



**Kwame Nkrumah  
University of Science  
and Technology, Kumasi**

OFFICE OF THE VICE-CHANCELLOR

Our Ref. No: VC/SS/02/2024/07

Your Ref. No.

Tuesday, February 27, 2024

To: **EAGLE SCIENTIFIC LIMITED**  
**REGENT HOUSE**  
**LENTON STREET, SANDIACRE**  
**NOTTINGHAM, NG10 5DJ**  
**UNITED KINGDOM.**

Subject: **NOTIFICATION OF AWARD OF CONTRACT FOR THE PROCUREMENT OF VARIOUS LABORATORY EQUIPMENT FOR THE REGIONAL TRANSPORT RESEARCH AND EDUCATION CENTRE – KUMASI (TRECK), KNUST – IFT NO. AS/KNUST/GD/0026/2023.**

THIS is to notify you that your Company has been awarded a contract for the Procurement of Various Laboratory Equipment for the Regional Transport Research and Education Centre – Kumasi (TRECK), KNUST at a total cost of GBP£515,519.48 (Five Hundred and Fifteen Thousand, Five Hundred and Nineteen Pounds, Forty-Eight Pence) as per your quotation attached.

THIS NOTIFICATION of Award and submission of a Letter of Acceptance shall constitute formation of a contract between your Company and the University as follows:

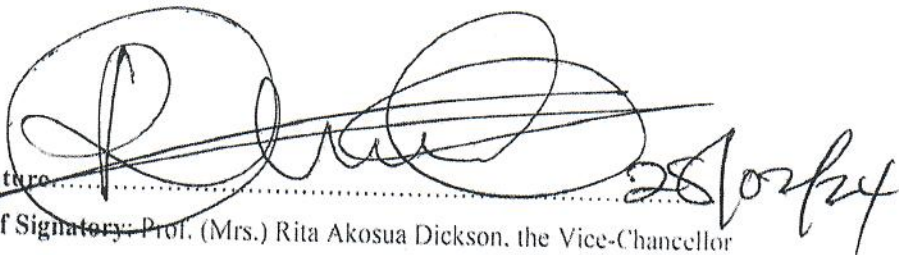
1. You are requested to submit your Letter of Acceptance to the Procurement Office, KNUST within **fourteen (14) days** after the notification of contract award; and
2. You are also hereby instructed to proceed with the signing of Contract at the Procurement Office, KNUST within **fourteen (14) days** after the Submission of the Letter of Acceptance.

Failure to comply with the fulfillment of Signing of Contract within the time frame will constitute the failure of formation of the contract.

You are, therefore, requested to promptly comply with the above-stated conditions precedent for the prompt execution of the contract.

1 | Page

Authorised Signatory.....

A large, stylized handwritten signature in black ink, written over a dotted line. The signature is highly cursive and loops, starting with a large 'R' and ending with a flourish.

Name and Title of Signatory: Prof. (Mrs.) Rita Akosua Dickson, the Vice-Chancellor

cc: Provost, College of Engineering  
Deputy Registrar, Legal Services  
Director of Procurement  
Director, TRECK  
Head, University Stores

## CONTRACT FORM

THIS AGREEMENT is made the 27<sup>th</sup> day of February, 2024 *between* KWAME NKURUMAH UNIVERSITY OF SCIENCE AND TECHNOLOGY, UNIVERSITY MAIN CAMPUS, KUMASI, UNIVERSITY POST OFFICE, PRIVATE MAIL BAG, KUMASI-GHANA, an educational institution established by Act 80 of 1961 to provide tertiary education (hereinafter called "the Purchaser" which expression shall whenever the context so admits or requires include its successors or assigns) represented by its true and lawful attorney, PROFESSOR (MRS.) RITA AKOSUA DICKSON (Vice-Chancellor) of the one part and EAGLE SCIENTIFIC LIMITED, a company registered under the laws of United Kingdom with its Head Office at REGENT HOUSE, LENTON STREET – SANDIACRE, NOTTINGHAM NG10 5DJ, UNITED KINGDOM, represented by its true and lawful attorney, MR. MARK NUGENT (Project Manager) of the other part.

WHEREAS the Purchaser invited Tenders for certain goods and ancillary services, viz. Procurement of Various Laboratory Equipment for the Regional Transport Research and Education Centre – Kumasi (TRECK), KNUST, AND WHEREAS the Purchaser has accepted a tender by the Supplier for the supply of those goods and services at total cost of GBP£515,519.48 (Five Hundred and Fifteen Thousand, Five Hundred and Nineteen Pounds, Forty-Eight Pence) (hereinafter called the "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 in the Tender Documents.
2. The following documents shall be deemed to form and be read and construed as part of this Agreement, viz.:
  - a. The Tender Documents;
  - b. The Tender Form and the Price Schedule Submitted by the Tenderer;
  - c. The Schedule of Requirement;
  - d. The Technical Specifications;
  - e. The General Conditions of Contract;
  - f. The Special Conditions of Contract; and
  - g. The Purchaser's Notification of Award.

**3. THE SUPPLIER'S COVENANTS**

In consideration of the payments to be made by the Purchaser to the Supplier as Hereinafter stated, the Supplier hereby covenants with the Purchaser to provide the goods and services and to remedy any defects therein in conformity, in all respects, with the terms and conditions of the Contract.

**4. THE PURCHASER'S COVENANTS**

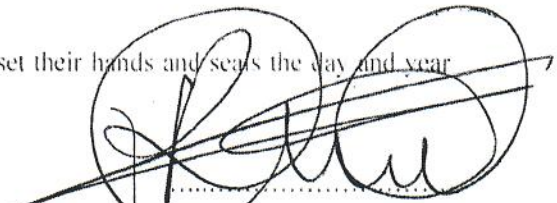
The Purchaser hereby covenants to pay the Supplier in consideration of the provision of the goods and services and the prompt remedying of any defects at the times and in the manner prescribed in the Contract.

**5. TERMS OF PAYMENT**

The Purchaser shall make 100% advance payment to the Supplier subject to the provision of Advance Payment Security covering the 100% value from a reputable Bank.


IN WITNESS WHERE OF, the Parties have hereunto set their hands and seals the day and year first above written.

SIGNED/SEALED AND DELIVERED by  
the Purchaser represented by Professor (Mrs.) Rita Akosua Dickson  
in the presence of:


  
VICE-CHANCELLOR  
VICE CHANCELLOR  
SEAL  
KNUST - KUMASI  
Date: 28/02/24

WITNESS

Name: Duke Agyeman Fredua  
Position: Director of Procurement  
Address: Procurement Office  
University Post Office  
PMB, Kumasi-Ghana

Signature: 

SIGNED/SEALED AND DELIVERED by  
the Supplier represented by MR. MARK NOGENT  
in the presence of:

  
eagle scientific ltd.  
REGENT HOUSE  
LENTON STREET, SANDIACRE  
NOTTINGHAM NG10 5DJ  
Tel: 0115 949 1111  
Fax: 0115 939 1144

WITNESS

Name: MR. HARVEY WELCH  
Business and Postal Addresses: REGENT HOUSE  
LENTON STREET, SANDIACRE, NOTTINGHAM, UK.  
Position: PROJECT MANAGER  
Signature: 

Date: 08/03/24

To: KOUST, Kumbes, Sheria  
 Ref: AS/KNLS/037/0025/2023

Quotation: Q37060 R4

ES

Item	Description	Model No.	Origin	Qty	Unit of Sale	Unit Price CIF Tema Port GBP	Total Price CIF Tema Port GBP
1	PicoCount 2500 Package- Standard	VC-PKG-PC2500-STD	USA	5	Each	857.89	4,289.47
2	PicoCount 4500 Package	VC-PKG-PC4500	USA	3	Each	1,390.79	6,853.95
3	Mivision Scout Plus	SCOUT PLUS	EU	2	Each	6,075.00	12,150.00
4	Mivision Scout Plus Rechargeable Battery	SCOUT PLUS Rechargeable Battery	EU	2	Each	-	-
4.1	Scout Plus and Explore subscription - 12 months	Scout Plus & Explore	EU	2	Each	-	-
5	Concrete test Hammer, type N	58-C0161C	Italy	1	Each	325.20	325.20
6	Calibration envil for concrete test hammer type N and NR	58-C0184	EU	1	Each	521.45	521.45
7	Roughometer 4 Kit	BF-22090 A	Australia	1	Each	8,356.87	8,356.87
8	DMI (Distance Measurement) kit to suit Roughometer 4	DMI-R4	Australia	1	Each	3,220.92	3,220.92
9	100mm Internal Diameter Mould & Platens	CRT-GYRM-100	UK	1	Each	1,503.11	1,503.11
10	L/R Handle for Light Weight Gyro Mould	CRT-GYR-LH	UK	2	Each	59.67	119.34
11	PerformanceBox	RLP802	USA	1	Each	285.00	285.00
12	VBOX HD Lite	RLVBHDL-V1	USA	1	Each	900.00	900.00
13	Particle Counter	PC200	EU	1	Each	1,124.94	1,124.94
14	Centrifuge Extractor (Blumen) Explosion Proof	B011-01	EU	1	Each	3,702.00	3,702.00
15	Bowl and Cover 1500 g capacity	B010-11	EU	1	Each	286.50	286.50
16	Filter Disc, 1500 g capacity, Pack of 100 pieces	B010-15	EU	1	Each	33.00	33.00
17	Rotary Evaporation Apparatus	75-PV1650	EU	1	Each	7,946.21	7,946.21
18	Diathermic Oil, Can of 18kg	75-B0165/5	EU	1	Each	372.87	372.87
19	Particle Sieves Set 12' ASTM E11	75-B0165/5	EU	1	Each	2,608.04	2,608.04
20	Electromagnetic Sieve Shaker, for sieves up to 31.5mm diameter	15-D0102/3J-D01463J	Italy	1	Each	1,450.82	1,450.82
21	Coarse Aggregate Angularity Apparatus	SG-42	USA	2	Each	1,356.58	2,713.16
22	Proportional Caliper ASTM D4781	HM-38R	USA	2	Each	206.58	413.16
23	Vernier Caliper, digital, 300mm	411212	UK	2	Each	47.13	94.26
24.1	Planetary Asphalt Mixer - 20 Litre	CRT-MIXER-20	UK	1	Each	4,658.85	4,658.85
24.2	Isomantle heater for planetary mixer 20L	CRT-MIXER-20-ISOM	UK	1	Each	2,543.63	2,543.63
25	Digital Thermometer for Asphalt, Dual Range	82-D1229	EU	5	Each	370.77	1,853.85

Signed:

Mark Nugent  
 Project Manager


  
 Eagle Scientific Ltd  
 2018 REGEN STREET, WALSLEY, WEST YORKSHIRE, LEA 1 1JG, UK  
 TEL: 01924 454545  
 FAX: 01924 454546

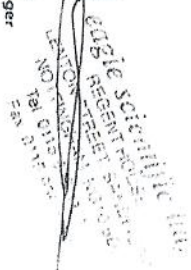
For and on behalf of Eagle Scientific Ltd  
 Date: 12th December, 2023

To: KNUST, Kumasi, Ghana  
 Ref: AS/KNUST/3D/0026/2023

Quotation: Q37060 R4

Item	Description	Model No.	Origin	Qty	Unit of Sale	Unit Price CIF Tema Port GBP	Total Price CIF Tema Port GBP
26	Penetration probe 120 mm long, suitable for Asphalt	82-D12291	EU	5	Each	171.02	855.08
27	Air Compressor for Gyraloy Compactor	CRT-TGR-840	Turkey	1	Each	1,096.76	1,096.76
28	Material Handling Chute	HMA68	USA	2	Each	247.37	494.74
29	Universal Sample Splitter (3.5ft <sup>3</sup> /99.7 Liter Hopper Capacity)	SP-0	USA	1	Each	4,842.11	4,842.11
30	Electromagnetic Sieve Shaker, for sieves up to 315mm diameter	15-D0407/B	Italy	1	Each	1,450.82	1,450.82
31	Device for clamping pycnometers to the electromagnetic vibro-deaerator	15-D0407/B1	Italy	1	Each	112.85	112.85
32	Vacuum Pycnometer 10000 ml capacity	75-D1123/D	EU	1	Each	789.65	789.65
33	Air Drying Unit	86-D2005	Italy	1	Each	145.10	145.10
34	Rubber tube, 6.5 x 16.5 mm, 2m length, for vacuum pumps	86-D2064	EU	1	Each	28.87	29.87
35	Two Stage Portable Vacuum Pumps	86-D2003	EU	1	Each	725.40	725.40
36	Silica Gel with Indicator, 1000g	86-D0819	EU	1	Each	66.45	66.45
37	Digital Balance, 6000g capacity x 0.1g resolution	11-D0630/6	EU	1	Each	525.66	525.66
38	Load Cell 50 kN Capacity, piezoelectric type	UTGM-1210	Turkey	2	Each	433.50	867.00
39	Marshall Impact Automatic Compactor 230V/50Hz/1ph	76-84432	EU	1	Each	7734.51	7734.51
40	Universal Specimen Extruder, 50kn	16-10080	EU	1	Each	860.67	860.67
41	Counting Bench Scales 35kg, Semi-Automatic	R71M035-GB (300868651)	USA	1	Each	1,305.60	1,305.60
42	DVPlus H5 Viscometer	XDVPLH81B00G00	USA	1	Each	6,178.50	6,178.50
43	Dynamic Shear Rheometer	B085-07N	EU	1	Each	42,750.00	42,750.00
44	Bending Beam Rheometer	CRT-98R2S	EU	1	Each	42,846.50	42,846.50
45	Pressure aging vessel	CRT-PAV1	UK	1	Each	13,712.63	13,712.63
45.1	Verification kit for pav.	CRT-PAV1-VERIF-KIT	UK	1	Each	1,555.50	1,555.50
46	Rolling thin film oven	CRT-OV-RTF-50	UK	1	Each	15,918.38	15,918.38
47	Thermometer ASTM 13C	B064-03A	EU	1	Each	157.50	157.50
48	Test system to perform electro-mechanically operated Testing Machine	4443-2XC6-4002	UK	1	Each	40,984.25	40,984.25
48.1	Temperature Controlled Cabinet 530L	CRT-ICC	UK	1	Each	11,793.75	11,793.75
49	Test system to perform dynamic modulus according to AASHTO TP62/SPT	CRT-SPTLV-CDAC	UK	1	Each	5,762.63	5,762.63
50	Resilient modulus test system to perform AASHTO TP31 and ASTM D4123	CRT-H-RESMOD	UK	1	Each	5,662.28	5,662.28
51	Resilient modulus test system to perform ASTM D7389 CDAC	CRT-H-D7389-CDAC	UK	1	Each	7,548.00	7,548.00

Signed:   
 Mark Nugent  
 Project Manager

  
 Eagle Scientific Ltd  
 REGENT SQUARE  
 REGENT ROAD  
 EAST AFRICA  
 EAST AFRICA  
 EAST AFRICA

For and on behalf of Eagle Scientific Ltd  
 Date: 12th December, 2023


ES

Quotation: Q37060 R4

To: KNUST, Kumasi, Ghana  
 Ref: AS/KNUST/GD/0026/2023

Item	Description	Model No.	Origin	Qty	Unit of Sale	Unit Price CIF Tema Port GBP	Total Price CIF Tema Port GBP
52.1	Indirect tensile measurement system (modulus and fatigue)	CRT-TSMFAT-SET-CD	UK	1	Each	8,861.25	8,861.25
52.2	Indirect Tensile Creep measurement system according to AASHTO T322	CRT-INDTENS-CREEP	UK	1	Each	7,505.50	7,505.50
53.01	Digital Balanced Mix Design Frame	CS-BMD9500-KIT	UK	1	Each	11,314.35	11,314.35
53.02	ISS (Interlayer Shear) AASHTO TP114 100 and 150mm samples test accessory for the above frame	CS-BMD9500-SS-M	UK	1	Each	4,741.10	4,741.10
54	Transducer included with item 53.01	included with item 53.01	UK	1	Each	-	-
55	Cylinder, measuring, spouter, borosilicate glass, Class B, 250 x 2.0ml.	C32-8650	UK	10	Each	15.19	151.80
56	Oven, 50 to 300°C, Capacity 99L	PRO100/DIG/300	UK	1	Each	2,385.00	2,385.00
57	Hamburg Wheel Tracker WTM-A - 2 arm	4425-2AKS-4002	UK	1	Each	52,688.49	52,688.49
57.1	Mould - WTRC 320 x 260 x 50mm, stainless steel	4352-4xxx-4005	UK	2	Each	1,025.81	2,051.61
57.2	Plastic mould for double cores 6" tested simultaneously to be inserted in Stainless Steel mould 320x260 mm (60mm depth)	CRT-WTIMRCM-26060-	UK	2	Each	411.25	822.50
58	Micro-Deval Machine (230V, 50Hz)	MD-2000F	USA	1	Each	7,236.84	7,236.84
Total price CIF Tema Port in GBP (includes Installation and Commissioning)							£ 382,788.12
Clearance and Delivery to KNUST							£ 2,814.57
Total Price CIP to site in GBP							£ 385,572.79
Import duties and taxes							£ 53,586.27
Import VAT							£ 76,360.42
Total Price DDP in GBP							£ 515,519.48

Shipment time: Estimated 10-12 Weeks from confirmation of order  
 Payment terms: In advance against APG

Signed:   
 Mark Nugent  
 Project Manager

*Eagle Scientific Ltd.*  
 REGISTRATION HOUSE  
 REGENT STREET, BANGHORE  
 LENTON STREET, NG10 8DJ  
 NOTTINGHAM NG4 1JL

For and on behalf of Eagle Scientific Ltd  
 Date: 12th December, 2023





MANCHESTERBGQUERIES@NATWEST.COM  
S.W.I.F.T. : NWBKGB2L

TRADE SERVICES  
3RD FLOOR,  
1 SPINNINGFIELDS SQUARE,  
MANCHESTER M3 3AP,  
UNITED KINGDOM

ADVANCE PAYMENT GUARANTEE NO. TFPLDG366447

DATE: 10 JUNE, 2024

TO:

KWAME NKUMAH UNIVERSITY OF SCIENCE AND TECHNOLOGY  
UNIVERSITY MAIN CAMPUS  
KUMASI  
GHANA

CONTRACT NO.: AS/KNUST/GD/0026/2023 DATED 27TH FEBRUARY 2024

GENTLEMEN AND/OR LADIES;

IN ACCORDANCE WITH THE PAYMENT PROVISION INCLUDED IN THE SPECIAL CONDITIONS OF CONTRACT, TO PROVIDE FOR ADVANCE PAYMENT, EAGLE SCIENTIFIC LTD., REGENT HOUSE, SANDIACRE, NOTTINGHAM NJ10 5DJ, UNITED KINGDOM (HEREINAFTER CALLED "THE SUPPLIER") SHALL DEPOSIT WITH KWAME NKUMAH UNIVERSITY OF SCIENCE AND TECHNOLOGY (HEREINAFTER CALLED "THE PURCHASER") A BANK GUARANTEE TO GUARANTEE HIS PROPER AND FAITHFUL PERFORMANCE UNDER THE SAID CLAUSE OF THE CONTRACT IN AN AMOUNT OF GBP 515,519.48 (FIVE HUNDRED AND FIFTEEN THOUSAND, FIVE HUNDRED AND NINETEEN POUNDS, FORTY-EIGHT PENCE).

WE, NATIONAL WESTMINSTER BANK PLC, TRADE SERVICES, 3RD FLOOR, 1 SPINNINGFIELDS SQUARE, MANCHESTER M3 3AP (HEREINAFTER CALLED THE "GUARANTOR") AS INSTRUCTED BY THE SUPPLIER, AS GUARANTOR, HEREBY IRREVOCABLY AND INDEPENDENTLY UNDERTAKE TO PAY TO THE PURCHASER ANY SUM OR SUMS NOT EXCEEDING IN TOTAL AN AMOUNT OF GBP 515,519.48 (FIVE HUNDRED AND FIFTEEN THOUSAND, FIVE HUNDRED AND NINETEEN POUNDS, FORTY-EIGHT PENCE) UPON RECEIPT BY US OF THE PURCHASER'S FIRST DEMAND, SUPPORTED BY THE PURCHASER'S STATEMENT, WHETHER IN THE DEMAND ITSELF OR IN A SEPARATE SIGNED DOCUMENT ACCOMPANYING OR IDENTIFYING THE DEMAND, STATING THAT THE SUPPLIER IS IN BREACH OF ITS OBLIGATION(S) UNDER THE CONTRACT, WITHOUT THE PURCHASER NEEDING TO PROVE OR SHOW GROUNDS FOR THE DEMAND OR THE SUM SPECIFIED THEREIN.

CLAIMS AND STATEMENTS AS AFORESAID MUST BEAR THE SIGNED AND DATED CONFIRMATION OF YOUR BANKERS THAT THE SIGNATORIES THEREON ARE AUTHORISED SO TO SIGN

THIS ADVANCE PAYMENT GUARANTEE SHALL COME INTO FORCE AND EFFECT AS SOON AS THE ADVANCE PAYMENT HAS BEEN CREDITED TO THE SUPPLIER ON ITS ACCOUNT HELD AT NATIONAL WESTMINSTER BANK, ACCOUNT NAME: EAGLE SCIENTIFIC LTD, IBAN: GB76NWBK56006187043416 SWIFT/BIC: NWBKGB2L, SORT CODE: 56-00-61, ACCOUNT NO: 87043416

\*\*\*\*CONTINUED ON NEXT PAGE\*\*\*\*



THIS GUARANTEE WILL EXPIRE UPON THE EARLIER OF 8TH SEPTEMBER 2024 OR PRESENTATION TO THE GUARANTOR BY THE SUPPLIER OF A CERTIFIED TRUE AND CORRECT COPY OF A BILL OF LADING PURPORTING TO HAVE BEEN SIGNED UNDER THE CONTRACT. CONSEQUENTLY, ANY DEMAND FOR PAYMENT UNDER THIS GUARANTEE MUST BE RECEIVED BY US AT THIS OFFICE ON OR BEFORE THAT DATE.

SAVE FOR ANY AMENDMENTS TO THE GUARANTOR'S PRESENTATION ADDRESS, NO VARIATION OF CANCELLATION OF THIS GUARANTEE WILL BE OF ANY FORCE OR EFFECT WITHOUT THE PRIOR WRITTEN CONSENT FROM THE AUTHORISED REPRESENTATIVE OF THE PURCHASER, THE AUTHORISED REPRESENTATIVE OF THE SUPPLIER AND THE AUTHORISED REPRESENTATIVE OF THE BANK.

WE FURTHER AGREE THAT NO CHANGE OR ADDITION TO OR OTHER MODIFICATION OF THE TERMS OF THE SUPPLY OF GOODS TO BE PERFORMED THEREUNDER OR OF ANY OF THE CONTRACT DOCUMENTS WHICH MAY BE MADE BETWEEN THE PURCHASER AND THE SUPPLIER, SHALL IN ANY WAY RELEASE US FROM ANY LIABILITY UNDER THIS GUARANTEE, AND WE HEREBY WAIVE NOTICE OF ANY SUCH CHANGE, ADDITION, OR MODIFICATION.

THIS GUARANTEE IS PERSONAL TO THE PURCHASER AND IS NOT TRANSFERABLE OR ASSIGNABLE.

THIS GUARANTEE IS SUBJECT TO THE UNIFORM RULES FOR DEMAND GUARANTEES, ICC PUBLICATION NO. 758 AND IS SUBJECT TO ENGLISH LAW.

YOURS FAITHFULLY

AUTHORISED SIGNATORY

AUTHORISED SIGNATORY

SUSAN SMITH



Regent House  
Lenton Street  
Sandiacre  
Nottingham NG10 5DJ  
United Kingdom  
Tel: +44 (0)115 949 1111  
Fax: +44 (0)115 939 1144  
E-mail: equip@eagle-scientific.co.uk  
Website: www.eagle-scientific.co.uk

12 June 2024

**Purchaser**  
Kwame Nkrumah University of  
Science and Technology  
University Main Campus  
Kumasi  
University Post Office  
Private Mail Bag  
Kumasi - Ghana

**Invoice No: ES2751**

IFT No. AS/KNUST/GD/0026/2023, Dated: 27/02/2024  
Ref No.: VC/SS/02/2024/07

Subject: Procurement of Various Laboratory Equipment for the Regional Transport Research and Education Centre – Kumasi (TRECK), KNUST – IFT No. AS/KNUST/GD/0026/2023

**TOTAL DDP KNUST: GBP 515,519.48**

**Consignee**  
Kwame Nkrumah University of  
Science and Technology  
University Main Campus  
Kumasi  
University Post Office  
Private Mail Bag  
Kumasi - Ghana

**Notify Contact:**  
Professor Mrs Rita Akosua Dickson  
Vice-Chancellor

**Payment Terms:** 100% Advance Payment

Please make payment to National Westminster Bank

Account Name: Eagle Scientific Ltd  
Account No: 87043416  
Swift Code/BIC No: NWBKGB2L  
Sort Code: 56-00-61  
IBAN: GB76NWBK56006187043416

**eagle scientific ltd.**  
REGENT HOUSE  
LENTON STREET, SANDIACRE  
NOTTINGHAM NG10 5DJ  
Tel: 0115 949 1111  
Fax: 0115 939 1144

*[Handwritten signature]*

Eagle Scientific Limited

*③ SPT, clay*  
*Pls. let write to VC  
for permit to effect  
Advance payment to  
the supplier*

Page 1 of 4

*@ Head, Contract*  
*[Handwritten signature]*

*[Handwritten signature]*  
*18/06/24*



**ES2751 - INVOICE**  
**REF: AS/KNUST/GD/0026/2023**

Item	Description	Model No.	Origin	Qty	Unit of Sale	Unit Price CIF Tema Port GBP	Total Price CIF Tema Port GBP
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14	Centrifuge Extractor (Bitumen) Explosion Proof	B011-01	E.U	1	Each	3,702.00	3,702.00
15	Bowl and Cover 1500 g capacity	B010-11	E.U	1	Each	286.50	286.50
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24.2	Isomantle heater for planetary mixer 20L	CRT-MIXER-20-ISOM	UK	1	Each	2,543.63	2,543.63

ES2751 - INVOICE  
REF: AS/KNUST/GD/0026/2023

Item	Description	Model No.	Origin	Qty	Unit of Sale	Unit Price CIF Tema Port GBP	Total Price CIF Tema Port GBP
25	Digital Thermometer for Asphalt, Dual Range	82-D1229	EU	5	Each	370.77	1,853.85
26	Penetration probe 120 mm long, suitable for Asphalt	82-D1229/1	EU	5	Each	171.02	855.08
27	Air Compressor for Gyrotory Compactor	CRT-TGR-840	Turkey	1	Each	1,096.76	1,096.76
28	Material Handling Chute	HMA68	USA	2	Each	247.37	494.74
29	Universal Sample Splitter (3.5ft <sup>3</sup> /99.1 Litre Hopper Capacity)	SP-0	USA	1	Each	4,842.11	4,842.11
30	Electromagnetic Sieve Shaker, for sieves up to 315mm diameter	15-D0407/B	Italy	1	Each	1,450.82	1,450.82
31	Device for clamping pycnometers to the electromagnetic vibro-deaerator	15-D0407/B1	Italy	1	Each	112.85	112.85
32	Vacuum pycnometer 10000 ml capacity	75-D1123/D	EU	1	Each	789.65	789.65
33	Air Drying Unit	86-D2005	Italy	1	Each	145.10	145.10
34	Rubber tube, 6.5 x 16.5 mm, 2m length, for vacuum pumps	86-D2064	EU	1	Each	29.87	29.87
35	Two Stage Portable Vacuum Pump	86-D2003	EU	1	Each	725.40	725.40
36	Silica Gel with Indicator, 1000g	86-D0819	EU	1	Each	66.45	66.45
37	Digital Balance, 6000g capacity x 0.1g resolution	11-D0630/6	EU	1	Each	525.66	525.66
38	Load Cell 50 kN Capacity, pancake type	UTGM-1210	Turkey	2	Each	433.50	867.00
39	Marshall Impact Automatic Compactor 230V/50Hz/1ph	76-B4432	EU	1	Each	7,734.51	7,734.51
40	Universal Specimen Extruder, 50kn	16-T0080	EU	1	Each	860.67	860.67
41	Counting Bench Scales 35kg, Semi-Automatic	R71MD35-GB (30088851)	E.U	1	Each	1,305.60	1,305.60
42	DVPlus HB Viscometer	XDVPLHBTB00G00	USA	1	Each	6,178.50	6,178.50
43	Dynamic Shear Rheometer	B085-07N	EU	1	Each	42,750.00	42,750.00
44	Bending Beam Rheometer	CRT-BBR2S	E.U	1	Each	42,646.50	42,646.50
45	Pressure aging vessel	CRT-PAV1	UK	1	Each	13,712.63	13,712.63
45.1	Verification kit for pav,	CRT-PAV1-VERIF-KIT	UK	1	Each	1,555.50	1,555.50
46	Rolling thin film oven	CRT-OV-RTF-50	UK	1	Each	15,918.38	15,918.38
47	Thermometer ASTM 13C	B064-03A	EU	1	Each	157.50	157.50
48	VersaPro Universal electro-mechanically operated Testing Machine	4443-2XC6-4002	UK	1	Each	40,984.25	40,984.25
48.1	Temperature Controlled Cabinet 530L	CRT-TCC	UK	1	Each	11,793.75	11,793.75
49	Test system to perform dynamic modulus according to AASHTO TP62/SPT	CRT-SPTLV-CDAC	UK	1	Each	5,762.63	5,762.63



**ES2751 - INVOICE**  
**REF: AS/KNUST/GD/0026/2023**

Item	Description	Model No.	Origin	Qty	Unit of Sale	Unit Price CIF Tema Port GBP	Total Price CIF Tema Port GBP
50	Resilient modulus test system to perform AASHTO TP31 and ASTM D4123	CRT-IT-RESMOD	UK	1	Each	5,662.28	5,662.28
51	Resilient modulus test system to perform ASTM D7369 cDAC	CRT-IT-D7369-CDAC	UK	1	Each	7,548.00	7,548.00
52.1	Indirect tensile measurement system (modulus and fatigue)	CRT-ITSMFAT-SET-CD	UK	1	Each	8,861.25	8,861.25
52.2	Indirect Tensile Creep measurement system according to AASHTO T322	CRT-INDTENS-CREEP	UK	1	Each	7,506.50	7,506.50
53.01	Digital Balanced Mix Design Frame	CS-BMD9500-KIT	UK	1	Each	11,314.35	11,314.35
53.02	ISS (Interlayer Shear) AASHTO TP114 100 and 150mm samples test accessory for the above frame	CS-BMD9500-ISS-M	UK	1	Each	4,741.10	4,741.10
54	Transducer included with item 53.01	included with item 53.01	UK	1	Each	-	-
55	Cylinder, measuring, spouted, borosilicate glass, Class B, 250 x 2.0ml.	C32-8650	UK	10	Each	15.18	151.80
56	Oven, 50 to 300°C, Capacity 99L	PRO/100/TDIG/300	UK	1	Each	2,385.00	2,385.00
57	Hamburg Wheel Tracker WTIM-A - 2 arm	4425-2AK5-4002	UK	1	Each	52,688.49	52,688.49
57.1	Mould - WT/RC 320 x 260 x 60mm, stainless steel	4352-4xxx-4005	UK	2	Each	1,025.81	2,051.61
57.2	Plastic mould for double cores 6" tested simultaneously to be inserted in Stainless Steel mould 320x260 mm (60mm depth)	CRT-WTIMRCM-26060-	UK	2	Each	411.25	822.50
58	Micro-Deval Machine (230V, 50Hz)	MD-2000F	USA	1	Each	7,236.84	7,236.84
<b>Total price CIF Tema Port in GBP (Includes Installation and Commissioning)</b>							<b>£ 382,758.12</b>
<b>Clearance and Delivery to KNUST</b>							<b>£ 2,814.67</b>
<b>Total Price CIP to site in GBP</b>							<b>£ 385,572.79</b>
<b>Import duties and taxes</b>							<b>£ 53,586.27</b>
<b>Import VAT</b>							<b>£ 76,360.42</b>
<b>Total Price DDP in GBP</b>							<b>£ 515,519.48</b>