

**Section 4 Appendix A**

**CALLDOWN CONTRACT**

**Framework Agreement with:** AECOM Ltd

**Framework Agreement for:** Goods and Equipment Procurement Supplier Framework Agreement

**Framework Agreement Purchase Order Number:** 7387

**Call-down Contract For:** Women for Health (W4H) – Procurement for E Learning Installation Phase 2 (2017) - Nigeria

**Contract Purchase Order Number:** PO 8091

I refer to the following:

1. The above mentioned Framework Agreement dated 29 March 2016;
2. Your proposal of 21 August 2017

and I confirm that DFID requires you to provide the Services (Annex A/Annex C), under the Terms and Conditions of the Framework Agreement which shall apply to this Call-down Contract as if expressly incorporated herein.

**1. Commencement and Duration of the Services**

- 1.1 The Supplier shall start the Services no later than 25 September 2017 (“the Start Date”) and the Services shall be completed by 17 November 2017 (“the End Date”) unless the Call-down Contract is terminated earlier in accordance with the Terms and Conditions of the Framework Agreement.

**2. Recipient**

- 2.1 DFID requires the Supplier to provide the Services to Government of Nigeria (“the Recipient”).

**3. Financial Limit**

- 3.1 Payments under this Call-down Contract shall not, exceed £248,939.29 (“the Financial Limit”) and is inclusive of any government tax, as detailed in Annex B.

**4. DFID Officials**

- 4.1 The Project Officer is:

██████████  
DFID Nigeria  
Tel ██████████

4.2 The Contract Officer is:

██████████  
DFID Abercrombie House, East Kilbride  
██████████

5. Key Personnel

N/A

**6. Reports**

6.1 The Supplier shall submit project reports in accordance with the Terms of Reference/Scope of Work at Annex A.

**7. Duty of Care**

All Supplier Personnel (as defined in Section 2 of the Agreement) engaged under this Call-down Contract will come under the duty of care of the Supplier:

- I. The Supplier will be responsible for all security arrangements and Her Majesty's Government accepts no responsibility for the health, safety and security of individuals or property whilst travelling.
- II. The Supplier will be responsible for taking out insurance in respect of death or personal injury, damage to or loss of property, and will indemnify and keep indemnified DFID in respect of:
  - II.1. Any loss, damage or claim, howsoever arising out of, or relating to negligence by the Supplier, the Supplier's Personnel, or by any person employed or otherwise engaged by the Supplier, in connection with the performance of the Call-down Contract;
  - II.2. Any claim, howsoever arising, by the Supplier's Personnel or any person employed or otherwise engaged by the Supplier, in connection with their performance under this Call-down Contract.
- III. The Supplier will ensure that such insurance arrangements as are made in respect of the Supplier's Personnel, or any person employed or otherwise engaged by the Supplier are reasonable and prudent in all circumstances, including in respect of death, injury or disablement, and emergency medical expenses.
- IV. The costs of any insurance specifically taken out by the Supplier to support the performance of this Call-down Contract in relation to Duty of Care may be included as part of the management costs of the project, and must be separately identified in all financial reporting relating to the project.
- V. Where DFID is providing any specific security arrangements for Suppliers in relation to the Call-down Contract, these will be detailed in the Terms of Reference.

**8. Call-down Contract Signature**

8.1 If the original Form of Call-down Contract is not returned to the Contract Officer (as identified at clause 4 above) duly completed, signed and dated on behalf of the Supplier within 15 working days of the date of signature on behalf of DFID, DFID will be entitled, at its sole discretion, to declare this Call-down Contract void.



For and on behalf of  
The Secretary of State for  
International Development



Name:

Position:

Signature:

Date:

For and on behalf of

AECOM Ltd

Name:

Position:

Signature:

Date:

## **ANNEX A**

### **Terms of Reference**

Procurement for e-Learning Installation Phase 2 (2017) – for Women for Health (W4H) Programme, Nigeria implemented by Health Partners International

**Procurement Supplier – AECOM Limited**  
**Supplier ID 53127**

#### **Introduction:**

1. The UK Government through Women for Health (W4H) programme aims to increase the number of female front-line health providers and support their deployment to rural health facilities where they can have greatest impact on maternal, infant and child mortality. The programme is being implemented in support of the government of Nigeria's efforts to achieve MDG targets 4, 5 and 6. The programme works in five states of northern Nigeria (Jigawa, Katsina, Yobe, Zamfara and Kano)
2. DFID is contracting AECOM under the current Framework Arrangement to assist with the procurement and delivery of e-learning equipment for Women for Health (W4H) programme in Nigeria

#### **Objectives:**

3. The objective is to procure e-learning goods equipment for the Women for Health (W4H) programme in Nigeria

#### **The Recipient:**

4. The recipient of the goods is the Women for Health (W4H) Programme in Nigeria

#### **The Scope:**

5. AECOM's role under the will include having an oversight of the procurement planning, sourcing, tendering, technical and commercial evaluation, contract placement, expediting, quality assurance and inspection, progress and financial reporting..

#### **Deliverables:**

6. AECOM will work with the Service Provider (Health Partners International) who will provide the required technical specification of the goods/equipment to AECOM.
7. AECOM will be responsible for procuring the goods as set out in Annex B..
8. When considering the reality on the ground it will be essential for AECOM and the Service Provider to work closely to avoid unnecessary delivery and operational delays. To this end AECOM will put in place appropriate resources to meet the programme's procurement requirements, and develop appropriate knowledge in-country.

**Methodology:**

9. Clear communication channels and/or approval processes will be established between AECOM, DFID Nigeria and the Service Provider.
10. A variety of considered solutions to programmatic and management challenges, identifying the advantages and disadvantages of each course, will be presented to DFID for final decision making, as and when necessary.
11. DFID Nigeria Programme Officer will be kept informed of all relevant issues that are likely to affect the implementation of the programme. A communication matrix is attached in Annex G.
12. AECOM's methodology for undertaking this assignment must be consistent with the scope of the services/terms and conditions of the Goods and Equipment Framework. Timing and procurement planning are critical to the successful implementation of the project. AECOM will demonstrate efficiency, effectiveness, accountability and transparency, and measure and record its associated value added.

**Financial Management:**

13. Payments will be linked to deliveries. Payments will be made on delivery and inspection of goods on an agreed milestone basis as per the proposal.
14. Delivery milestones shall be explained in detail in the proposal in Annex C, along with associated budget and timeframes
15. AECOM will submit invoices for payment to DFID PCD as per the Goods and Equipment Framework.

**Reporting:**

16. AECOM will report to DFID Nigeria and will provide the following:
  - a. Procurement plan and proposal agreed and signed with DFID clearly defining the roles and responsibilities of each party.
17. Whenever appropriate AECOM will acknowledge that DFID is providing the funding for this programme.
18. A final invoice will be submitted to DFID Nigeria by AECOM providing details of goods delivered during the procurement period. This would also include a breakdown of costs for the goods logistics, insurance (if any) and procurement fee to DFID.

**Timeframe:**

19. AECOM will be contracted for a period commencing not later than 25 September 2017 and shall be completed by 17 November 2017.

### Duty of Care

The Supplier is responsible for the safety and well-being of their Personnel (as defined in Section 2 of the Contract) and Third Parties affected by their activities under this contract, including appropriate security arrangements. They will also be responsible for the provision of suitable security arrangements for their domestic and business property.

DFID will share available information with the Supplier on security status and developments in-country where appropriate.

The Supplier is responsible for ensuring appropriate safety and security briefings for all of their Personnel working under this contract and ensuring that their Personnel register is up to date, and receives briefing as outlined above. Travel advice is also available on the FCO website and the Supplier must ensure they (and their Personnel) are up to date with the latest position.

This Procurement will require the Supplier to operate in conflict-affected areas and parts of it are highly insecure. The security situation is volatile and subject to change at short notice. The Supplier should be comfortable working in such an environment and should be capable of deploying to any areas required within the region in order to deliver the Contract (subject to travel clearance being granted)

The Supplier is responsible for ensuring that appropriate arrangements, processes and procedures are in place for their Personnel, taking into account the environment they will be working in and the level of risk involved in delivery of the Contract (such as working in dangerous, fragile and hostile environments etc.). The Supplier must ensure their Personnel receive the required level of training.

The supplier confirms that :

- They fully accept responsibility for Security and Duty of Care.
- They understand the potential risks and have the knowledge and experience to develop an effective risk plan.
- They have the capability to manage their Duty of Care responsibilities throughout the life of the contract.

## Annex B Specifications

Item Master Description	Specification Details	Quantity
Lot 1		
Desktop mini PC (like remix Mini)	<p>Operating system Android</p> <p>Processor 1.2 Ghz 64 bit Quad core cortex A 53</p> <p>Storage memory 16 GB eMMC</p> <p>RAM memory 2 GB</p> <p>Video support : H.265 Hardware decoding</p> <p>1080P HDMI output</p> <p>supporting 1920 x 1080 resolution</p> <p>Audio support : Audio line out / headphone minijack</p> <p>Ports and connections: 2 x USB 2.0</p> <p>Micro-SD</p> <p>Ethernet</p> <p>HDMI</p> <p>Headphone</p> <p>WiFi: 802.11b/g/n WiFi networking</p> <p>Bluetooth 4.0</p> <p>Ethernet 10/100 Base-T Ethernet</p> <p>Power requirements Line voltage 100 - 240 V AC</p> <p>Frequency 50 / 60 Hz</p> <p>Maximum continuous power 15 Watt</p> <p>supplied with Power supply</p> <p>HDMI cable</p>	250
Computer keyboard, standard international (USB)	<p>Keyboard lay out: QWERTY</p> <p>International English layout</p> <p>Size: Full size with numeric pad</p> <p>Color: Black with white letter print</p> <p>Connection: USB</p> <p>Cable length: Minimal 1 meter</p>	250
Optical mouse USB	<p>Optical mouse USB</p> <p>Standard mouse 3 button and scroll wheel</p> <p>Positioning Optical technology for better precision</p> <p>Connection cabled mouse with USB connection</p> <p>Cable length minimal 1.5 meter</p>	250
Full HD LCD / LED Monitor with HDMI connector	<p>Display Type LED-backlit LCD monitor</p> <p>Native Resolution Full HD 1080p, 1920 x 1080</p> <p>Response time 5 ms or less</p> <p>Contrast 1000 : 1 typical</p>	250

	<p>Brightness Typical 250 cd/m2 Minimum</p> <p>Backlight Technology LED backlight</p> <p>Digital Video Interface HDMI (native digital HDMI connector!, adaptor is not acceptable)</p> <p>Inbuilt speakers 2 x 1 Watt Stereo</p> <p>Power Consumption Typical 21 Watt Maximum</p> <p>Power Consumption Stand by 1 Watt Maximum</p> <p>Power management VESA DPMS, Energy Star</p> <p>Power supply AC 120/ 240 VAC</p> <p>Supplied with power cord</p>	
WiFi network router	<p>CPU Atheros AR9344 600MHz CPU</p> <p>Memory 128MB DDR2 onboard memory</p> <p>Ethernet Five independent 10/100/1000 Gigabit Ethernet ports</p> <p>Power options PoE: 8-30V DC on Ether1 (Non 802.3af). Jack: 8-30V DC</p> <p>Operating System MikroTik RouterOS, Level4 license</p> <p>Power consumption up to 7 Watt</p> <p>Antennas 2x2 MIMO PIF antennas, max gain 2.5dBi</p>	31
	Lot 2	
Inverter Sine Wave 1200 Watt	<p>Continuous power at 40 degree Celsius 1200 Watt</p> <p>Peak Power 1600 Watt</p> <p>Overload protection Thermostatic and fused</p> <p>Output AC Voltage 230 VAC +/- 3 %</p> <p>Frequency 50 Hz +/- 0,3 %</p> <p>Input Voltage 10,5 - 15 VDC</p> <p>Efficiency 90%</p> <p>Material Aluminum frame</p> <p>Socket outlet 1 x UK square 3 pin (BS 1363)</p> <p>Protection category IP 20</p>	10
Inverter Sine Wave 350 Watt	<p>Continuous power at 40 degree Celsius 350 Watt</p> <p>Peak Power 500 Watt</p> <p>Overload protection Thermostatic and fused</p> <p>Output AC Voltage 230 VAC +/- 3 %Frequency 50 Hz +/- 0,3 %</p> <p>Input Voltage 10,5 - 15 VDC</p> <p>Efficiency 90%</p> <p>Material Aluminum frame</p> <p>Socket outlet 1 x UK square 3 pin (BS 1363)</p> <p>Protection category IP 20</p>	10
Inverter Sine Wave 700 Watt	<p>Continuous power at 40 degree Celsius 700 Watt</p> <p>Peak Power 1000 Watt</p> <p>Overload protection Thermostatic and fused</p> <p>Output AC Voltage 230 VAC +/- 3 %</p> <p>Frequency 50 Hz +/- 0,3 %k</p> <p>Input Voltage 10,5 - 15 VDC</p>	21



	<p>Efficiency 90%</p> <p>Material Aluminum frame</p> <p>Socket outlet 1 x UK square 3 pin (BS 1363)</p> <p>Protection category IP 20</p>	
Solar PV panel, 240 pWatt	<p>Solar module type polycrystalline silicon module,</p> <p>Power tolerance power tolerance of 0%/+5%.</p> <p>Cell protection and sealing Tempered glass, EVA lamination and weatherproof back skin</p> <p>Frame Material Clear aluminum</p> <p>Module Connector: SMK Locking Connector or equivalent</p> <p>System Rating: 240 Watts</p> <p>Max Power Voltage (Vmpp): in the range of 25 - 30 Volts</p> <p>Max Power Current (Impp): in the range of 7 - 10 Amps</p> <p>Max System Voltage: 600 Volts</p> <p>Module Efficiency range 13 - 14 %</p> <p>Certification CE or equivalent</p>	182
Solar Battery Charge Controller MPPT	<p>Rating continuous 30 Amp</p> <p>Output voltage range Regulator 12V / 24V with MPPT</p> <p>Battery voltage adjustable for Lead acid and Gel solar batteries,</p> <p>Overload protection Fused and thermo protection</p> <p>Low voltage load cut out protection Programmable by user</p>	182
Ceiling fan 12 - 14 Volt DC	<p>Ceiling fan 12 - 14 Volt DC ceiling mounting</p> <p>air displacement (Minimal) 1500 CFM</p> <p>power rating less than 25 Watt, 12 - 14 VDC</p> <p>Number of blades / blade diameter 3 / 1,5 meter</p> <p>ceiling mounting suspended from ceiling approx. 1 meter</p>	80
13A Switched Socket outlets	<p>13A Switched Socket outlets, 2 Gang Single Pole</p> <p>Material White Moulded</p> <p>Country of origin UK</p>	400
2-Gang Surface Mounting Box, 45mm	<p>2-Gang Surface Mounting Box, 45mm</p> <p>Material White Moulded</p>	400
Cable Twin and Earth, 2, 5 mm role 100 meter	<p>Cable Twin and Earth, 2, 5 mm role 100 meter</p> <p>Jacket colour Grey</p> <p>No of cores 3</p> <p>Conductor area 2,5 mm square</p> <p>Jacket material PVC</p>	20
Wire, stranded, insulated, 6 mm square, red	<p>Wire, stranded, insulated, 6 mm square, red</p> <p>Multi stranded copper wire</p> <p>Length 50 meter</p> <p>Jacket colour Red</p> <p>Conductor area 6 mm square</p>	90
Wire, stranded, insulated, 6 mm	<p>Wire, stranded, insulated, 6 mm square, black</p> <p>Multi stranded copper wire</p>	90

square, black	Length 50 meter Jacket colour Black Conductor area 6 mm square	
<b>Lot 3</b>		
Battery 12 Volt 200 AH	Rechargeable 12V 200ah Solar battery Maintenance free Lead Acid Power rating 12V 200Ah/10HR battery Float voltage range Float:13.38~13.68 V/77°F/(25°C) Cycle voltage range Cycle:14.28~14.52 V/77°F/(25 ) °C Self discharge rate Self-Discharge less than 3% of capacity declined per month at 20°C(average)	81
<b>Lot 4</b>		
Dexy Iron	Pre-Perforated angle iron that M8 bolts can pass through	450
Trunking pipe	Plastic, 40 X 50	80
Trunking pipe	Plastic, 25 X 40	80
Trunking pipe	Plastic, 16 X 25	60
M8 Bolts	M8	2,800
M8 Nuts	M8	2,800
M8 Washers	M8	2,800
Concrete Nails Pkt	1 inch	12
Concrete Nails Pkt	2 inches	4
Roofing nails for short span	Galvanised iron type, 2.5 inches	600
Nuts for roofs with metallic rafters	Assorted sizes of 8mm, 10mm & 12mm	1,500
Nail gasket Pkt	Plastic, for short span roofing sheets	10
Fisher size 10 Pkt	Plastic, size 10	25
Fisher size 8 Pkt	plastic, size 8	8
Fisher, size 6 Pkt	Plastic, size 6	5
Screw nails for Fisher size 10 Pkt	Metal, for Fisher size 10	25
Screw nails for Fisher size 8 Pkt	Metal, for Fisher size 8	5
Screw nails for Fisher size 6 Pkt	Metal, for Fisher size 6	5
C-plastic clamps for cables	Medium size	10
Cable connectors, 10mm	10mm	250
Cable	6mm	400

connectors,6mm		
Insulating tape	For insulating electrical connections	120
Washers for fixing steel ropes	8mm	700
Washers for fixing steel ropes	10mm	700
Cable ties , medium size Pkt		40
Steel wire roll	2mm, 100 meter long	5
steel wire tensioners	M6 x 180 mm	70
screw hooks	6mm x 60 mm	140
Cable ties , medium size Pkt	6mm x 60 mm	40
13 amp square top plug	square plug	25
15 amp round top plug (old BS standard)	Round plug	75
Screw type lamp holders E 27	Screw type E 27	160
LED Lamp E 27 12 VDC	E 27 screw type 12-14 V DC	160