



**AFRICAN VIRTUAL UNIVERSITY  
UNIVERSITE VIRTUELLE AFRICAINE  
UNIVERSIDADE VIRTUAL AFRICANA**

**AFRICAN VIRTUAL UNIVERSITY (AVU)  
SUPPLY OF ONLINE BULK SHORT MESSAGING SERVICE SOLUTION**

**25<sup>th</sup> May 2010**

**To**  
All Interested Bidders

1. You are invited to submit your priced quotation for the supply of the following items:

	<b>Description</b>
i.	Online Bulk Short Message Service (SMS) Solution and text credits to send 20,000 texts to GSM networks within Africa
ii.	Integration of the SMS Solution with the AVU Moodle-based learning platform available on <a href="http://virtualclass.avu.org">http://virtualclass.avu.org</a>

2. Priced quotations will be evaluated for each of the items and contract awarded to the firm meeting the technical requirements and offering the lowest evaluated total cost of all the items.

3. Your quotation(s) in the required format should be addressed and submitted to:

**ICT Specialist  
African Virtual University,  
Cape Park Office (Opp. Yaya Center)  
P. O. Box 25405,  
Nairobi 00603  
KENYA  
Tel: +254-20-2528333/3861458  
Fax: +254-20-3861460  
Email: [tech@avu.org](mailto:tech@avu.org)**

4. Your quotation should be accompanied by adequate technical documentation and catalogue(s) and other printed material or pertinent information for each item quoted, including names and addresses of firms providing service facilities in the country.

5. The deadline for receipt of your quotation (s) by the Purchaser at the address indicated in Paragraph 3 is: **11.00 am on Wednesday 30<sup>th</sup> June 2010.**

7. Your quotation(s) should be submitted as per the following instructions, Technical Specifications set out in Appendix A.

(i) PRICES: The prices should be quoted in any freely convertible currency and include delivery to the AVU offices.

(ii) EVALUATION AND AWARD OF PURCHASE ORDER: Offers determined to be substantially responsive to the technical specifications will be evaluated and an award will be made to the firm offering the lowest evaluated price and that meets the required standards of technical and financial capabilities. Taxes (VAT) and any other local duties should be quoted separately.

(iii) VALIDITY OF THE OFFER: Your quotation(s) should be valid for a period of 60 days from the date for receipt of quotation(s) indicated in Paragraph 5 above.

8. Proof of ability to supply the order will be required and a minimum of three (3) customer references shall be supplied.

9. Further information can be obtained from:

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African Virtual University,  
Cape Park Office (Opp. Yaya Center)  
P. O. Box 25405,  
Nairobi 00603  
KENYA  
Tel: +254-20-2528333/3861458  
Fax: +254-20-3861460  
Email: tech@avu.org**

## APPENDIX A: TECHNICAL SPECIFICATIONS

### 1. Required Technical Specifications

#### i. Country Coverage

Indicate the Service Providers in each of the countries below. The list may be expanded to include other countries not specified here.

	<b>Country</b>	<b>Service Provider(s)</b>
1.	Benin	
2.	Burkina Faso	
3.	Burundi	
4.	Cameroon	
5.	Congo (DRC)	
6.	Cote d'Ivoire	
7.	Ethiopia	
8.	Ghana	
9.	Guinea Bissau	
10.	Guinea	
11.	Kenya	
12.	Madagascar	
13.	Malawi	
14.	Mali	
15.	Mauritania	
16.	Mozambique	
17.	Namibia	
18.	Niger	
19.	Nigeria	
20.	Rwanda	
21.	Senegal	
22.	Somalia	
23.	Sudan	
24.	Tanzania	
25.	Togo	
26.	Uganda	
27.	Zambia	
28.	Zimbabwe	

#### ii. Features

	<b>Feature</b>	<b>Comply? (Yes/No)</b>
1.	Available Online (Internet Based)	
2.	Secure, Password Protected Interface	

3.	Can be ported into Moodle to allow users with appropriate privileges in Moodle to access the system and send messages using a single sign in.	
4.	Can store a database of telephone numbers in the Address Book	
5.	Telephone numbers in the address book can be placed into multiple groups	
6.	Text messages can be sent to specified groups or to entire address book	
7.	Supports standard 160 character SMS	
8.	Character set supports SMS in English, French and Portuguese Languages	
9.	Supports "long SMS" i.e. multiple messages in a single SMS	
10.	99.5% service availability	
11.	Technical support available on Email, Instant Messaging and Telephone to cover all time zones in the countries covered	
12.	Scheduled SMS delivery	
13.	Reports on Messages sent, Credit used, available balance	
14.	Can send 2,000 messages at a go	
15.	Supports specific sender ID e.g. "AVU"	
16.	Supports bulk upload of contacts to address book	
17.	SMS Credits carried forward (not time limited)	

### Information on the AVU Moodle Platform

Visit:

<http://virtualclass.avu.org/>

<http://moodle.org/>

<http://en.wikipedia.org/wiki/Moodle>

### What is Moodle?

**Moodle** (abbreviation for *Modular Object-Oriented Dynamic Learning Environment*) is an Open Source Course Management System (CMS), also known as a Learning Management System (LMS) or a Virtual Learning Environment (VLE). It has become very popular among educators around the world as a tool for creating online dynamic web sites for their students. As of January 2010 it had a user base of 45,721 registered and verified sites, serving 32 million users in 3 million courses.

Developers can extend Moodle's modular construction by creating plugins for specific new functionality. Moodle's infrastructure supports many types of plug-ins:

- activities (including word and math games)
- resource types
- question types (multiple choice, true and false, fill in the blank, etc)
- data field types (for the database activity)
- graphical themes
- authentication methods (can require username and password accessibility)
- enrollment methods
- content filters

Moodle users can use PHP to author and contribute new modules.

- The AVU is running the latest Stable version of Moodle (1.9.8), PHP 5.2.6, MySQL 5.0.45

## **2. Performance Parameters**

Supplier confirms compliance with above specifications. In case of deviations Supplier **will list all such deviations** in advance and get Purchaser's authorization before shipping

**3. Fixed Price** The prices indicated above are firm and fixed and not subject to any adjustment during contract performance.

**4. Delivery Schedule:** within two weeks of the placement of the order

**5. Payment:** 30 days from presentation of invoice and delivery

**6. Warranty:** Goods offered should be covered by manufacturer's warranty where applicable for at least 12 months from the date of delivery to the Purchaser unless otherwise stated. Please specify warranty period and terms in detail.

## **7. Packaging and Marking Instructions:**

The Supplier shall provide such packing, marking, and documentation within and outside the packages of the Goods as is required to prevent their damage or deterioration during shipment.

**8. Failure to Perform:** The Purchaser may cancel the Purchase Order if the Supplier fails to deliver the Goods or services, in accordance with the above terms and conditions, in spite of a 21 day notice given by the Purchaser, without incurring any liability to the Supplier.

### Annexure I – Price Schedule

Sr. No.	Description of Items Required	Quantity	Unit Price	Total Price
i.	SMS Messages	20,000		
ii.	Integration with AVU Moodle	Lot		

<b>Total for all Items</b>	
<b>Less: Discount</b>	
<b>Net Total of all items</b>	
<b>Add: Misc. Charge, if any</b>	
<b>Grand Total</b>	
<b>Grand Total in words</b>	

<b>Delivery required at</b>	<i>AVU Offices, Cape Office Park, 3<sup>rd</sup> Floor, Nairobi</i>
<b>Delivery date</b>	<i>Please indicate your most competitive delivery time</i>
<b>Warranty/ Guarantee offered</b>	
<b>Quotation Valid till</b>	
<b>Currency stated in</b>	

<b>Any additional special conditions are given on the next page.</b>	<b>By signing and returning this Price Schedule, we agree to supply the above mentioned items at the rates quoted.</b>
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<b>Bidder Comments (if any):</b>	
	<b>Name &amp; Signature of Person completing this Request</b>
(Add additional pages if necessary)	<b>Seal of the company giving the name and address.</b>