



Kampala Capital City Authority

ADDENDUM # 1

FOR DESIGN AND DEVELOPMENT OF THE COMPUTER AIDED MASS PROPERTY VALUATION INFORMATION SYSTEM, CITY ADDRESS MODEL (CAM) AND THE KCCA CORPORATE GIS (CAM/CAMPV SYSTEM)

ICB No: KCCA/KIIDP2/16-17/00509

ALL BIDDERS

This is to issue Addendum Number 1 to the bid document clarifying on the queries raised by some bidders

S/N	Reference to bidding document	Amendment
1.	Under Invitation for Bids clause 5 (c) page 6	Clause 5 (c) page 6: Amended to read as “Shall submit any of the following evidence/certifications of establishment of internationally recognized or home-grown quality process in software development of CMMI Level 5, ISO/IEC 27001, TMMI Level 5, ISO9001:2015” Or equivalent
2.	Section 6.3 Dynamic Capacity Requirements	Section 6.3 Dynamic Capacity Requirements Insert i.i Simultaneous System User capacity KCCA has four categories of users/user group and these include; <ul style="list-style-type: none">- Systems Administrators (2)- Business Administrators (2)

		<ul style="list-style-type: none"> - Publishers (10) - Viewers (General public)
3	Section 3.2 “System Software and System-Management Utilities”	<p>Section 3.2 “System Software and System-Management Utilities”</p> <p>Replace</p> <p>“</p> <p>The system should be designed to work as a remote system (i.e. in far distance sites) over LAN, WAN or the internet. Each workstation on the remote site should be able to capture the data on the remote system. The system should also support working in off-line modes – in case of connectivity problems, the system should continue working locally and when connectivity between the workstation and the centralized database is restored, the data should be synchronized and the user will be able to continue working on the main database.</p> <p>”</p> <p>With</p> <p>“</p> <p>The system shall be designed with a data collection module running independently on the 25 data collection equipment specified in 8.1 Annexure 1: Hardware Technical Specifications. Each data collection equipment shall be able to capture the data and send it to the centralized database in real time. The system shall support working in off-line modes in case of connectivity problems. The data captured during the offline mode should be synchronized when connectivity is restored.</p> <p>“</p>
4	Section VI Technical Requirements; 1.3 Expected Output/Deliverables point iii.	<p>Section VI Technical Requirements; 1.3 Expected Output/Deliverables point iii.</p> <p>Replace</p> <p>iii. Updated cadastre map</p> <p>With</p> <p>iii. Updated cadastre map layer; this shall contain updated attributes and geometry for an urban Cadastre</p>
5	3.12.4 Development Control	<p>3.12.4 Development Control</p> <p>Insert</p> <p>d. Development control is a process of regulating development across the city. It involves;</p> <p>a. ensuring compliance to building regulations,</p>

		<ul style="list-style-type: none"> b. Building Inspection, c. Technical guidance on development issues d. Issuing of the following development permits. <ul style="list-style-type: none"> i. Permits (Chain Link Permits, Renovation Permits, Demolition Permits, Excavation Permits, Occupation Permits, Telecom mast Permits and Hoarding Permits) ii. Job Cards iii. Building Inspection iv. Applications for Change of use, Land subdivision, Lease extension e. ensuring compliance to building regulations, f. Building Inspection, g. Technical guidance on development issues h. Issuing of the following development permits. <ul style="list-style-type: none"> i. Permits (Chain Link Permits, Renovation Permits, Demolition Permits, Excavation Permits, Occupation Permits, Telecom mast Permits and Hoarding Permits) ii. Job Cards iii. Building Inspection iv. Applications for Change of use, Land subdivision, Lease extension
6	3.12 GIS Module	3.12 GIS Module Insert vii. User Access Control; There are about 1000 internal staff and the general public who will use GIS and addressing.
7	Section I ITB; 8 Site Visit - Part 8.2; Page 22	Section I ITB; 8 Site Visit - Part 8.2; Page 22 Replace The Purchaser will arrange for the Bidder and any of its personnel or agents to gain access to the relevant site or sites, provided that the Bidder gives the Purchaser adequate notice of a proposed visit of at least fourteen (14) days. With The Purchaser will arrange for the Bidder and any of its personnel or agents to gain access to the relevant site or sites within two (2) days,

		provided that the Bidder gives the Purchaser adequate notice of a proposed visit of at least fourteen (14) days.
8	ITB 1.1 The City Address Model (CAM) (page 61)	<p>ITB 1.1 The City Address Model (CAM) (page 61)</p> <p>Replace</p> <p>The City Address Model (CAM) should contain layers of the addressing elements which include but not limited to the following</p> <ul style="list-style-type: none"> i. Road network based on the existing KCCA roads dataset ii. Buildings by house number, building name and road name iii. Plots by number and road name iv. Plots by plot number and block number v. Village by name vi. Parish/Ward by name vii. Sub county by name viii. Division by name ix. Road Signage Layer x. Points of interest (POI) xi. Navigable coordinates of all key facilities, buildings and POIs <p>With</p> <p>The City Address Model (CAM) shall contain layers of the existing data addressing elements which include the following;</p> <ul style="list-style-type: none"> i. Road network ii. Buildings by house number, building name and road name iii. Plots by number and road name iv. Plots by plot number and block number v. Village by name vi. Parish/Ward by name vii. Sub county by name viii. Division by name ix. Road Signage Layer

		<ul style="list-style-type: none"> x. Points of interest (POI) xi. Navigable coordinates of all key facilities, buildings and POIs
9	ITB 1.1 <i>The Corporate GIS</i> (page 61)	<p>ITB 1.1 <i>The Corporate GIS</i> (page 61)</p> <p>Replace</p> <p>The Corporate GIS will be composed of the following;</p> <ul style="list-style-type: none"> i. Centralized Database ii. Geo-spatial Reporting iii. GIS Applications iv. Mobile GIS Applications v. 3D GIS vi. Migration of CAD data into GIS <p>With</p> <p>The Corporate GIS will be composed of the following;</p> <ul style="list-style-type: none"> i. Centralized Database ii. Geo-spatial Reporting iii. GIS Applications iv. Mobile GIS Applications v. 3D GIS vi. Migration of CAD data into GIS <p>The current data size expected to be migrated into the GIS System is 4 TB expected to grow to 15 TB within the next two years.</p>
10	Section VI Technical Requirements Page 231 point vii	<p>b) Section VI Technical Requirements Page 231 point vii</p> <p>Replace</p> <p>The spatial cadastral polygon datasets obtained through the digitizing of the lands registry should be stored in a database that supports spatial data e.g. Oracle or MS SQL Server.</p> <p>With</p> <p>The spatial cadastral polygon datasets obtained through the digitizing of the lands registry should be stored in a database that supports spatial</p>

		data e.g. Oracle or MS SQL Server. The Cadastre data is projected in Arc1960 and the coordinate system is UTM Zone 36N
11	Part iv. Mobile GIS Applications Page 234	<p>Part iv. Mobile GIS Applications Page 234</p> <p>Replace</p> <p>The solution should provide smart applications for a number of mobile devices including laptops, notebooks, PDAs, handheld GPSs, Navigation devices, Smartphones, Note pads and IPADs.</p> <p>With</p> <p>The solution should provide smart applications for a number of mobile devices including laptops, notebooks, PDAs, handheld GPSs, Navigation devices, Smartphones, Note pads and IPADs. The smart applications shall include navigation application, data collection application.</p>
12		<p>Section VI Technical Requirements; System Administration Module point 88 (Page 271)</p> <p>Replace</p> <p>All user accounts must be imported from the KCCA active directory currently running on windows server 2012 R2 or better</p> <p>With</p> <p>All user accounts must be imported from the KCCA active directory currently running on windows server 2012 R2 or better. KCCA has 2,000 Active Directory users and the system shall be scalable to handle the growing number of users.</p>
13	Section R4.4.8: Document Management, (page 245)	<p>Section R4.4.8: Document Management, (page 245)</p> <p>Insert</p> <p>10. The Document Module shall support various roles of users that shall be accessing the documents in the system and these roles include the following;</p> <ul style="list-style-type: none"> a. Systems Administrator for overall systems support, b. Super Users – configure the system by defining configurable items, capturing the configurable items values, define metadata associated with records, classes in

		<p>classification schemes, retention schedules and tracking the documents.</p> <ul style="list-style-type: none"> c. End users capture/ add, update, retrieve and delete or purge records based on the defined retention schedules and the classes in the classification schemes as well as tracking the documents d. The users shall be authenticated through the Active Directory which currently has about 2,000 users. The system shall be scalable to support the growing number of users in the active directory. e. The KCCA users are based in five Divisions and these include Lubaga, Nakawa, Central, Makindye, Kawempe and Headquarter all with in KCCA’s jurisdiction defined by the Wide Area Network (WAN). The system shall be web based and therefore no physical boundaries restrictions especially for retrieval of electronic documents. <p>11. The Document Management Module shall follow a set of workflows and some of them include the following;</p> <ul style="list-style-type: none"> a. Incoming Correspondences Management and Routing b. Outgoing Correspondences Management and Routing c. Internal communications management d. Records Request Process e. Reporting <p>12. For the processes above, the system shall also be capable of the following;</p> <ul style="list-style-type: none"> a. The system shall be capable of adding documents to process flows or workflows to ensure that all documents are routed on-line through the correct channels, attended to in the times defined in the System Level Agreement during development and traceable to see exactly where the document is at a given time during the process. b. The system shall always create and route tasks for users based on the workflows and these tasks shall be displayed to users on their login.
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		<ul style="list-style-type: none">c. Users shall also be notified immediately of tasks created in their login that need to be attended to through emails.d. The system shall automatically send emails to respective users notifying them of modifications made in the document.e. The system shall include capabilities of the annotation such as “post-it” notes stamps, highlights shall be available to add notes to the electronic documents and are immediately securable.f. Documents shall be easily linked through relationships for example customers’ letters, amendments, invoices, credit notes, purchase orders, emails and attachments. This shall enable users speed up retrieval of the different documents.g. Users shall be able to set date and time reminders for themselves on individual documentsh. The system shall support scan and storage of the common document types such as PDF, JPEG, OCR, GIF, MS Word, MS Excel, MS PowerPoint, Mms Projects, CAD Drawings, Videos, Voice, MS Outlook and TIFF. The documents shall be structured, semi-structured and unstructured based on Standard classification, HPA classification and handwritten classification stored in the predefined folder.i. The system shall support image enhancement for example resizing while maintaining the quality.j. The document module shall be able to transform/ convert the document from one type to another for example from PDF to word and vice versa.k. The system shall support scanning for each individual and bulk documents and the scanning shall happen on a daily basis. The total size of documents scanned per day shall be a minimum of 20,000 pagesl. The system shall automatically index documents based on the information on the document using predefined zones on the document
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		<p><i>m.</i> The document module shall be highly available to support day today business operations.</p>
14	<p>Section VI Technical Requirements; 3.2 System Software and System-Management Utilities: (page 225).</p>	<p>Section VI Technical Requirements; 3.2 System Software and System-Management Utilities: (page 225).</p> <p>Replace</p> <p>The vendor should consider a cost viable solution in the long term. Where necessary the purchaser encourages use of open source technologies. For all commercial licenses, the vendor should indicate the duration.</p> <p>With</p> <p>The vendor shall be required to use open source technologies running on Linux Operating System (Ubuntu 16.04, Apache 2.4). The vendor shall indicate the duration of any commercial licenses.</p>
15	<p>10 Purchaser's Responsibilities (GCC Clause 10.2, page 192)</p>	<p>10 Purchaser's Responsibilities (GCC Clause 10.2, page 192)</p> <p>Replace</p> <p>1. Providing the server, storage and network performance requirements for all hardware and host operating system environment for the system to be deployment within the purchaser's premises as specified by the supplier.</p> <p>With</p> <p>Providing the server, storage and network performance requirements for all hardware and host operating system environment for the system to be deployment within the purchaser's premises as specified by the supplier. In the even that part of the systems need to be upgraded to improve or get acceptable performance and KCCA is not able to meet the requirement in a timely manner the contractual timelines shall be amended to the new timelines.</p>
16	<p>Section VI Technical Requirements, R4.4.15 Revenue Simulation and Forecast (page 249)</p>	<p>Section VI Technical Requirements, R4.4.15 Revenue Simulation and Forecast (page 249)</p> <p>Insert</p> <p>The system shall have models with minimum acceptable accuracy for the revenue forecasting as 95%</p>

17	Section VI Technical Requirements, R4.4.15 Revenue Simulation and Forecast (page 249)	<p>Section VI Technical Requirements, R4.4.15 Revenue Simulation and Forecast (page 249)</p> <p>Insert</p> <p><i>The system shall be able to aggregate spatially from each property to a query matching a specific area, village, parish, sub county, the entire Kampala and possibly extrapolate based on geo-sensed data and information.</i></p>
18	Section VI Technical Requirements, R4.4.15 Revenue Simulation and Forecast (page 249)	<p>Section VI Technical Requirements, R4.4.15 Revenue Simulation and Forecast (page 249)</p> <p>Insert</p> <p>The expected continuous improvement interventions to the revenue forecasting and modifying of prediction algorithms within the next 5 years to minimize the error margin to less than 5% will include;</p> <ol style="list-style-type: none"> a. Build staff capacity in the revenue forecasting modelling b. Use of the improved forecasting tools and models
19	Section VI Technical Requirements; 5.2 Technical Responsiveness Checklist, General System Requirements point 15 (page 261).	<p>Section VI Technical Requirements; 5.2 Technical Responsiveness Checklist, General System Requirements point 15 (page 261).</p> <p>Replace</p> <p>The system should facilitate navigation of properties by field officers.</p> <p>With</p> <p>The system shall facilitate navigation of properties by field officers and each of the officers shall have a device (Smartphone with GPS/GNSS) that enables mobile navigation applications and routes.</p>
20	Invitation for Bids, point 5 (f) (page 6).	<p>Invitation for Bids, point 5 (f) (page 6).</p> <p>Replace</p> <p>f) Shall demonstrate local presence in Uganda to provide timely post implementation support, assimilate well with the different local cultures during implementation, and offer continuity after implementation. Foreign bidders are encouraged to partner with a local company in this regard.</p> <p>With</p> <p>f) Shall demonstrate local presence in Uganda to provide timely post implementation support, assimilate well with the different local</p>

		cultures during implementation, and offer continuity after implementation. Foreign bidders are encouraged to partner with a local company in this regard. The local firms shall demonstrate a proven competence and experience in the subject of this procurement.
21	Section VI Technical Requirements; 3.12.2 The Corporate GIS, v 3D GIS	Section VI Technical Requirements; 3.12.2 The Corporate GIS, v 3D GIS Insert h) The vendor shall develop workflows mechanism from 3D desktop and 3D server GIS backend.
22	ITB 21.1 Deadline for bid submission	Deadline for bid submission Replace Date: 28 th September 2017 Time: 10:30 am With Date: 31 st October 2017 Time: 10:30 am
23	ITB 24.1 Time, date, and place for bid opening	Time, date, and place for bid opening are: Replace Date: 28 th September 2017 Time: 10:35 a.m. With Date: 31 st October 2017 Time: 10:35 a.m.

Bidders are required to consider the new bid closing deadline while preparing the bid security requirement using appropriate format in Section VII of the bidding document.

NB: All the other details in the bidding document remain unchanged

END OF THE ADDENDUM