (2.5%)		4,952.10	
(iv) COVID-19 Levy (1%)			
(v) Total Levy Inclusive Value (i+ii+iii+iv)			524,922.40
(vi) VAT (12.5%) (v)			78,738.40
(vii) Total Tax Inclusive Value (v+vi)			<u>603,660.80</u>

Terms of Payment CHEQUE

Supplier's Signature

Accra, 23rd August, 2023

Office of the Vice-Chancellor,
University for Development Studies, UDS,
Central Administration (off Kumasi Road),
Room 104, Tamale
Northern Region

Wagtech Ghana Ltd.
Plot 8, Justice A. Brobbey
Ave. 2nd Street, New
Achimota Mile 7/GW1109 -
0475 Accra.
P. O. Box AT 211
Achimota Market Mall
Accra - Ghana
Tel: +233 (0) 302-910 951
(0) 307-090 326
(0) 20-222 2080
Tel/Fax: 0302 412 406
georgek@wagtech.com.gh

Our Ref.: WGL/2308-130/GK-ka

Dear Sir,

SUPPLY AND INSTALLATION OF LABORATORY EQUIPMENT-LOT 1
(NR/UDS/WACWISA/GD/004/2023).
REQUEST FOR PAYMENT.

With reference to the above-mentioned contract which we signed with UDS. We wish to inform you that Wagtech Ghana Ltd has duly supplied and installed the equipment as per the tender requirements.

We hereby submit our final VAT invoice in the sum of Six hundred and Three thousand, Six hundred and Sixty Ghana Cedis Eighty Ghana pesewas (**GH¢ 603,660.80**) covering the full contract amount for settlement. We count on your usual understanding and cooperation.

Hoping to receive your settlement soon.

Yours faithfully
WAGTECH GHANA LIMITED



George Korankye
Managing Director

WAGTECH GHANA LIMITED
P. O. BOX AT 211
ACHIMOTA
ACCRA - GHANA
TEL: 0302412406/0307098326
Email: info@wagtech.com.gh

CC: The Pro Vice Chancellor, UDS
The Registrar, UDS
The Director, WPD, UDS
The Director of Finance, UDS
The Ag. Director of Internal Audit, UDS
The Director of Procurement, UDS
The Head of Stores, UDS

Accra, 23rd August, 2023

**UNIVERSITY FOR DEVELOPMENT
STUDIES (UDS)
P.O. BOX TL 1350
TAMALE**

Wagtech Ghana Ltd.
Plot8, 2nd Street,
Justice Brobbey Avenue,
Mile 7, New Achimota
GW1109
P. O. Box AT 211
Achimota Market Mall
Accra - Ghana
Tel: +233 (0) 302-910 951
(0) 307 090 326
(0) 20-222 2079
Tel/Fax: 0302 412 406
georgek@wagtech.com.gh
info@wagtech.com.gh

WAY-BILL

INVOICE NO. WG/23-08-023-019-GK-eo

SUPPLY AND INSTALLATION OF LABORATORY EQUIPMENT

IFT NO.: NR/UDS/WACWISA/GD/004/2023

By Vehicle No.: GE 7496-19

Driver's Name: GEORGE ATIAH ATONGE

Items No.	Description	Q'TY	Remarks
1	HM3000 Trace2o Metalysers HM3000 - A professional portable heavy metals analysis system, combining the reliable Metalysers handheld unit with a high-quality waterproof 10 inch tablet PC, offering enhanced levels of precision and accuracy. Compatible with the AquaSafe™ Management System (ASMS).	1	
2	MAJI-500 Maji-500 portable multi-parameter Water Quality Kit for measuring 10 standard parameters (including Turbidity) Supplied as a package including Probe, GPS Maji-meter, tough 3m meter cable, calibration solutions and accessories. All housed in a rugged carry case for easy storage and transport. Standard parameter specifications: Dissolved Oxygen (DO) Range: 0 - 500.0% / 0 - 50.00 mg/L Resolution: 0.1% / 0.01mg/L Accuracy: 0 - 200%: ± 1% of reading. 200% - 500%: ± 10% Specific EC & Absolute EC Range: 0 - 200 mS/cm (0 - 200,000 ?S/cm) Resolution: 3 Auto-range scales: 0 - 9999?S/cm, 10.00 - 99.99 mS/cm, 100.0 -200.0mS/cm Accuracy: ± 1% pH Range: 0 - 14 pH / ± 625mV Resolution: 0.01 pH / ± 0.1mV Accuracy: ± 0.1 pH / ± 5mV ORP Range: ± 2000mV Resolution: 0.1mV Accuracy: ± 5mV TDS Range: 0 - 100,000 mg/L (ppm) Resolution: 2 Auto-range scales:	1	

	0 - 9999mg/L, 10.00 - 100.00g/L Accuracy: ± 1% Resistivity Range: 5 Ocm - 1 MOcm Resolution: 2 Auto-range scales: 5 - 9999Ocm, 10.0 - 1000.0 KOcm Accuracy: ± 1% Salinity Range: 0 - 70 PSU / 0 - 70.00 ppt (g/Kg) Resolution: 0.01 PSU / 0.01 ppt Accuracy: ± 1% SSG Range: 0 - 50 st Resolution: 0.1 st Accuracy: ± 1.0 st Temperature Range: -5°C - +50°C (23°F - 122°F) Resolution: 0.01° C/F Accuracy: ± 0.5° C Turbidity Range: 0-3000NTU Resolution: 2 Auto-range scales: 0.0 99.9 NTU, 100 - 3000 NTU Accuracy: ±2%		
2.1	AQUALOGGER-2000 AQUALOGGER-2000 item name : AP-2000 Logger to be used with the MAJI-500.	1	
3	17344871 Thermo Scientific™ GLD Pro Gas Leak Detector Quickly locate and identify gas leaks in your GC instrument Gases: H, He and N, CO2, Ar	1	
5	UC152D/120/KIT Kit - Undergrad Stirrer Hotplate Digital, 120V, Ceramic p/n 04807-63 + temperature controller p/n 04	1	
5.1	ST800-30 Follower Retriever PP 300mm	3	
5.2	ST630-12 Follower Bar Octagonal 13X8mm PK.2	3	

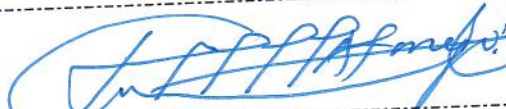
Date: 28-08-2023

Received by: Dr. Osei A. Richard

Despatched by: WAGTECH GHANA LTD

In good order/condition

Signature: 


Signature

Date: 28/08/2023

UNIVERSITY FOR DEVELOPMENT STUDIES

Tel: 0372093659/0372012078/0372004634
Fax: 03720-22080
Website: www.uds.edu.gh
Email: vc@uds.edu.gh

P. O. Box 1350
Tamale, Ghana



Our Ref: **NR/UDS/WACWISA/GD/004/2023**

Your Ref:

OFFICE OF THE VICE-CHANCELLOR

Date: **April 11, 2023**

The Manager
Wagtech Ghana Limited
Box AT 211
Accra

Dear Sir,

NOTIFICATION OF AWARD

This is to notify you that your Tender dated March 23, 2023 for execution of the contract for the **Supply and Installation of Laboratory Equipment– Lot 1 (Contract No: NR/WACWISA/UDS/GS/004/2023)**, in the amount of **Five Hundred and Forty Nine Thousand, One Hundred and Fourteen Ghana Cedis, Fifty Eight Pesewas (GHs 549,114.58)** 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 **Fifty Four Thousand, Nine Hundred and Eleven Ghana Cedis, Forty Six Pesewas (GHs 54,911.46)** 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. Seidu Al-hassan (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: The Pro Vice Chancellor, UDS
The Registrar, UDS
The Director, WPD, UDS
The Director of Finance, UDS
The Director, WACWISA, UDS
The Ag. Director of Internal Audit, UDS
The Director of Procurement, UDS
The Head of Stores, UDS

University For Development Studies (UDS)
P.O. Box TL 1350
Tamale

Wagtech Ghana Ltd.
Plot 8, Justice.A. Brobby,
Ave.2nd Street, New
Achimota Mile7GW1109
Accra.
P. O. Box AT 211
Achimota Market Mall
Accra - Ghana
Tel: +233 (0) 302-910 91
(0) 307-090 32
(0) 20-222 207
Tel/Fax: 0302 412 406
info@wagtech.com.gh
georgek@wagtech.com.gh

Date: 23rd March, 2023
IFT NO.: NR/UDS/WACWISA/GD/003/2023

Dear Sir,

PRICE SCHEDULE

We have the pleasure of enclosing our Price Schedule as specified in the Schedule of Requirements and in accordance with your instructions.

All our prices are quoted in Ghana Cedi (GH¢). Our prices are valid for 150 days after Tender validity.

Yours faithfully,
For and on behalf of Wagtech Ghana Limited



.....
Emmanuel Amankwah-Minkah
Commercial Director

Duly authorized to sign Tender for and on behalf of WAGTECH (GH) LTD.

WAGTECH GHANA LIMITED
P. O BOX AT 211
ACHIMOTA
ACCRA - GHANA
Enc. TEL: 0302412406/0307090326
Email: info@wagtech.com.gh

PRICE SCHEDULE SUPPLY AND INSTALLATION OF LABORATORY EQUIPMENT

NAME OF TENDERER: WAGTECH GHANA LIMITED

IFT No.: NR/UDS/MAC/WISA/GD/004/2023

S. No.	Description	Country of Origin	Qty	U/Price (GH¢) EXW	* Total Price (GH¢) EXW	**Total Price of Inland Delivery to Final Destination (GH¢)	Total CIP Site (GH¢)	Incidental Services & others (GH¢) (Installation)	Total Tender Price (GH¢)	Remarks
1	2	3	4	5	6=(4x5)	7	8=(6+7)	9 ****	10=(8+9)	11

(LOT 1)

1	HM3000 Trace2o Metalyser HM3000 - A professional portable heavy metals analysis system, combining the reliable Metalyser handheld unit with a high-quality waterproof 10 inch tablet PC, offering enhanced levels of precision and accuracy. Compatible with the AquaSafe™ Management System (ASMS).	EU	1	283,618.52	283,618.52	-	283,618.52	-	283,618.52	✓
2	MAJI-500 "Maji-500 portable multi-parameter Water Quality Kit for measuring 10 standard parameters (including Turbidity) Supplied as a package including Probe, GPS Maji-meter, tough 3m meter cable, calibration solutions and accessories. All housed in a rugged carry case for easy storage and transport. Standard parameter specifications: Dissolved Oxygen (DO) Range: 0 - 500.0% / 0 - 50.00 mg/L Resolution: 0.1% / 0.01mg/L	EU	1	71,208.65	71,208.65	-	71,208.65	-	71,208.65	✓

Signed:



Emmanuel Amankwah-Minkah, Commercial Director
For and on behalf of Wagtech Ghana Limited

Date: 23rd March, 2023

WAGTECH GHANA LIMITED
P. O BOX AT 211
ACHIMOTA
ACCRA - GHANA
TEL: 0302412406/0307090326
Email: info@wagtech.com.gh

UDS-32241-45965-SI60

PRICE SCHEDULE SUPPLY AND INSTALLATION OF LABORATORY EQUIPMENT

IFT No.: NRUDS/WACWISA/GD/004/2023

NAME OF TENDERER: WAGTECH GHANA LIMITED

S. No.	Description	Country of Origin	Qty	U/Price (GH¢) EXW	* Total Price (GH¢) EXW	**Total Price of Inland Delivery to Final Destination (GH¢)	Total CIP Site (GH¢)	Incidental Services & others (GH¢) (Installation)	Total Tender Price (GH¢)	Remarks
1	2	3	4	5	6=(4x5)	7	8=(6+7)	9 ****	10=(8+9)	11

	(23°F - 122°F) Resolution: 0.01° C/F Accuracy: ± 0.5° C Turbidity Range: 0-3000NTU Resolution: 2 Auto-range scales: 0.0 99.9 NTU, 100 - 3000 NTU Accuracy: ±2% "									
2.1	AQUALOGGER-2000 AQUALOGGER-2000 item name : AP-2000 Logger to be used with the MAJI-500.	EU	1	44,241.43	44,241.43	-	44,241.43	-	44,241.43	
3	17344871 Thermo Scientific™ GLD Pro Gas Leak Detector Quickly locate and identify gas leaks in your GC instrument Gases: H, He and N, CO2, Ar	EU	1	68,990.51	68,990.51	-	68,990.51	-	68,990.51	
4	CD650-57 Cerrifuge-Hettich Rotina 380 Without Rotor 230V 50/60Hz	EU	1	347,192.30	347,192.30	-	347,192.30	-	347,192.30	X
4.1	CD650-66 Swing-Out Rotor 4 X 100ml Max. Rpm/Rcf 5000/4863Xg	EU	1	87,598.26	87,598.26	-	87,598.26	-	87,598.26	X
5	UC152D/120/KIT Kit - Undergrad Stirrer Hotplate Digital, 120V, Ceramic p/n 04807-63 + temperature controller p/n 04	EU	1	26,203.70	26,203.70	-	26,203.70	-	26,203.70	✓
5.1	ST800-30 Follower Retriever PP 300mm	EU	1	252.59	252.59	-	252.59	-	252.59	✓

A fee in the stove determine importance be used for GC

Signed:



Emmanuel Amankwah-Minkah, Commercial Director
For and on behalf of Wagtech Ghana Limited
Date: 23rd March, 2023

WAGTECH GHANA LIMITED
P. O BOX AT 211
ACHIMOTA
ACCRA - GHANA
TEL: 0302412406/0307090326
Email: info@wagtech.com.gh

**PRICE SCHEDULE
SUPPLY AND INSTALLATION OF LABORATORY EQUIPMENT**

NAME OF TENDERER: WAGTECH GHANA LIMITED

IFT No.: NRIUDS/WACWISA/GD/004/2023

S. No.	Description	Country of Origin	Qty	U/Price (GH¢) EXW	* Total Price (GH¢) EXW	**Total Price of Inland Delivery to Final Destination (GH¢)	Total CIP Site (GH¢)	Incidental Services & others (GH¢) (Installation)	Total Tender Price (GH¢)	Remarks
1	2	3	4	5	6=(4x5)	7	8=(6+7)	9 ****	10=(8+9)	11

<p>Accuracy: 0 - 200%: ± 1% of reading. 200% - 500%: ± 10% Specific EC & Absolute EC Range: 0 - 200 mS/cm (0 - 200,000 ?S/cm) Resolution: 3 Auto-range scales: 0 - 9999?S/cm, 10.00 - 99.99 mS/cm, 100.0 - 200.0mS/cm Accuracy: ± 1% pH Range: 0 - 14 pH / ± 625mV Resolution: 0.01 pH / ± 0.1mV Accuracy: ± 0.1 pH / ± 5mV ORP Range: ± 2000mV Resolution: 0.1mV Accuracy: ± 5mV TDS Range: 0 - 100,000 mg/L (ppm) Resolution: 2 Auto-range scales: 0 - 9999mg/L, 10.00 - 100.00g/L Accuracy: ± 1% Resistivity Range: 5 Ocm - 1 MOcm Resolution: 2 Auto-range scales: 5 - 9999Ocm, 10.0 - 1000.0 KOcm Accuracy: ± 1% Salinity Range: 0 - 70 PSU / 0 - 70.00 ppt (g/Kg) Resolution: 0.01 PSU / 0.01 ppt Accuracy: ± 1% SSG Range: 0 - 50 st Resolution: 0.1 st Accuracy: ± 1.0 st Temperature Range: -5°C - +50°C</p>										
--	--	--	--	--	--	--	--	--	--	--

Signed:



Emmanuel Amankwah-Minkah, Commercial Director
 For and on behalf of Wagtech Ghana Limited
 Date: 23rd March, 2023

WAGTECH GHANA LIMITED
 P. O BOX AT 211
 ACHIMOTA
 ACCRA - GHANA
 TEL: 0302412406/0307090325
 Email: info@wagtech.com.gh

UDS-32241-45965-elig

**PRICE SCHEDULE
SUPPLY AND INSTALLATION OF LABORATORY EQUIPMENT**

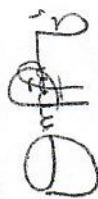
NAME OF TENDERER: WAGTECH GHANA LIMITED

IFT No.: NR/UDSWACWISA/GD/004/2023

S. No.	Description	Country of Origin	Qty	U/Price (GH¢) EXW	* Total Price (GH¢) EXW	**Total Price of Inland Delivery to Final Destination (GH¢)	Total CIP Site (GH¢)	Incidental Services & others (GH¢) (Installation)	Total Tender Price (GH¢)	Remarks
1	2	3	4	5	6=(4x5)	7	8=(6+7)	9 ****	10=(8+9)	11
5.2	ST630-12 Follower Bar Octagonal 13X8mm PK.2	EU	3 1	63.06 189.18 63.06	189.18 63.06	-	189.18 63.06	-	189.18 63.06	
SUB-TOTAL (A)										
1% COVID-19 Health Recovery Levy (CRL)										
NHIL 2.5%										
GETFUND 2.5%										
SUB TOTAL B (SUB-TOTAL (A)+CRL 1%+NHIL 2.5%+GETFUND 2.5%)										
15% VAT										
GRAND TOTAL = SUB-TOTAL B + 15% VAT										
DOLLAR EQUIVALENT (RATE 11)										
929,369.01										
9,293.69										
23,234.23										
23,234.23										
985,131.15										
147,769.68										
1,132,900.83										
102,990.99										

SUB-TOTAL (A): (GH¢ 929,369.01) In words: Nine Hundred and Twenty-Nine Thousand, Three Hundred and Sixty-Nine Ghana Cedis One Pesewa
1% COVID-19 Health Recovery Levy (CRL): (GH¢ 9,293.69) In words: Nine Thousand, Two Hundred and Ninety-Three Ghana Cedis Sixty-Nine Pesewas
NHIL 2.5%: (GH¢ 23,234.23) In words: Twenty-Three Thousand, Two Hundred and Twenty-Three Ghana Cedis Twenty-Three Pesewas
GETFUND 2.5%: (GH¢ 23,234.23) In words: Twenty-Three Thousand, Two Hundred and Twenty-Three Ghana Cedis Twenty-Three Pesewas
SUB TOTAL B (SUB-TOTAL (A)+CRL 1%+NHIL 2.5%+GETFUND 2.5%): (GH¢ 985,131.15) In words: Nine Hundred and Eighty-Three Thousand, One Hundred and Thirty-One Ghana Cedis Fifteen Pesewas
12.5% VAT: (GH¢ 147,769.68) In words: One Hundred and Forty-Seven Thousand, Seven Hundred and Sixty-Nine Ghana Cedis Sixty-Eight Pesewas
GRAND TOTAL = SUB-TOTAL B + 12.5% VAT: (GH¢ 1,132,900.83) In words: One Million, One Hundred Thirty-Two Thousand, Nine Hundred Ghana Cedis Eighty-Three Pesewas
DOLLAR EQUIVALENT GRAND TOTAL = (USD 102,990.99) In words: One Hundred and Two Thousand, Nine Hundred and Ninety Dollars and Ninety-Nine Cents

Signed:



Emmanuel Amankwah-Minkah, Commercial Director
 For and on behalf of Wagtech Ghana Limited

Date: 23rd March, 2023

WAGTECH GHANA LIMITED
 P. O BOX AT 211
 ACCRA - GHANA
 TEL: 0302412406/0307090325
 Email: info@wagtechghana.com

UDS-32241-45865-elec

Contract Form

THIS AGREEMENT made the 27 day of June, 2023, between **University for Development Studies (UDS) – Tamale** of Ghana (hereinafter called “the Purchaser”) of the one part and **Wagtech Ghana Limited, P. O. Box AT 211, 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 Laboratory Equipment – Lot 1** and has accepted a Tender by the Supplier for the supply of those goods and services in the sum of **Five Hundred and Forty Nine Thousand, One Hundred and Fourteen Ghana Cedis, Forty Six Pesewas (GHs 549,114.46)** (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

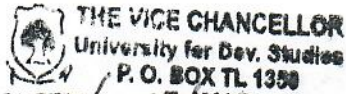
Name: **Prof. Seidu Al-hassan**

Signature:



Designation: **Vice-Chancellor**

Seal:



Date:

22/06/2023
TAMALE

Witnessed By:

Name: **Ing. Samuel B. Abiko**

Signature:



Designation: **Director, WPD**

Date:

22/06/2023

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

On behalf of the Supplier

Name: **GEORGE KORANKYE**

Signature:



Designation: **MANAGING DIRECTOR**

Seal:

WAGTECH GHANA LIMITED
P. O. BOX AT 211, ACHIMOTA
ACCRA - GHANA

Date:

22/06/23
TEL: 0302412405/0307090326
Email: info@wagtech.com.gh

Witnessed by:

Name:

Emmanuel A - Minkah

Signature:



Designation:

Commercial Director

Date:

22/06/2023